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Fugro -WPM4 - Export Cable Routes (Onshore) - Benthic Intertidal Results Report

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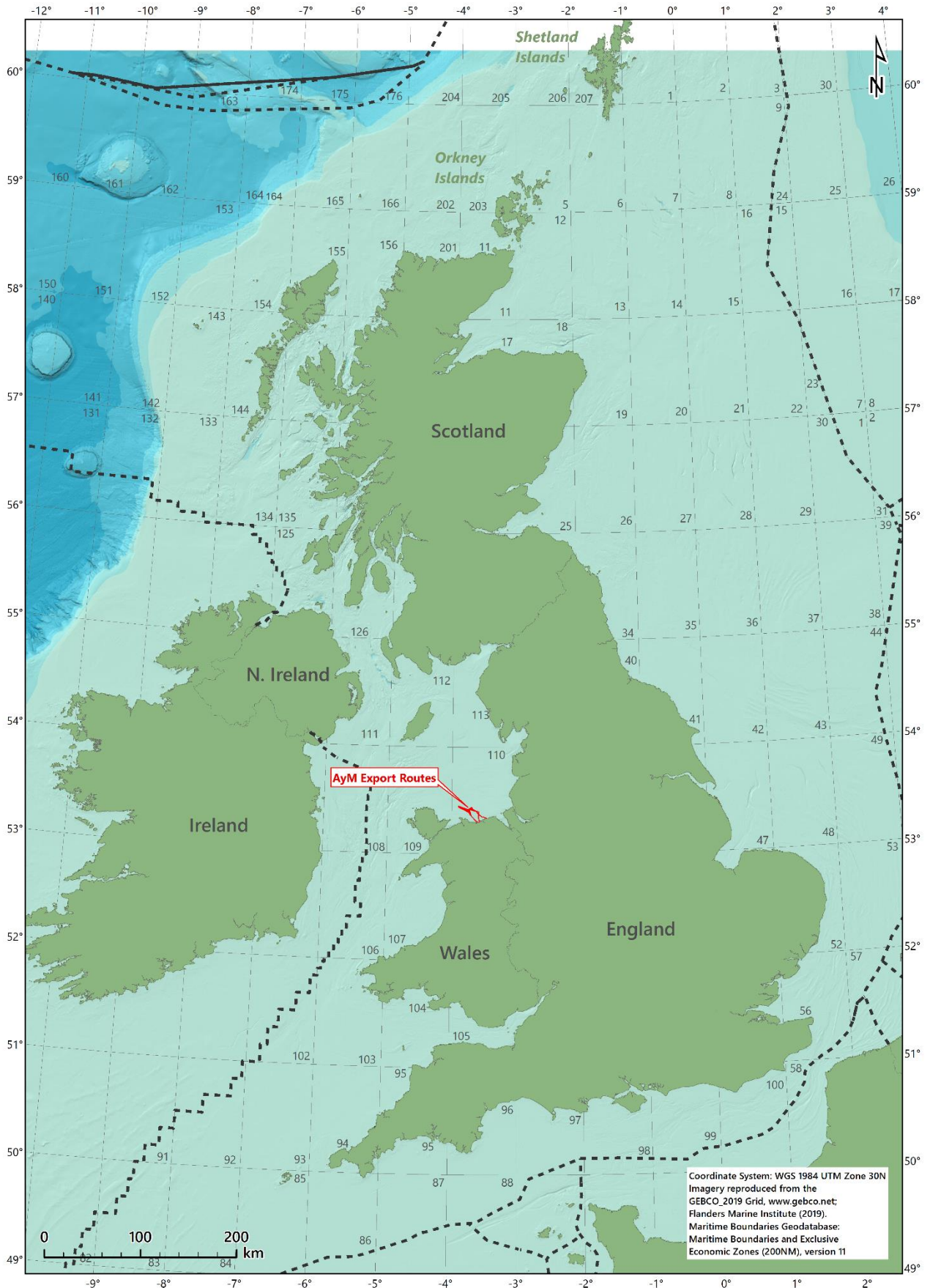
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Frontispiece



Executive Summary

Introduction

On the instruction of Awel y Môr Offshore Windfarm Ltd, Fugro performed a geophysical and environmental site investigation at the proposed Awel y Môr offshore windfarm (OWF) site, located 10.6 km off the north coast of Wales. The proposed OWF development will consist of the main array and two export cable routes, East A&B and West C. The environmental site investigation included benthic intertidal surveys at each of the three proposed export cable landing locations (East A, East B and West C), which were conducted during the survey period 19 to 21 August 2020. This report details the results of the benthic intertidal surveys.

Scope of Work

The Awel y Môr OWF benthic intertidal ecology surveys provided a robust baseline characterisation of the survey areas and supplemented the existing benthic ecology data from within the area of interest. The intertidal surveys recorded intertidal sediments and associated conspicuous taxa, in addition to classification and mapping of intertidal biotopes within the survey areas, through modified Phase I walkover biotope mapping surveys.

The entire vertical profiles of the shores were investigated, from the supralittoral zone to the low water spring tide level (where safe access allowed), as identified by standard Admiralty tidal predictions.

Intertidal Habitats

Within the East A intertidal survey area, three habitats complexes, two biotopes complexes, three biotopes and two sub-biotopes were identified; seven of these were associated with sediment, one with natural hard substratum and two with hard substratum of anthropogenic origin.

Within the East B intertidal survey area, three habitats complexes, six biotopes complexes, five biotopes and one sub-biotope were identified; six of these were associated with sediment, four with natural hard substratum and five with hard substratum of anthropogenic origin.

Within the West C intertidal survey area, four habitats complexes, three biotopes complexes, five biotopes and two sub-biotopes were identified; nine of these were associated with sediment, two with natural hard substratum and three with hard substratum of anthropogenic origin.

Habitats recorded were broadly comparable across the three survey areas, with differences largely associated with anthropogenic infrastructure. Habitats reported were typical of the coastline of north Wales.

Potentially Sensitive Habitats or Species

The biogenic reef forming species *Mytilus edulis* was observed within all three intertidal survey areas, but was not considered to be Annex I biogenic reef. However, the United Kingdom Biodiversity Action Plan (UKBAP) priority habitat 'Blue Mussel Beds on Sediments' was potentially present within the East B intertidal cable corridor.

The biogenic reef forming species *Sabellaria alveolata* was observed within the West C and East B intertidal survey areas, but was not considered to be Annex I biogenic reef. However, the United Kingdom Biodiversity Action Plan (UKBAP) priority habitat '*Sabellaria alveolata* Reefs' was potentially present within both cable corridors.

In the mid to upper shore of the East B survey area, exposed peat was reported, and in the low shore of the West C survey area, exposed clay was observed. Due to the observation of faunal burrows and emergent piddock shells, these areas have the potential to represent the UK BAP habitat 'peat and clay exposures with piddocks'.

No other sensitive habitats or species were observed within the survey areas.

Document Arrangement

Volume 1	WPM1 & WPM2 Array Area & ECR Acquisition/Operations Report - Mersey Guardian
Volume 2	Fugro – WPM1 - Main Array - Environmental Features Report
Volume 3	Fugro – WPM2 - ECR West C – Environmental Features Report
Volume 4	Fugro – WPM2 - ECR East A&B - Environmental Features Report
Volume 5	Fugro – WPM1 - Main Array – Benthic Ecological Monitoring Report
Volume 6	Fugro – WPM2 - ECR West C - Benthic Ecological Monitoring Report
Volume 7	Fugro – WPM2 - ECR East A&B - Benthic Ecological Monitoring Report
Volume 8	Fugro – WPM4 - ECR East A&B and West C – Intertidal Survey Report

Contents

Executive Summary	i
Document Arrangement	iii
1. Introduction	1
1.1 General Project Description	1
1.2 Scope of Work	1
1.3 Environmental Legislation	1
1.4 Regional Habitats and Protected Areas	2
1.5 Coordinate Reference System	4
2. Methods	5
2.1 Survey Methods	5
2.2 Interpretation Methods	8
2.2.1 Intertidal Habitats/Biotopes Classification	8
2.2.2 Biotope Mapping	9
3. Results	10
3.1 East A Intertidal	10
3.1.1 Field Operations	10
3.1.2 Intertidal Habitats and Fauna	10
3.1.3 Potential Sensitive Habitats and Species	26
3.2 East B Intertidal	29
3.2.1 Field Operations	29
3.2.2 Intertidal Habitats and Fauna	29
3.2.3 Potential Sensitive Habitats and Species	53
3.3 West C Intertidal	58
3.3.1 Field Operations	58
3.3.2 Intertidal Habitats and Fauna	58
3.3.3 Potential Sensitive Habitats and Species	80
4. Discussion	84
4.1 Intertidal Habitats and Fauna	84
4.1.1 Sedimentary Habitats	84
4.1.2 Rocky Habitats	86
4.2 Potentially Sensitive Habitats and Species	89
5. Conclusions	90
6. References	91

Appendices

Appendix A Guidelines on Use of Report

Appendix B Logs

B.1 Intertidal Survey Log

Figures in the Main Text

Figure 3.1: Example photographs of ' <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX), East A intertidal	14
Figure 3.2: Example photographs of ' <i>Enteromorpha</i> spp. on freshwater-influenced and/or unstable upper eulittoral rock' (A1.451/LR.FLR.Eph.Ent) and 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh), East A intertidal	17
Figure 3.3: Example photographs of 'Littoral coarse sediment' (A2.1/LS.LCS), East A intertidal	18
Figure 3.4: Example photographs of 'Littoral sand and muddy sand' (A2.2/LS.LSa) and 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa), East A intertidal	21
Figure 3.5: Example photographs of ' <i>Lanice conchilega</i> in littoral sand' (A2.45/LS.LSa.Lan) and ' <i>Mytilus edulis</i> beds on littoral mixed substrata' (A2.7211/LS.LBR.LMus.Myt.Mx), East A intertidal	22
Figure 3.6: Example photographs of 'Upper shingle beaches with open vegetation (B2.3/H3) and 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG), East A intertidal	24
Figure 3.7: EUNIS (EEA, 2019) habitat classification map, offshore East A	25
Figure 3.7: Potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats overlaid on aerial imagery, offshore East A	28
Figure 3.9: Example photographs of 'High energy littoral rock' (A1.1/LR.HLR), East B intertidal	33
Figure 3.10: Example photographs of 'Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB), East B intertidal	36
Figure 3.11: Example photographs of ' <i>Mytilus edulis</i> and barnacles on very exposed eulittoral rock' (A1.111/LR.HLR.MusB.MytB), East B intertidal	37
Figure 3.12: Example photographs of ' <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX), East B intertidal	38
Figure 3.13: Example photographs of ' <i>Fucus spiralis</i> on full salinity exposed to moderately exposed upper eulittoral rock' (A1.212/LR.MLR.BF.FspiB), East B intertidal	40
Figure 3.14: Example photographs 'Communities of littoral rockpools' (A1.41/LR.FLR.Rkp) and 'Ephemeral green or red seaweeds (freshwater or sand-influenced) on non-mobile substrata' (A1.45/LR.FLR.Eph), East B intertidal	42
Figure 3.15: Example photographs of 'Littoral coarse sediment' (A2.1/LS.LCS), East B intertidal	45
Figure 3.16: Example photographs of 'Littoral sand and muddy sand' (A2.2/LS.LSa) and 'Talitrids on the upper shore and strandline' (A2.211/LS.LSa.St.Tal), East B intertidal	46
Figure 3.17: Example photographs 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa), East B intertidal	47
Figure 3.18: Example photographs ' <i>Lanice conchilega</i> in littoral sand' (A2.45/LS.Lsa.Lan) and 'Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata' (A2.821/LR.FLR.Eph.EphX), East B intertidal	49

Figure 3.19: Example photographs 'Lichens or small green algae on supralittoral and littoral fringe rock' (B3.11/LR.FLR.Lic) and 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG), East B intertidal	51
Figure 3.20: EUNIS (EEA, 2019) habitat classification map, offshore East B	52
Figure 3.21: Example photographs of potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats, East B intertidal	56
Figure 3.20: Potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats overlaid on aerial imagery, East B intertidal	57
Figure 3.22: Example photographs of 'High energy littoral rock' (A1.1/LR.HLR), West C intertidal	62
Figure 3.23: Example photographs of 'Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB) and 'Mytilus edulis and barnacles on very exposed eulittoral rock' (A1.111/LR.HLR.MusB.MytB), West C intertidal	64
Figure 3.24: Example photographs of 'Semibalanus balanoides and Littorina spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX), West C intertidal	66
Figure 3.25: Example photographs of 'Littoral coarse sediment' (A2.1/LS.LCS), West C intertidal	68
Figure 3.26: Example photographs of 'Shingle (pebble) and gravel shores' (A2.11/LS.LCS.Sh) and 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh), West C intertidal	70
Figure 3.27: Example photographs of 'Littoral sand and muddy sand' (A2.2/LS.LSa) and 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa), West C intertidal	72
Figure 3.28: Example photographs of 'Lanice conchilega in littoral sand' (A2.45/LS.LSa.Lan) and 'Mytilus edulis beds on littoral sand' (A2.7212/LS.LBR.LMus.Myt.Sa), West C intertidal	74
Figure 3.29: Example photographs of 'Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata' (A2.821/LR.FLR.Eph.EphX), West C intertidal	76
Figure 3.30: Example photographs of 'Upper shingle beaches with open vegetation' (B2.3/H3) and 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG), West C intertidal	78
Figure 3.31: EUNIS (EEA, 2019) habitat classification map, offshore West C	79
Figure 3.32: Example photographs of potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats, West C intertidal	82
Figure 3.31: Potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats overlaid on aerial imagery, offshore West C	83

Tables in the Main Text

Table 1.1: Intertidal biotopes previously reported, Awel y Môr	3
Table 1.2: Project geodetic and projection parameters	4
Table 2.1: Sediment particle size and classification terms	7
Table 2.2: EUNIS biotope classification hierarchy example (EEA, 2019)	8
Table 2.3: JNCC (2015) biotope classification hierarchy example	8
Table 3.1: Habitat classifications, East A intertidal	11
Table 3.2: Habitat classifications, East B intertidal	30
Table 3.3: Habitat classifications, West C intertidal	59

Abbreviations

CM	Central meridian
CCW	Countryside Council for Wales
EC	European Commission
EEA	European Environment Agency
EMODnet	European Marine Observation and Data Network
ESRI	Environmental Systems Research Institute
EUNIS	European Nature Information System
GIS	Geographical information system
GPS	Global Positioning System
JNCC	Joint Nature Conservation Committee
LAT	Lowest Astronomical Tide
Ltd	Limited
MCA	Marine Character Areas
MCZ	Marine Conservation Zone
mph	Miles per hour
NRW	Natural Resources Wales
OSPAR	Oslo and Paris (Commission)
OWF	Offshore windfarm
SAC	Special Area of Conservation
SPA	Special Protected Area
UKBAP	United Kingdom Biodiversity Action Plan
UTM	Universal Transverse Mercator
WGS84	World Geodetic System 1984

1. Introduction

1.1 General Project Description

On the instruction of Awel y Môr Offshore Windfarm Ltd, Fugro performed a geophysical and environmental site investigation at the proposed Awel y Môr offshore windfarm (OWF) site. The proposed OWF development will consist of the main array and two export cable routes, East A&B and West C.

The Awel y Môr OWF, which covers an area of approximately 136 km², is located 10.6 km off the north coast of Wales in the Irish Sea, directly west of the existing Gwynt y Môr OWF. Water depths within the OWF site range between 20 m and 40 m Lowest Astronomical Tide (LAT). The East A&B cable route corridors are planned to run a length of approximately 19.9 km, whilst the West C export cable route is planned to span a length of approximately 26 km, connecting the Awel y Môr OWF main array to the landfall locations in North Wales.

The environmental site investigation included benthic intertidal surveys at each of the three proposed export cable landing locations (East A, East B and West C), which were conducted during the survey period 19 to 21 August 2020. This report details the results of the benthic intertidal surveys.

Appendix A outlines the guidelines for use of this report.

1.2 Scope of Work

The purpose of the Awel y Môr OWF benthic intertidal ecology surveys was to provide a robust baseline characterisation of the survey areas and to supplement the existing benthic ecology data from within the area of interest. The intertidal surveys will record intertidal sediments and associated conspicuous species, in addition to classification and mapping of intertidal biotopes within the survey area.

1.3 Environmental Legislation

Council Directive 92/43/EEC on the Conservation of natural habitats and of wild fauna and flora, commonly known as the European Commission (EC) Habitats Directive, was adopted in 1992, with the main aim of promoting maintenance of biodiversity at a European level. Member states are required to take measures to ensure that protection is afforded to habitats and species of European importance and that these features are restored to a 'favourable conservation status'. These habitats and species are listed under Annexes I and II of the Directive and may be selected as features for which Natura 2000 protected areas; Special Areas of Conservation (SACs) and Special Protected Areas (SPAs) may be designated. These together contribute to a European ecological network of protected sites. The Annexes include species and habitats identified by the Oslo and Paris Commission (OSPAR) and detailed on the OSPAR list of threatened and/or declining species and habitats (OSPAR, 2008).

The benthic intertidal investigation was undertaken, in part, to satisfy the Habitats Directive requirement of surveillance for Annex I habitats, based on which SACs may be designated. 'Areas of search' for Annex I habitats have been determined by the Joint Nature Conservation Committee (JNCC) and indicate regions where these habitats are most likely to be encountered; Annex I habitats of relevance for the offshore wind farm industry include reefs.

This benthic intertidal report assessed the occurrence of relevant OSPAR listed threatened and/or declining species and habitats, EC Habitats Directive Annex I habitats and United Kingdom Biodiversity Action Plan (UKBAP) priority habitats within the survey area.

1.4 Regional Habitats and Protected Areas

The proposed cable routes are located within approximately 5 km east of the Menai Strait and Conwy Bay SAC and 35 km south-west of the Fylde Marine Conservation Zone (MCZ), both of which are designated for subtidal features as discussed within Volumes 3 and 4.

The coastline of Wales has been divided into Marine Character Areas (MCAs), which consider key characteristics on a local scale. The intertidal survey areas are within the Colwyn Bay and Rhyl Flats MCA, which extends from the east limits of Prestatyn to west of Llandudno at Little Ormes's Head and includes the shallow coastal and inshore waters of Colwyn Bay. Key characteristics of this MCA that relevant to these intertidal surveys are:

- Long sand beaches and shingle storm beaches, protected by various coastal defences including groynes, rock armour, beach recharging, walls and traditional promenades;
- Peat exposures attesting to inundated land surfaces dated to the end of the last Ice Age;
- Flat and sandbanks important for diversity;
- Developed coastlines with seaside resort towns, with this coast serving as a traditional holiday destination (Natural Resources Wales [NRW], 2015).

From spatially referenced survey data obtained during different intertidal Phase 1 habitat surveys in Wales, several intertidal biotopes have been previously documented within the survey area (NRW, 2016). Littoral rocky and sedimentary biotopes were documented, with the majority of rocky biotopes from anthropogenic infrastructure.

Table 1.1 lists the biotopes previously reported within the survey area.

Table 1.1: Intertidal biotopes previously reported, Awel y Môr

JNCC (2015) Classification	EUNIS (2019) Classification*	East A	East B	West C
LR.HLR.MusB Mussel and/or barnacle communities	A1.11 Mussel and/or barnacle communities	-	Anthropogenic (top of outflow, wooden groynes)	-
LR.HLR.MusB.MytB <i>Mytilus edulis</i> and barnacles on very exposed eulittoral rock	A1.111 <i>Mytilus edulis</i> and barnacles on very exposed eulittoral rock	-	Anthropogenic (bottom of outflow)	Anthropogenic (outflow pipes and breakwater)
LR.HLR.MusB.Sem.LitX <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles	A1.1133 <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles	-	High and mid shore cobbles and boulders	Mid shore cobbles and boulderst
LR.FLR.Eph.Ent <i>Enteromorpha</i> spp. on freshwater-influenced and/or unstable upper eulittoral rock	A1.451 <i>Enteromorpha</i> spp. on freshwater-influenced and/or unstable upper eulittoral rock	Anthropogenic: sea defence	Anthropogenic: sea defence‡	-
LR.MLR.BF.FspiB <i>Fucus spiralis</i> on exposed to moderately exposed upper eulittoral rock	A1.212 <i>Fucus spiralis</i> on full salinity exposed to moderately exposed upper eulittoral rock	-	Top shore rock (bedrock, boulders, debris)	-
LR.FLR.Lic.YG Yellow and grey lichens on supralittoral rock	B3.111 Yellow and grey lichens on supralittoral rock	Anthropogenic: seawall	Anthropogenic: seawall	Anthropogenic: seawall
LS.LCS.Sh.BarSh Barren littoral shingle	A2.111 Barren littoral shingle	Upper shore shingle	-	Upper shore shingle
LS.LSa.St.Tal Talitrids on the upper shore and strand-line	A2.211 Talitrids on the upper shore and strandline	-	Upper shore	-
LS.LSa.MoSa.AmSco.Eur <i>Eurydice pulchra</i> in littoral mobile sand	A2.2232 <i>Eurydice pulchra</i> in littoral mobile sand	Sandy shore	Sandy shore	Sandy shore
LS.LSa.FiSa.Po Polychaetes in littoral fine sand	A2.23 Polychaetes in littoral fine sand	Sandy shore	Sandy shore	Sandy shore
LS.LSa.Lan <i>Lanice conchilega</i> in littoral sand	A2.245 <i>Lanice conchilega</i> in littoral sand	-	-	Lower tidal limit and mid shore sand
LS.LBR.LMus.Myt.Mx <i>Mytilus edulis</i> beds on littoral mixed substrata	A2.7211 <i>Mytilus edulis</i> beds on littoral mixed substrata	-	-	Mid shore mixed sediment
<p>Notes</p> <p>JNCC = Joint Nature Conservation Committee</p> <p>EUNIS = European Nature Information System</p> <p>* = EUNIS (2019) Classification is referenced to European Environment Agency [EEA], 2019</p> <p>† = Outwith the current survey area: < 500 m to south-west</p> <p>‡ = Outwith the current survey area: < 500 m to north-east</p> <p>Biotopes summarised from those previously reported by Natural Resources Wales (NRW, 2016) as JNCC (2004) classifications</p>				

1.5 Coordinate Reference System

All coordinates detailed in this report are referenced to World Geodetic System 1984 (WGS84) Universal Transverse Mercator (UTM) projection Zone 30N central meridian (CM) 3° West.

Table 1.2 provides the detailed geodetic and projection parameters.

Table 1.2: Project geodetic and projection parameters

Global Positioning System Geodetic Parameters	
Datum:	World Geodetic System 1984 (WGS84)
Spheroid:	World Geodetic System 1984
Semi major axis:	a = 6 378 137.000 m
Inverse flattening:	1/f = 298.257 223 563
Project Projection Parameters	
Grid Projection:	Universal Transverse Mercator (UTM)
UTM Zone:	30N (EPSG: 32630)
Central Meridian:	3° 00' 00" West
Latitude of Origin:	00° 00' 00" North
False Easting:	500 000 m
False Northing:	0 m
Scale factor on Central Meridian:	0.9996
Units:	Metre

2. Methods

2.1 Survey Methods

The intertidal habitat mapping surveys were undertaken broadly following the Joint Nature Conservation Committee (JNCC) Marine Monitoring Handbook Procedural Guideline 3.1: In situ intertidal biotope recording (Davies et al., 2001), in accordance with the Common Standards Monitoring Guidance Procedural Guidelines for Littoral Sediment (JNCC, 2004a) and Littoral Rock and Inshore Sublittoral Rock Habitats (JNCC, 2004b). The resolution of intertidal mapping using this method is between Phase 1 terrestrial mapping (JNCC, 2010) and the Marine Nature Conservation Review Phase 2 methods (Hiscock, 1996). A systematic route was followed within each survey area with consideration of the standardised phase 1 mapping methodology (Marine Monitoring Handbook procedural guidance No 3-1 (Wyn & Brazier, 2001) and Countryside Council for Wales (CCW; now NRW) Intertidal Monitoring Handbook (Wyn et al., 2006) to ensure that the entirety of the proposed cable corridors was surveyed.

The entire vertical profile of the shore was investigated in each survey area, from the supralittoral zone to the low water spring tide level (where safe access allowed), as identified by standard Admiralty tidal predictions.

The modified Phase I walkover biotope mapping survey was conducted to record conspicuous intertidal fauna and flora and habitats within the survey areas (1 km cable corridors), and therefore to derive information on biotope composition, biotope distribution, and the extent of sub-features.

Walkovers were supplemented by occasional dig-overs of representative habitats (where required) where approximately 0.1 m² of surface sediment was processed through a 1 mm sieve to provide a rapid in situ assessment of benthic fauna.

Colour aerial photographs covering the survey areas were produced as field maps. Habitat boundaries were established and manually mapped onto field maps and any associated faunal and floral assemblages recorded. Photographs were captured within each biotope to facilitate detailed ground-truthing.

Target notes were used to record further information including features that were too small (< 5 m²) to be portrayed accurately on a map, features on vertical faces and fine scale biotopes that existed as mosaics. Target notes were also used to describe human activities, such as coastal protection measures, shore access, sewage, large items of anthropogenic debris and any additional potential features of interest. During the survey, any observations relating to ongoing change to the littoral habitats were recorded (e.g. saltmarsh encroachment, invasive species, localised erosion and sediment accretion).

Infield determinations of the composition of the substrata were undertaken to assist with biotope classification. Descriptions of the substratum composition was undertaken based on a reclassification of the Folk (1954) sediment classes and were developed to support the EUNIS habitat identification (Long, 2006) in conjunction with the Wentworth classification (1922), the latter differentiating between pebbles, cobbles and boulders based on their dimension. The Folk sediment classification was reclassified into four categories, namely 'coarse sediment', 'mixed sediment', 'mud and sandy mud' and 'sand and muddy sand' (Long, 2006). These categories are defined by a combination of proportions of 'mud', 'sand' and 'gravel' and, as the main differences of the modified Folk classification are related to the differences from sands to muddy sand, further sub-categories, namely 'mud', 'sandy mud' and 'muddy sand' have been created (Kaskela et al., 2019) and applied to describe the sediment. For example, a description of 'muddy sand' defines sediments that have sand as the principle component (50 % to 90 %) and a 10 % to 50 % of mud, with < 5 % gravel (Kaskela et al., 2019). The European Marine Observation and Data Network (EMODnet) Geology Consortium further revised these categories to include the additional 'Rock & Boulders' (Kaskela et al., 2019), which includes the categories 'boulders' and 'cobbles' as per Wentworth (1922) classification. Table 2.1 presents a summary of the sediment particle sizes and corresponding classifications.

Garmin GPS map 78 hand-held global positioning system (GPS) units, accurate to 10 m, but often achieving < 5 m accuracy, were used to geo-reference biotope boundaries, photographs and target notes.

Table 2.1: Sediment particle size and classification terms

Particle Size	Wentworth (1922)	Folk (1954)	Folk, 5 Classes (Kaskela et al., 2019)			
> 256 mm	Boulder	Gravel	Rock & Boulders			
64 mm to 256 mm	Cobble					
32 mm to < 64 mm	Pebbles		Coarse sediment (Gravel ≥ 80 %, or Gravel ≥ 5 % and Sand ≥ 90 %)	Mixed sediment (Mud ≥ 10-95 % Sand < 90 % Gravel ≥ 5%)	Mud to sandy mud* (Mud 10-95 % Sand < 90 % Gravel < 5 %)	Sand (Mud < 10 % Sand ≥ 90 % Gravel < 5%)
16 mm to < 32 mm						
8 mm to < 16 mm						
4 mm to < 8 mm						
2 mm to < 4 mm	Granules					
1 mm to < 2 mm	Very coarse sand	Sand				
0.5 mm to < 1 mm	Coarse sand					
0.25 mm to < 0.5 mm	Medium sand					
0.125 mm to < 0.25 mm	Fine sand					
62.5 µm to 0.125 mm	Very fine sand					
> 4 µm to 62.5 µm	Silt	Mud	-	-	-	
> 1 µm to 4 µm	Clay					
<p>Notes</p> <p>* = Mud to sandy mud includes:</p> <p>Mud (Mud ≥ 90 %, Sand < 10 %, Gravel < 5%)</p> <p>Sandy mud (Mud 50 % to 90 %, Sand 10 % to 50 %, Gravel < 5%)</p> <p>Muddy sand (Mud 10 % to 50 %, Sand < 50 % to 90 %, Gravel < 5%) (Kaskela et al., 2019)</p>						

2.2 Interpretation Methods

2.2.1 Intertidal Habitats/Biotopes Classification

Following assessment of the sediments and species present within the survey area, biotopes were classified and assigned to each distinct sediment/species association. To facilitate biotope identification, field maps, target notes and photographs were considered.

Habitats within the survey area have been classified in accordance with both the European Nature Information System (EUNIS) habitat classification (European Environment Agency [EEA], 2019) and 'the Marine Habitat Classification for Britain and Ireland – Version 15.03' (JNCC, 2015), in line with relevant guidance (Parry, 2015). The EUNIS habitat classification has compiled habitat information from across Europe into a single database whilst the JNCC classification categorises UK and Ireland habitats. Both classifications systems are based around hierarchical analysis, where abiotic habitats are initially defined (upper levels) and biological communities are then linked to these (lower levels) to produce a biotope classification.

Table 2.2 summarises the EUNIS hierarchy, whilst Table 2.3 summarises the JNCC hierarchy, including an example of the coding system for an equivalent intertidal habitat.

The classification systems are designed to incorporate small-scale temporal variations (e.g. seasonal) into the biotope/habitat categories. However, biological communities and marine environments can be highly dynamic and temporally variable. Therefore, the habitats identified by the current assessment are representative of those at the time of survey only.

Table 2.2: EUNIS biotope classification hierarchy example (EEA, 2019)

Level	Example Classification Name	Example Classification Code
1. Environment	Marine habitats	A
2. Broad habitat types	Littoral rock and other hard substrata	A1
3. Habitat complexes	High energy littoral rock	A1.1
4. Biotope complexes	Mussel and/or barnacle communities	A1.11
5 & 6. Biotopes and sub biotopes	<i>Semibalanus balanoides</i> on exposed to moderately exposed or vertical sheltered eulittoral rock	A1.113

Table 2.3: JNCC (2015) biotope classification hierarchy example

Level	Example Classification Name	Example Classification Code
1.	Littoral rock	LR
2.	High energy littoral rock	LR.HLR
3.	Mussel and/or barnacle communities	LR.HLR.MusB
4.	<i>Semibalanus balanoides</i> on exposed to moderately exposed or vertical sheltered eulittoral rock	LR.HLR.MusB.Sem

2.2.2 Biotope Mapping

For biotope mapping, georeferenced Environmental Systems Research Institute (ESRI) colour aerial photographs were used as base maps. These appear to have been largely captured during an intermediate tidal state, in which the mid to upper shore within the footprint of the proposed cable routes was exposed. During the surveys, the tide was lower than depicted.

The boundaries of each biotope, as indicated on each of the field maps, were subsequently digitised and incorporated within a geographical information system (GIS), generated using QGIS and ArcView, and overlaid onto the base map as a series of polygons. Each polygon was attributed with the relevant biotope classification.

Target notes were plotted where appropriate (e.g. features that were too small (< 5 m²) to be portrayed accurately on a map or those on vertical faces) and overlaid onto the base map (Appendix B). Georeferenced photographs were considered spatially to ground-truth biotopes.

Numerous other map resources were consulted prior to the survey and during data analysis. These included Ordnance Survey maps, Google and Bing satellite maps and also spatially referenced previous intertidal Phase 1 habitat survey data (NRW, 2016).

3. Results

3.1 East A Intertidal

3.1.1 Field Operations

The benthic intertidal survey within the proposed East A intertidal export cable corridor was conducted on 20 August over two low spring tidal windows. Benthic intertidal surveys were conducted during low spring tides to allow access to the lowest reaches of the shore and to maximise the surveying time during the field visit.

The temperature ranged from approximately 15 °C to 20 °C. Wind was 14 mph to 16 mph from the south. Skies were partly cloudy and sea state was calm.

Photographic logs and field notes (including target notes) are listed in Appendix B.1.1.

3.1.2 Intertidal Habitats and Fauna

The East A foreshore predominantly comprised sand, with coarser sediments that were disturbed by wave action (e.g. pebbles, cobbles) in the upper shore. The shore was backed by a rock sea defence (comprised of boulders), behind which a cement seawall extended to the west.

Table 3.1 presents the classification hierarchy for the intertidal habitats (from high level environment to low level sub-biotope) observed within the survey area. Figure 3.7 spatially presents the habitats observed across the survey area.

Table 3.1: Habitat classifications, East A intertidal

EUNIS (EEA, 2019) Habitat Classification						Equivalent JNCC (2015) Classification		
Environment Level 1	Broad Habitat Level 2	Habitat Complex Level 3	Biotope Complex Level 4	Biotope Level 5	Sub-biotope Level 6			
A Marine habitats	A1 Littoral rock and other hard substrata	A1.1 High energy littoral rock	A1.11 Mussel and/or barnacle communities	A1.113 <i>Semibalanus balanoides</i> on exposed to moderately exposed or vertical sheltered eulittoral rock	A1.1133 <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles	LR.HLR.MusB.Sem.LitX <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles		
		A1.4 Features of littoral rock	A1.45 Ephemeral green or red seaweeds (freshwater or sand-influenced) on non-mobile substrata	A1.451* <i>Enteromorpha</i> spp. on freshwater-influenced and/or unstable upper eulittoral rock	-	LR.FLR.Eph.Ent* <i>Enteromorpha</i> spp. on freshwater-influenced and/or unstable upper eulittoral rock		
	A2 Littoral sediment	A2.1 Littoral coarse sediment	-	-	-	-	LS.LCS Littoral coarse sediment	
			A2.11 Shingle (pebble) and gravel shores	A2.111 Barren littoral shingle	-	-	LS.LCS.Sh.BarSh Barren littoral shingle	
		A2.2 Littoral sand and muddy sand	-	-	-	-	LS.LSa Littoral sand	
			A2.24 Polychaete/bivalve-dominated muddy sand shores	-	-	-	-	LS.LSa.MuSa Polychaete/bivalve-dominated muddy sand shores
				A2.245 <i>Lanice conchilega</i> in littoral sand	-	-	-	LS.LSa.Lan <i>Lanice conchilega</i> in littoral sand
	A2.7 Littoral biogenic reefs	A2.72 Littoral mussel beds on sediment	A2.721 <i>Mytilus edulis</i> beds on littoral sediments	A2.7211 <i>Mytilus edulis</i> beds on littoral mixed substrata	LS.LBR.LMus.Myt.Mx <i>Mytilus edulis</i> beds on littoral mixed substrata			

EUNIS (EEA, 2019) Habitat Classification						Equivalent JNCC (2015) Classification
Environment Level 1	Broad Habitat Level 2	Habitat Complex Level 3	Biotope Complex Level 4	Biotope Level 5	Sub-biotope Level 6	
B Coastal habitats	B2 Coastal shingle	B2.3* Upper shingle beaches with open vegetation	-	-	-	H3 Shingle/gravel above high tide mark†
	B3 Rock cliffs, ledges and shores, including the supralittoral	B3.1 Supralittoral rock (lichen or splash zone)	B3.11 Lichens or small green algae on supralittoral and littoral fringe rock	B3.111 Yellow and grey lichens on supralittoral rock	-	LR.FLR.Lic.YG Yellow and grey lichens on supralittoral rock
<p>Notes EUNIS = European Nature Information System JNCC = Joint Nature Conservation Committee * = Biotopes outwith the proposed East A intertidal cable corridor, to south-west of area surveyed † = UK Phase 1 habitat classification (JNCC, 1993)</p>						

3.1.2.1 Littoral Rock and Other Hard Substrata (A1)

The broad habitat 'Littoral rock and other hard substrata' (A1/LR) includes all hard substrata (e.g. bedrock, boulders and cobbles) that occurs in the splash zone and intertidal regions (EEA, 2019). Several areas of littoral rock were observed, which were classified further within the following subsections.

3.1.2.1.1 *Semibalanus balanoides* and *Littorina* spp. on Exposed to Moderately Exposed Eulittoral Boulders and Cobbles (A1.1133)

The sub-biotope '*Semibalanus balanoides* and *Littorina* spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX) is described as large aggregations of exposed to moderately exposed eulittoral boulders, cobbles and pebbles colonised by barnacles (*S. balanoides*). Limpets (*Patella vulgata*) are typically present on larger rocks with anemones (*Actinia equina*) in damp areas between/under boulders. Winkles (e.g. *Littorina littorea*, *Littorina saxatilis*) and whelks (*Nucella lapillus*) are typically abundant on and around cobbles and smaller boulders, with mussels (*M. edulis*), crabs (*Carcinus maenas*) and gammarid amphipods between the cobbles and pebbles at low abundance. Ephemeral green seaweeds (*Ulva* sp.) may cover cobbles and boulders. Foliose red seaweeds (*Chondrus crispus*, *Mastocarpus stellatus* and *Osmundea pinnatifida*) and wrack (*Fucus vesiculosus*) may occur in low abundance on cobbles and boulders. On more sheltered shores, top shells (*Steromphala cineraria* and *Steromphala umbilicalis*) may be present under seaweeds or boulders. The barnacle *Austrominius modestus* may be observed. Ephemeral green seaweeds can dominate during the summer (EEA, 2019).

Areas of pebbles, cobbles and boulders overlaying sand or muddy sand in the mid shore of the East A survey area were classified as this sub-biotope. The biological assemblages within these areas were dominated by barnacles (*S. balanoides*, *A. modestus*) and winkles (*L. littorea*). A summer variant of this sub-biotope was delineated on more stable areas in the upper mid shore that featured an elevated abundance of ephemeral green seaweeds (*U. ?intestinalis*). These variants were mosaicked together across the shore.

Figure 3.1 presents example photographs of this sub-biotope.



A1.1133/LR.HLR.MusB.Sem.LitX

A: Photograph 200145_EA_115

Cobbles, pebbles and boulders on sand
Barnacles (Sessilia), winkles
(*Littorina littorea*)

B: Photograph 200145_EA_118

Pebbles and cobbles on muddy sand
Barnacles (Sessilia including
Semibalanus balanoides), winkles
(*Littorina littorea*)

A1.1133/LR.HLR.MusB.Sem.LitX variant

C: Photograph 200145_EA_120

Pebbles, cobbles and boulders on
muddy sand
Barnacles (Sessilia), winkles
(*Littorina littorea*), ephemeral green
seaweed (*Ulva ?intestinalis*)

D: Photograph 200145_EA_117

Pebbles and cobbles on muddy sand
Barnacles (Sessilia including
Semibalanus balanoides), winkles
(*Littorina littorea*), ephemeral green
seaweed (*Ulva ?intestinalis*)

Figure 3.1: Example photographs of '*Semibalanus balanoides* and *Littorina* spp. on exposed to moderately exposed eu littoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX), East A intertidal

3.1.2.1.2 *Enteromorpha* spp. on Freshwater-influenced and/or Unstable Upper Eulittoral Rock (A1.451)

The biotope '*Enteromorpha* spp. on freshwater-influenced and/or unstable upper eulittoral rock' (A1.451/LR.FLR.Eph.Ent) is described as upper shore hard substratum that is relatively unstable (e.g. soft rock) or subject to considerable freshwater run off and is typically species poor, characterised by ephemeral green seaweeds (*Ulva* sp., formerly *Enteromorpha* sp.), with limpets (*P. vulgata*), winkles (*L. littorea*) and barnacles (*S. balanoides*) occasionally present (EEA, 2019).

South-west of the proposed East A intertidal cable corridor, an area of boulders (likely of anthropogenic origin) was present in the upper shore. The boulders were surrounded by coarse material (sand, pebbles, cobbles) and featured ephemeral green seaweeds (*U. ?intestinalis*), with no other flora or fauna evident. Ephemeral green seaweeds did not form a dense covering on the boulders, perhaps due to scour, and this area was considered an impoverished version of '*Enteromorpha* spp. on freshwater-influenced and/or unstable upper eulittoral rock' (A1.451/LR.FLR.Eph.Ent).

Figure 3.2 presents example photographs of this biotope.

3.1.2.2 Littoral Sediment (A2)

The broad habitat 'Littoral sediment' (A2/LS) includes habitats of cobbles, pebbles, sand and mud or any combination of these that occur in the intertidal zone (EEA, 2019). The majority of the East A foreshore comprised littoral sediments, which were classified further within the following subsections.

3.1.2.2.1 Littoral Coarse Sediment (A2.1)

The habitat complex 'Littoral coarse sediment' (A2.1/LS.LCS) is described as habitats of eulittoral pebbles, cobbles and varying proportions of coarse sand that are mobile and subject to drying out between tides. Highly mobile littoral coarse sediments are species poor, largely devoid of infauna, while gravelly shores may support limited numbers of arthropods (e.g. the amphipod *Echinogammarus incertae sedis planicrurus*). Littoral coarse sediments generally occur on relatively exposed open coasts and may be present on the upper areas of otherwise sandy shores (EEA, 2019).

Bands of coarse sediment were apparent across the survey area, a narrow band near the lower tidal limit to the west of the proposed cable corridor, a lower mid shore band and an upper shore band. The two bands lower on the shore featured sand with pebbles and shell fragments, whilst the upper shore band largely comprised pebbles and cobbles with some sand. Both forms were classified as the habitat complex 'Littoral coarse sediment'. These areas were devoid of epifauna, with no observed infauna.

Figure 3.3 presents example photographs of this habitat complex.

3.1.2.2.2 Barren Littoral Shingle (A2.111)

The biotope 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh) is described as habitats of gravel shores (pebbles and cobbles, with some coarse sand). This generally occurs on exposed open coasts in fully marine conditions and is very mobile and freely draining. These littoral shingles are typically impoverished with virtually no macrofauna, bar occasional amphipods and polychaetes deposited by the tide. However, they can feature a covering of ephemeral green seaweeds (*Ulva* sp.) in more stable summer months (EEA, 2019).

A band of mobile pebbles and cobbles in the upper shore to either side of the boulder sea defence were classified as 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh). These areas were devoid of epifauna, with no observed infauna.

Figure 3.2 presents example photographs of this biotope.

3.1.2.2.3 Littoral Sand and Muddy Sand (A2.2)

The habitat complex 'Littoral sand and muddy sand' (A2.2; equivalent in part to 'Littoral sand' (LS.LSa)) is described as clean sands (coarse, medium or fine-grained) and muddy sands comprising < 25 % mud (silt and clay). Shell fragments and gravel may occasionally be present on the surface. Littoral sands dry out to varying degrees at low tide dependent on shore gradient, sediment grade and position of habitat in the shore (EEA, 2019).

The majority of the eulittoral zone within the East A intertidal survey area was classified as 'Littoral sand and muddy sand'. Most of the shore comprised sands, with varying proportions of mud, gravel and shell fragments, devoid of epifauna, with sparse infauna comprised of bivalves (e.g. *Limecola balthica*, *Cerastoderma edule*), polychaetes (e.g. *Nephtys* sp.) and arthropods (amphipods). Lugworm casts (*Arenicola* sp.) were regularly observed.

Figure 3.4 presents example photographs of this habitat complex.

A



B



A1.451/LR.FLR.Eph.Ent

A: Photograph 200145_WC_376

Boulders on coarse (pebbles, cobbles)

Green ephemeral seaweed (*Ulva ?intestinalis*)

A2.111/LS.LCS.Sh.BarSh

B: Photograph 200145_EA_342

Shingle (pebbles, cobbles)

No fauna or flora observed

C



D



C: Photograph 200145_EA_031

Shingle (pebbles, cobbles)

No fauna or flora observed

D: Photograph 200145_EA_199

Shingle (pebbles, cobbles)

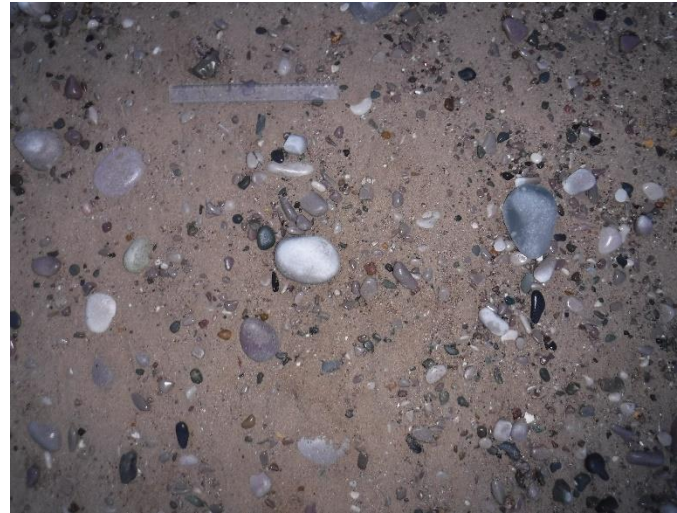
No fauna or flora observed

Figure 3.2: Example photographs of '*Enteromorpha* spp. on freshwater-influenced and/or unstable upper eulittoral rock' (A1.451/LR.FLR.Eph.Ent) and 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh), East A intertidal

A



B



A: Photograph 200145_EA_340

Coarse sediment (sand, pebbles, cobbles)

No fauna or flora observed

B: Photograph 200145_EA_196

Coarse sediment (sand, pebbles, cobbles)

No fauna or flora observed

C



D



C: Photograph 200145_EA_253

Coarse sediment (sand, pebbles, shell fragments)

No fauna or flora observed

D: Photograph 200145_EA_232

Coarse sediment (sand, pebbles, shell fragments)

No fauna or flora observed

Figure 3.3: Example photographs of 'Littoral coarse sediment' (A2.1/LS.LCS), East A intertidal

3.1.2.2.4 Polychaete/Bivalve-dominated Muddy Sand Shores (A2.24)

The biotope complex 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa) is described as muddy or fine sands, that remain saturated with water at low tide. This occurs predominantly on the mid to low shore (although it can span the intertidal) and can occur as extensive intertidal flats on open coasts and marine inlets. The habitat may be subject to variable salinity conditions and an anoxic layer may be present 5 cm or more from the sediment surface, sometimes seen as worm casts on the surface. The infaunal community consists of a diverse range of amphipods, bivalves, gastropods and polychaetes (EEA, 2019).

Areas of muddy sand were observed within the upper mid shore of the East A survey area, generally associated with standing water (likely freshwater flow down the shore creating variable salinity conditions). An anoxic layer was observed at variable depths within the sediment. Muddy sands were devoid of epifauna with sparse infauna, which comprised infrequent bivalves (*L. balthica*) and polychaetes. Muddy sands were classified as the biotope complex 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa).

Figure 3.4 presents example photographs of this biotope complex.

Within the previously mentioned 'Sand and muddy sand' habitat complex (Section 3.1.2.2.3), anoxic lugworm casts (*Arenicola* sp.) were observed sporadically, indicating that this biotope complex may be more prevalent than recorded in the field. However, this cannot be confirmed without further sediment sampling.

3.1.2.2.5 *Lanice conchilega* in Littoral Sand (A2.45)

The biotope complex '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan) is described as occurring on muddy to medium fine sand flats, on the low shore or waterlogged mid shore. The sediment may contain a proportion of shell fragments and gravel, and the biotope complex may be present on the low rocky shore, where sandy sediments accumulate between larger sediment fractions. This biotope complex usually occurs in areas sheltered from strong wave action but can be present in tide swept conditions and sediment may be mobile. The sediment supports abundant sand mason worms (*L. conchilega*), other sand scour/mobile sediment tolerant polychaetes (e.g. *Phyllodoce mucosa*, *Aricidea* (*Aricidea*) *minuta*, *Eumida sanguinea*, *Nephtys hombergii*, *Pygospio elegans*, *Scoloplos armiger* and *Tharyx* spp.), mud shrimp (*Corophium arenarium*) and cockles (*Cerastoderma edule*). The baltic tellin (*L. balthica*) may also be present (EEA, 2019).

Areas of muddy and gravelly sand were observed within the lower mid shore of the East A survey area, associated with standing water with a high abundance of the sand mason worm (*L. conchilega*). These areas were classified as '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan).

Figure 3.5 presents example photographs of this biotope complex.

3.1.2.2.6 *Mytilus edulis* Beds on Littoral Mixed Substrata (A2.7211)

The sub-biotope '*Mytilus edulis* beds on littoral mixed substrata' (A2.7211/LS.LBR.LMus.Myt.Mx) is described as mussel (*M. edulis*) aggregations on mid to low shore mixed substrata (pebbles and cobbles on finer sediments), occurring in a wide range of exposures. The *M. edulis* aggregations can be very dense supporting numerous age classes, and at high densities, they stabilise the substratum. Stable aggregations can support a variety of epiflora and epifauna, including wrack (*F. vesiculosus*), barnacles (*S. balanoides*, *A. modestus*, *Chthalamus* spp.), winkles (*L. littorea*, *L. saxatilis*) and crabs (*C. maenas*) with areas of sediment typified by the sand mason worm (*L. conchilega*) and lugworm (*Arenicola marina*). Pools may occur within the mussel bed that support seaweeds (e.g. *C. crispus*). Boulders may support limpets (*P. vulgata*) and whelks (*N. lapillus*) (EEA, 2019).

An approximately 150 m² area of dense *M. edulis* attached to mixed sediment (muddy sand, pebbles and cobbles) was observed on the mid shore to the west of the East A survey area and was classified as this sub-biotope. Winkles (*L. littorea*), barnacles (*S. balanoides*), anemones (*Sagartia* sp.) and sand mason worms (*L. conchilega*) were present within the mussel aggregation. Of note, mussel (*M. edulis*) recruitment was also observed within the sub-biotope *Semibalanus balanoides* and *Littorina* spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX) (Section 3.1.2.1.1).

Figure 3.5 presents example photographs of this sub-biotope.



A2.2/LS.LSa

A: Photograph 200145_EA_157

Sand

No fauna or flora observed

B: Photograph 200145_EA_138

Sand

Lugworm casts (*Arenicola* sp.)



A2.24/LS.LS.MuSa

C: Photograph 200145_EA_110

Submerged muddy sand (with
cobble fjord of anthropogenic
origin)

No fauna or flora observed

D: Photograph 200145_EA_94

Muddy sand

Diatom film

Figure 3.4: Example photographs of 'Littoral sand and muddy sand' (A2.2/LS.LSa) and 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa), East A intertidal

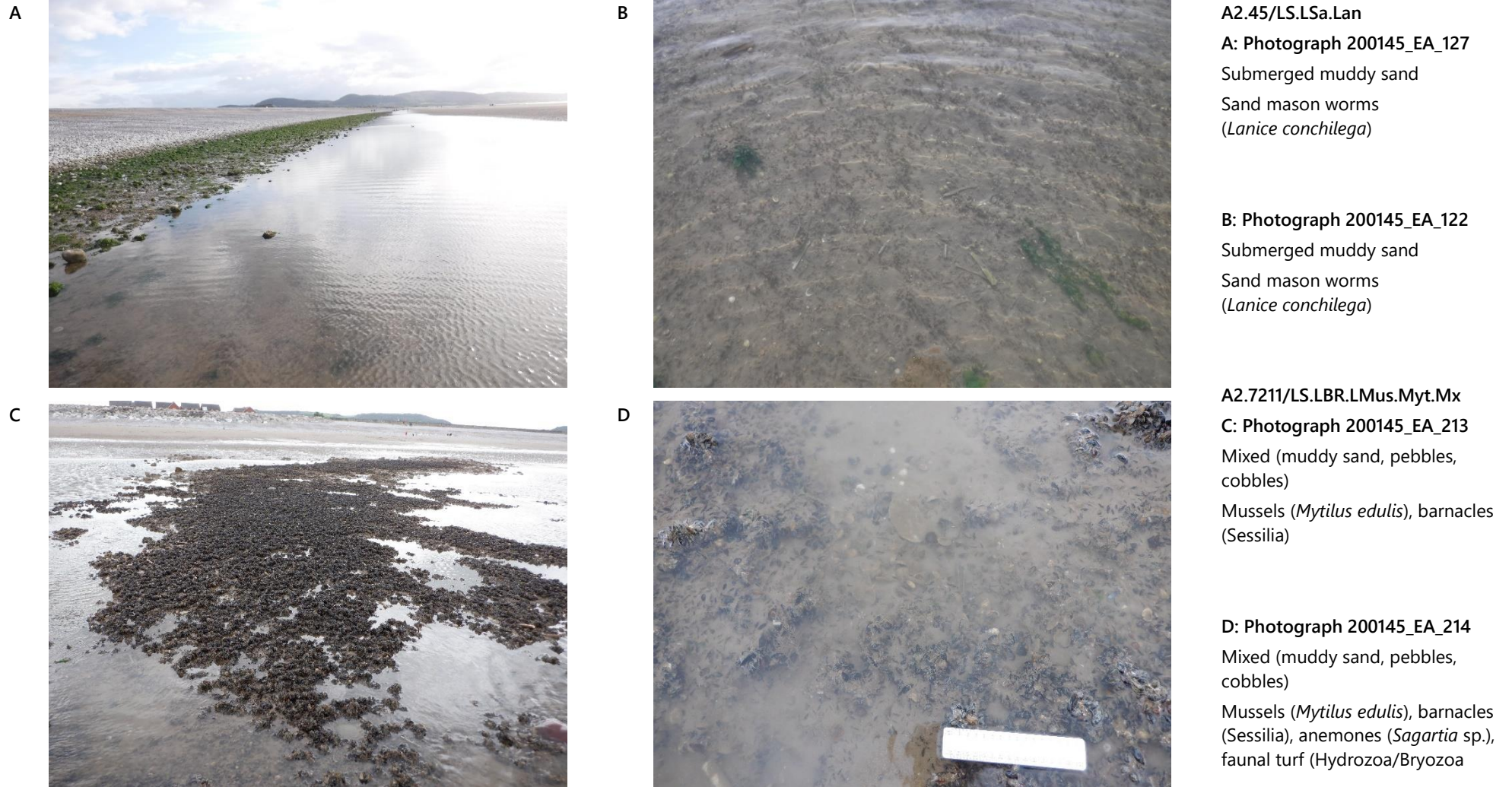


Figure 3.5: Example photographs of '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan) and '*Mytilus edulis* beds on littoral mixed substrata' (A2.7211/LS.LBR.LMus.Myt.Mx), East A intertidal

3.1.2.3 Coastal Shingle (B2)

The broad habitat 'Coastal shingle' (B2) is described as pebble (or boulder) beaches usually formed by wave action (EEA, 2019). Several areas of hard substrata of anthropogenic origin were observed in the supralittoral, which were classified further within the following subsections.

3.1.2.3.1 Upper Shingle Beaches with Open Vegetation (B2.3)

The habitat complex 'Upper shingle beaches with open vegetation (B2.3)' is described as the upper beach of large shingle bars, with open pioneer shingle communities or perennial vegetation (e.g. *Crambe maritima*, *Honckenya peploides*, *Lathyrus japonicus*). This habitat complex generally occurs in north-west Europe, from the Atlantic to the Baltic (EEA, 2019).

South-west of the proposed East A intertidal cable corridor, directly below the seawall, at the top of the 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh) zone, the shingle was stabilised by pioneer shingle community vegetation including *Beta vulgaris* ssp. *maritima*, *Eryngium* sp., *H. peploides*, *Ononis repens*, *Plantago* spp., *Rumex rupestris* and *Tripleurospermum maritimum*. This area was classified as the 'Upper shingle beaches with open vegetation (B2.3)' biotope, which is contained within UK Phase 1 habitat classification 'Shingle/gravel above high tide mark' (H3; JNCC, 1993).

Figure 3.6 presents example photographs of this habitat complex.

3.1.2.4 Rock Cliffs, Ledges and Shores, including the Supralittoral (B3)

The broad habitat 'Rock cliffs, ledges and shores, including the supralittoral' (B3) is described as coastal rock exposures (adjacent to seawater, or separated by a narrow shoreline) (EEA, 2019). Several areas of hard substrata of anthropogenic origin were observed in the supralittoral, which were all classified further within the following subsection.

3.1.2.4.1 Yellow and Grey Lichens on Supralittoral Rock (B3.111)

The biotope 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG) is described as a diverse community of yellow and grey lichens (e.g. *Caloplaca marina*, *Xanthoria parietina*, *Tephromela atra*, *Ramalina* sp.) on vertical to gently sloping bedrock and stable boulders, including artificial substrata such as sea defences, in the supralittoral zone. Black lichen (*Verrucaria maura*) can also be present. The width of the lichen band is generally wider in wave exposed areas. Where the hard substratum is morphologically complex and pools, damp areas and crevices occur, winkles (e.g. *L. saxatilis*) and halacarid mites may be observed. Terrestrial plants such as thrift (*Armeria maritima*) may occur (EEA, 2019).

On the boulder sea defence and along the seawall, grey, yellow and black lichens were observed, particularly on upper surfaces. These areas were classified as 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG).

Figure 3.6 presents example photographs of this biotope.

A



B



B2.3/H3

A: Photograph 200145_EA_006

Shingle (pebbles, cobbles)

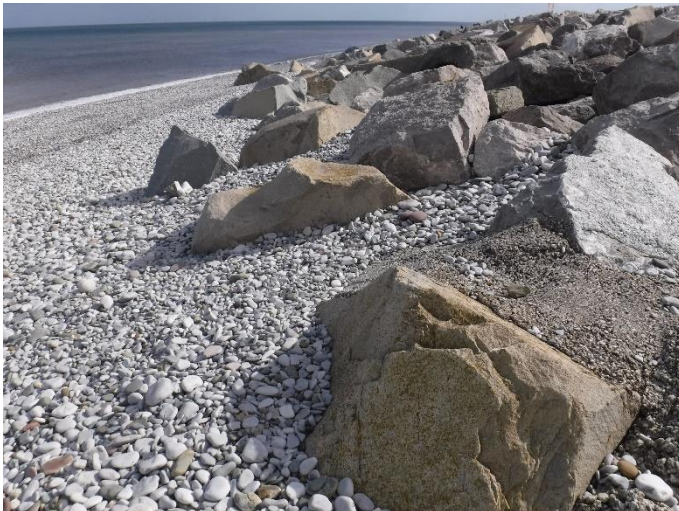
Shingle pioneer community

B: Photograph 200145_EA_009

Shingle (pebbles, cobbles)

Shingle pioneer community

C



D



B3.111/LR.FLR.Lic.YG

C: Photograph 200145_EA_020

Anthropogenic supralittoral 'rock'
(boulder sea defence)

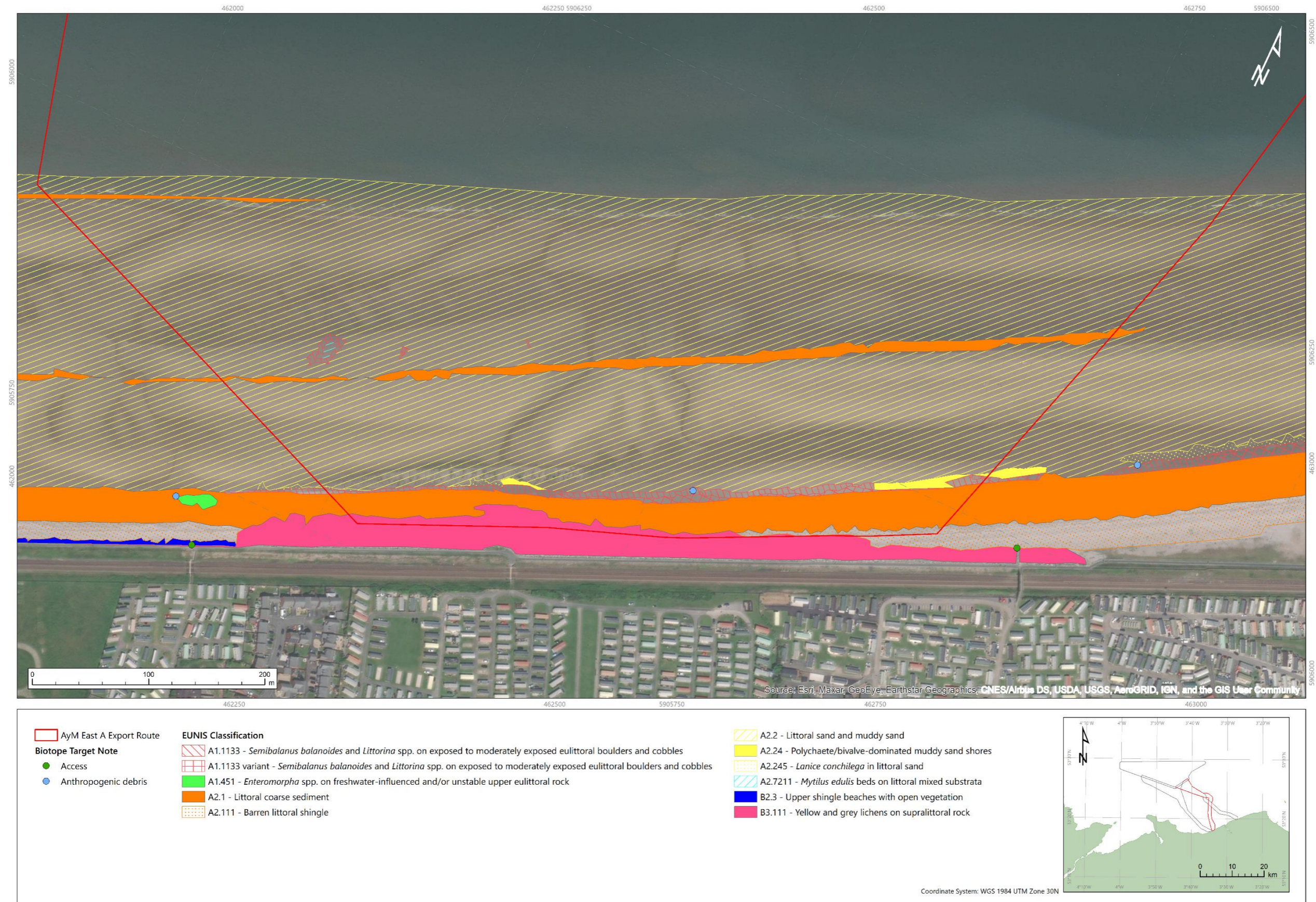
Yellow, grey and black lichens

D: Photograph 200145_EA_060

Anthropogenic supralittoral 'rock'
(seawall and boulder sea defence)

Yellow (?*Rhizocarpon* sp.), grey
and black (*Verrucaria* sp.) lichens

Figure 3.6: Example photographs of 'Upper shingle beaches with open vegetation (B2.3/H3) and 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG), East A intertidal



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Figure 3.7: EUNIS (EEA, 2019) habitat classification map, offshore East A

3.1.3 Potential Sensitive Habitats and Species

3.1.3.1 Biogenic Reef

3.1.3.1.1 *Mytilus edulis*

The mussel *M. edulis* was observed within the East A intertidal survey area and whilst it is not a species of conservational concern, this ecosystem engineer can create biogenic reef habitat.

The 'Interpretation Manual of European Union Habitats' defines Annex I reef habitat as:

"Reefs can be either biogenic concretions or of geogenic origin. They are hard compact substrata on solid and soft bottoms, which arise from the sea floor in the sublittoral and littoral zone. Reefs may support a zonation of benthic communities of algae and animal species as well as concretions and corallogenic concretions." (EC, 2013)

The Interpretation Manual clarifies that:

- *"Biogenic concretions" are defined as: concretions, encrustations, corallogenic concretions and bivalve mussel beds originating from dead or living animals, i.e. biogenic hard bottoms which supply habitats for epibiotic species";*
- *"Arise from the sea floor" means: the reef is topographically distinct from the surrounding seafloor;*
- *"Sublittoral and littoral zone" means: the reefs may extend from the sublittoral uninterrupted into the intertidal (littoral) zone or may only occur in the sublittoral zone, including deep water areas such as the bathyal" (EC, 2013).*

Within East A intertidal survey area, *M. edulis* was present on an approximately 150 m² area of mixed sediment in the lower mid shore to the west of the survey area ('*Mytilus edulis* beds on littoral mixed substrata' (A2.7211/LS.LBR.LMus.Myt.Mx); Section 3.1.2.2.6). This aggregation created a biogenic concretion that was topographically distinct from the surrounding seafloor and provided hard substrata for colonisation by other taxa. However, it does not extend from the intertidal to the subtidal region and therefore is unlikely to meet the criteria of Annex 1 reef.

The UK Biodiversity Action Plan (UKBAP) description of the priority habitat 'Blue Mussel Beds on Sediments' states that:

*"This habitat includes intertidal and subtidal beds of the blue mussel *Mytilus edulis* on a variety of sediment types and in a range of conditions from open coasts to estuaries, marine inlets and deeper offshore habitats."* (BRIG, 2011).

There is no requirement that the mussels extend from the intertidal to the subtidal with both described within this priority habitat. Therefore, despite being unlikely to be an Annex 1 biogenic reef, this mussel aggregation may qualify as the UKBAP priority habitat 'Blue Mussel Beds on Sediments'.

Figure 3.22 presents example photographs of this UKBAP priority habitat.

A



'Blue Mussel Beds on Sediments'

A: Photograph 200145_EA_206

Mixed (muddy sand, pebbles, cobbles)

Mussels (*Mytilus edulis*) aggregation

B: Photograph 200145_EA_212

Mixed (muddy sand, pebbles, cobbles)

Mussels (*Mytilus edulis*) aggregation

B



Figure 3.8: Example photographs of potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats, East A intertidal

3.1.3.2 Other Potentially Sensitive Habitats and Species

No other Annex I habitats or Annex II species, OSPAR threatened and/or declining species and habitats or UK Biodiversity Action Plan priority habitats and species (OSPAR, 2008; BRIG, 2011, JNCC, 2018; JNCC, 2019a; 2019b) were observed within the survey area.

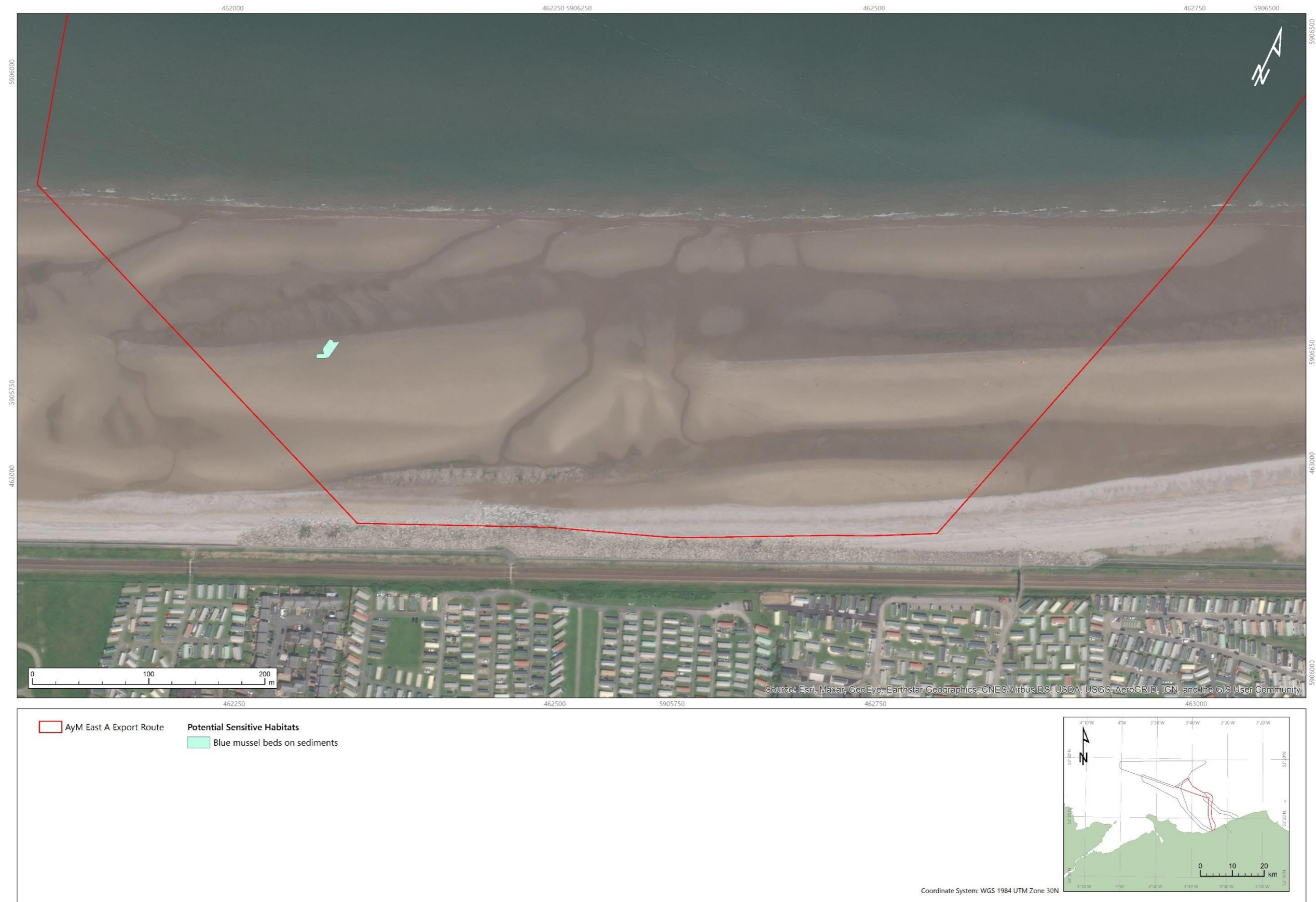


Figure 3.9: Potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats overlaid on aerial imagery, offshore East A

3.2 East B Intertidal

3.2.1 Field Operations

The benthic intertidal survey within the proposed East B intertidal export cable corridor was conducted on 21 August over two low spring tidal windows.

The temperature ranged from approximately 16 °C to 18 °C. Wind was 17 mph to 20 mph from the south until approximately 08:00, moving round to south-westerly and picking up the 43 mph by noon before decreasing to 21 mph to 24 mph. Skies were cloudy with intermittent rain and sea state was choppy.

Photographic logs and field notes (including target notes) are listed in Appendix B.1.2.

3.2.2 Intertidal Habitats and Fauna

The East B foreshore predominantly comprised sand, with areas of muddy sand interspersed across the mid shore. Areas of consolidated mud (peat) were present in the mid and upper shore (with some clay also exposed in the upper shore). A concrete/corrugated metal protected outflow pipe was present to the west of the survey area extending from the upper shore to the lower mid shore, with a muddy pool associated with the outflow. In the upper shore, areas of coarser sediments that were disturbed by wave action (e.g. pebbles, cobbles) were present. An area of more stable anthropogenic debris (e.g. concrete piles), boulders and bedrock was present in the upper east section of the survey area. Relatively evenly distributed wooden groynes were constructed along the upper shore. The shore was backed by a high cement seawall, beneath which were a series of sloping steps.

Table 3.2 presents the classification hierarchy for the habitats observed within the survey area. Figure 3.21 spatially presents the habitats observed across the survey area.

Table 3.2: Habitat classifications, East B intertidal

EUNIS (EEA, 2019) Habitat Classification						Equivalent JNCC (2015) Classification
Environment Level 1	Broad Habitat Level 2	Habitat Complex Level 3	Biotope Complex Level 4	Biotope Level 5	Sub-biotope Level 6	
A Marine habitat	A1 Littoral rock and other hard substrata	A1.1 High energy littoral rock	-	-	-	LR.HLR High energy littoral rock
			A1.11 Mussel and/or barnacle communities	-	-	LR.HLR.MusB Mussel and/or barnacle communities
			A1.111 <i>Mytilus edulis</i> and barnacles on very exposed eulittoral rock	-	-	LR.HLR.MusB.MytB <i>Mytilus edulis</i> and barnacles on very exposed eulittoral rock
			A1.113 <i>Semibalanus balanoides</i> on exposed to moderately exposed or vertical sheltered eulittoral rock	A1.1133 <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles	LR.HLR.MusB.Sem.LitX <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles	
		A1.2 Moderate energy littoral rock	A1.21 Barnacles and fucoids on moderately exposed shores	A1.212 <i>Fucus spiralis</i> on full salinity exposed to moderately exposed upper eulittoral rock	-	LR.MLR.BF.FspiB <i>Fucus spiralis</i> on exposed to moderately exposed upper eulittoral rock
		A1.4 Features of littoral rock	A1.41 Communities of littoral rockpools	-	-	LR.FLR.Rkp Rockpools
			A1.45 Ephemeral green or red seaweeds (freshwater or sand-influenced) on non-mobile substrata	-	-	LR.FLR.Eph (in part) Ephemeral green or red seaweed communities (freshwater or sand-influenced)
	A2 Littoral sediment	A2.1 Littoral coarse sediment	-	-	-	LS.LCS Littoral coarse sediment

EUNIS (EEA, 2019) Habitat Classification						Equivalent JNCC (2015) Classification
Environment Level 1	Broad Habitat Level 2	Habitat Complex Level 3	Biotope Complex Level 4	Biotope Level 5	Sub-biotope Level 6	
		A2.2 Littoral sand and muddy sand	-	-	-	LS.LSa Littoral sand
			A2.21 Strandline	A2.211 Talitrids on the upper shore and strandline	-	LS.LSa.St.Tal Talitrids on the upper shore and strandline
			A2.24 Polychaete/bivalve-dominated muddy sand shores	-	-	LS.LSa.MuSa Polychaete/bivalve-dominated muddy sand shores
				A2.245 <i>Lanice conchilega</i> in littoral sand	-	LS.LSa.Lan <i>Lanice conchilega</i> in littoral sand
		A2.8 Features of littoral sediment	A2.82 Ephemeral green or red seaweeds (freshwater or sand-influenced) on mobile substrata	A2.821 Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata	-	LR.FLR.Eph.EphX Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata
B Coastal habitat	B3 Rock cliffs, ledges and shores, including the supralittoral	B3.1 Supralittoral rock (lichen or splash zone)	B3.11 Lichens or small green algae on supralittoral and littoral fringe rock	-	-	LR.FLR.Lic Lichens or small green algae on supralittoral and littoral fringe rock
				B3.111 Yellow and grey lichens on supralittoral rock	-	LR.FLR.Lic.YG Yellow and grey lichens on supralittoral rock
<p>Notes</p> <p>EUNIS = European Nature Information System</p> <p>JNCC = Joint Nature Conservation Committee</p>						

3.2.2.1 Littoral Rock and Other Hard Substrata (A1)

The broad habitat 'Littoral rock and other hard substrata' (A1/LR) includes all hard substrata (e.g. bedrock, boulders and cobbles) that occurs in the splash zone and intertidal regions (EEA, 2019). Several areas of littoral rock and other substrata were observed, which were classified further within the following subsections.

3.2.2.1.1 High Energy Littoral Rock (A1.1)

The habitat complex 'High energy littoral rock' (A1.1/LR.HLR) includes hard substrata (particularly bedrock and boulders) that is extremely to moderately exposed, or tide swept (EEA, 2019).

The concrete surface of the upper reaches of the outflow pipe in the west of the East B intertidal survey area, the lower steps of the seawall at the top of the shore, and the tarmac sea defence to the east of the survey area, where no fauna or flora was observed (likely as a result of sand scour) were classified as this habitat complex.

The emergent peat and clay exposures observed within the mid and upper intertidal zones were classified as a variant of this habitat complex. Fauna and flora on these outcrops were generally sparse, comprised of ephemeral green seaweeds (*U. ?intestinalis*), with faunal tubes (Polychaeta) and burrows, including those with dead emergent piddocks (*Bivalvia*), observed. Those in the upper shore featured a denser population of ephemeral green seaweeds, and therefore the biotope '*Enteromorpha* spp. on freshwater-influenced and/or unstable upper eulittoral rock' (A1.451/LR.FLR.Eph.Ent; described in Section 3.1.2.1.2) was considered. However, the taxonomic composition of the biological communities on all emergent peat and clay was similar, and therefore they were classified together.

Figure 3.10 presents example photographs of this habitat complex.

A



B



A1.1/LR.HLR

A: Photograph 200145_EB_689

Anthropogenic littoral 'rock'
(cement on outflow pipe)

No flora or fauna observed

B: Photograph 200145_EB_318

Anthropogenic littoral 'rock'
(tarmac sea defence)

No flora or fauna observed

C



D



A1.11/LR.HLR variant

C: Photograph 200145_EB_231

Consolidated mud (peat)
Ephemeral green seaweeds
(*Ulva ?intestinalis*)
Faunal burrows (Bivalvia)

D: Photograph 200145_EB_692

Consolidated mud (peat)
Ephemeral green seaweeds
(*Ulva ?intestinalis*)
Faunal burrows (Bivalvia)

Figure 3.10: Example photographs of 'High energy littoral rock' (A1.1/LR.HLR), East B intertidal

3.2.2.1.2 Mussel and/or Barnacle Communities (A1.11)

The biotope complex 'Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB) is described as biological assemblages on very to moderately exposed upper to mid eulittoral hard substrata (specifically bedrock and boulders) that are dominated by mussels (*M. edulis*) or barnacles (Sessilia including *S. balanoides*), with limpets (*Patella* spp.) also present (EEA, 2019).

The boulders in the mid shore at the base of the outflow pipe to the west of the East B intertidal survey area, areas of boulders, bedrock and large concrete debris in the upper shore to the east of the survey area and the lower reaches of several upper shore wooden groynes were classified as this biotope complex. The biological community on all these hard substrata was dominated by barnacles (*S. balanoides*, *A. modestus*). Amongst boulders, winkles (*L. littorea*) and whelks (*N. lapillus*) were observed, with aggregations of the honeycomb reef worm *S. alveolata* present amongst the boulders at the base of the outflow pipe, in addition to limpets (*P. ?vulgata*). On wooden groynes, ephemeral red (*?Porphyra* sp.) and green (*U. ?intestinalis*) seaweeds were present. It is noted that the boulders in the mid shore at the base of the outflow pipe to the west and those in the upper shore to the east of the survey area featured an elevated abundance of winkles (*L. littorea*) and may be representative of the lower-level sub-biotope 'Semibalanus balanoides and Littorina spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX; Section 3.2.2.1.4). However, they were left at the higher-level biotope complex as, with the exception of the winkles, the physical and biological composition of these habitats was consistent with this habitat in West C.

Figure 3.11 presents example photographs of this biotope complex.

3.2.2.1.3 *Mytilus edulis* and Barnacles on Very Exposed Eulittoral Rock (A1.111)

The biotope '*Mytilus edulis* and barnacles on very exposed eulittoral rock' (A1.111/LR.HLR.MusB.MytB) is described as biological assemblages on very to exposed mid to lower eulittoral rock, including steep moderately exposed hard substrata, that are characterised by small individuals of mussels (*M. edulis*) interspersed with barnacles (*S. balanoides*) and limpets (*P. vulgata*). Small individuals or red seaweeds (e.g. *Ceramium* spp., *Corallina officinalis* and *M. stellatus*) may be present between the mussels, with foliose red seaweeds (*Porphyra umbilicalis* and *Palmaria palmata*) on the mussels. The abundance of red seaweeds generally increases down the shore, and where mussels occur on steep surfaces, red seaweeds are sparse and restricted to the lower extremes. Winkles (*Littorina* spp.) and whelks (*N. lapillus*) may occur where the hard substratum is morphologically complex (EEA, 2019).

The vertical, largely corrugated, edges of the outflow pipe in the mid shore to the west of the East B intertidal survey area were classified as this biotope. Dense aggregations of mussels (*M. edulis*) were observed interspersed with barnacles (*S. balanoides*), with limpets

(*P. ?vulgata*), winkles (*L. littorea*) and whelks (*N. lapillus*) present. Green (*U. ?intestinalis*) and red (*?Porphyra* sp.) ephemeral seaweeds were also present.

Figure 3.12 presents example photographs of this biotope.

3.2.2.1.4 *Semibalanus balanoides* and *Littorina* spp. on Exposed to Moderately Exposed Eulittoral Boulders and Cobbles (A1.1133)

The sub-biotope '*Semibalanus balanoides* and *Littorina* spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX) is described as large aggregations of exposed to moderately exposed eulittoral boulders, cobbles and pebbles colonised by barnacles (*S. balanoides*). Limpets (*P. vulgata*) are typically present on larger rocks with anemones (*A. equina*) in damp areas between/under boulders. Winkles (e.g. *L. littorea*, *L. saxatilis*) and whelks (*N. lapillus*) are typically abundant on and around cobbles and smaller boulders, with mussels (*M. edulis*), crabs (*C. maenas*) and gammarid amphipods between the cobbles and pebbles at low abundance. Ephemeral green seaweeds (*Ulva* sp.) may cover cobbles and boulders. Foliose red seaweeds (*C. crispus*, *M. stellatus* and *O. pinnatifida*) and wrack (*F. vesiculosus*) may be occur in low abundance on cobbles and boulders. On more sheltered shores, top shells (*S. cineraria* and *S. umbilicalis*) may be present under seaweeds or boulders. The barnacle *A. modestus* may be observed. Ephemeral green seaweeds can dominate during the summer (EEA, 2019).

Areas of pebbles, cobbles and boulders overlaying sand or consolidated mud (e.g. peat or clay) in the upper and mid shore of the East B survey area were classified as this sub-biotope. The biological assemblages within these areas were comprised of barnacles (*S. balanoides*, *A. modestus*) and winkles (*L. littorea*). Barnacle and winkle specimens were generally small within this sub-biotope in the East B survey area. A summer variant of this sub-biotope was delineated on more stable areas (e.g. in the upper shore sheltered by the outflow pipe) that featured an elevated abundance of ephemeral green seaweeds (*U. ?intestinalis*).

Figure 3.13 presents example photographs of this sub-biotope.



A: Photograph 200145_EB_172
 Anthropogenic boulders (at base of outflow pipe)
 Barnacles (Sessilia including *Semibalanus balanoides*), winkles (*Littorina littorea*), ephemeral green seaweeds (*Ulva ?intestinalis*)

B: Photograph 200145_EB_295
 Upper shore boulder
 Barnacles (*Semibalanus balanoides* and *Austrominius modestus*)



C: Photograph 200145_EB_027
 Anthropogenic wooden groyne
 Barnacles (Sessilia including *Semibalanus balanoides*), ephemeral green seaweeds (*Ulva ?intestinalis*)

D: Photograph 200145_EB_622
 Anthropogenic wooden groyne
 Barnacles (*Semibalanus balanoides* and *Austrominius modestus*), ephemeral green seaweeds (*Ulva ?intestinalis*)

Figure 3.11: Example photographs of 'Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB), East B intertidal



A: Photograph 200145_EB_171
 Anthropogenic littoral 'rock'
 (vertical edge outflow pipe)
 Mussels (*Mytilus edulis*), barnacles
 (Sessilia including
Semibalanus balanoides),
 ephemeral green seaweed
 (*Ulva ?intestinalis*)

B: Photograph 200145_EB_147
 Anthropogenic littoral 'rock'
 (vertical edge outflow pipe)
 Mussels (*Mytilus edulis*), barnacles
 (*Semibalanus balanoides*)



C: Photograph 200145_EB_800
 Anthropogenic littoral 'rock'
 (vertical edge outflow pipe)
 Mussels (*Mytilus edulis*), barnacles
 (Sessilia including
Semibalanus balanoides),
 ephemeral green seaweed
 (*Ulva ?intestinalis*)

D: Photograph 200145_EB_801
 Anthropogenic littoral 'rock'
 (vertical edge outflow pipe)
 Mussels (*Mytilus edulis*), barnacles
 (*Semibalanus balanoides*),
 ephemeral green seaweed
 (*Ulva ?intestinalis*)

Figure 3.12: Example photographs of '*Mytilus edulis* and barnacles on very exposed eu littoral rock' (A1.111/LR.HLR.MusB.MytB), East B intertidal

A



B



A1.1133/LR.HLR.MusB.Sem.LitX

A: Photograph 200145_EB_251

Cobbles, pebbles and boulders on sand

Barnacles (Sessilia), winkles (*Littorina littorea*)

B: Photograph 200145_EB_258

Cobbles, pebbles and boulders on sand

Barnacles (Sessilia including *Semibalanus balanoides*), winkles (*Littorina littorea*)

C



D



A1.1133/LR.HLR.MusB.Sem.LitX variant

C: Photograph 200145_EB_581

Pebbles and cobbles on sand

Barnacles (Sessilia), ephemeral green seaweed (*Ulva ?intestinalis*)

D: Photograph 200145_EB_208

Pebbles and cobbles on muddy sand

Barnacles (Sessilia including *Semibalanus balanoides*), ephemeral green seaweed (*Ulva ?intestinalis*)

Figure 3.13: Example photographs of '*Semibalanus balanoides* and *Littorina* spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX), East B intertidal

3.2.2.1.5 *Fucus spiralis* on Full Salinity Exposed to Moderately Exposed Upper Eulittoral Rock (A1.212)

The biotope '*Fucus spiralis* on full salinity exposed to moderately exposed upper eulittoral rock' (A1.212; equivalent to '*Fucus spiralis* on exposed to moderately exposed upper eulittoral rock' (LR.MLR.BF.FspiB)) is described as biological assemblages on exposed to moderately exposed upper eulittoral hard substrata (e.g. cobbles, boulders, bedrock) characterised by the wrack *F. spiralis*, likely overlying lichens (e.g. *V. maura* and *Verrucaria mucosa*). The undercanopy community typically comprises limpets (*P. vulgata*), winkles (*L. saxatilis* and *L. littorea*), whelks (*N. lapillus*), mussels (*M. edulis*) and barnacles (*S. balanoides*). During the summer months ephemeral green seaweeds (e.g. *Ulva intestinalis*) may be common. Springtails (*Anurida maritima*) can be present (EEA, 2019).

Areas of boulders, debris and bedrock in the upper shore to the east of the East B survey area and sections of the wooden groynes were classified as this biotope. Wrack (*F. spiralis*) characterised these areas, with an understory of barnacles (*S. balanoides*, *A. modestus*) and winkles (*L. littorea*). Ephemeral green (*U. ?intestinalis*) and red (*?Porphyra* sp.) seaweeds were also abundant on wooden groynes and boulders, where barnacles and winkles were less so.

Figure 3.14 presents example photographs of this biotope.

3.2.2.1.6 Communities of Littoral Rockpools (A1.41)

The biotope complex 'Communities of littoral rockpools' (A1.41; equivalent to 'Rockpools' (LR.FLR.Rkp)) is described as depressions in bedrock that retain seawater as pools at low tide. Rockpool communities are permanently submerged by seawater and so are not directly affected by height on shore and are considered a separate habitat type (EEA, 2019).

An approximately 8 m² pool was present within an exposed area of consolidated mud (peat) in the upper shore to the east of the survey area. This pool had a mixed sediment bottom (consolidated mud, sand, pebbles, cobbles, boulders). Additionally, a line of small pools (each < 0.5 m²) was present at the base of the seawall. In all pools, ephemeral green seaweeds (*U. ?intestinalis*) were present in varying proportions.

Figure 3.15 presents example photographs of this biotope complex.

A



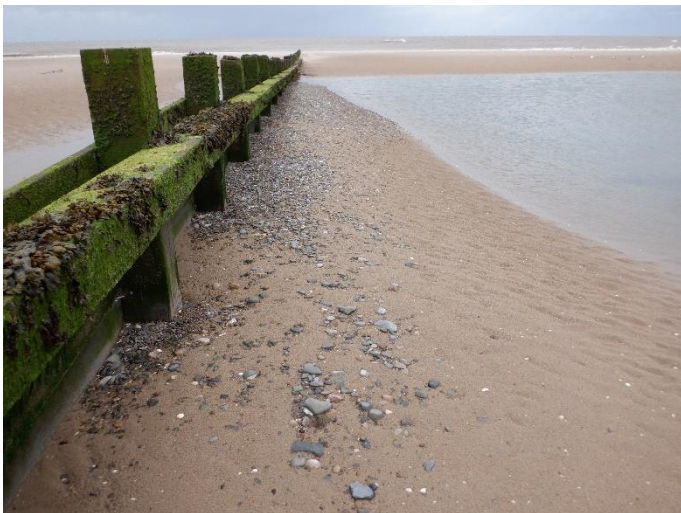
B



A: Photograph 200145_EB_297
Boulders with sand ingress
Wrack (*Fucus spiralis*), barnacles
(Sessilia), winkles
(*Littorina littorea*)

B: Photograph 200145_EB_279
Boulders with sand ingress
Wrack (*Fucus spiralis*), barnacles
(Sessilia), winkles
(*Littorina littorea*)

C



D



C: Photograph 200145_EB_731
Anthropogenic wooden groyne
Wrack (*Fucus spiralis*), ephemeral
green seaweed (*Ulva ?intestinalis*)

D: Photograph 200145_EB_514
Anthropogenic wooden groyne
Wrack (*Fucus spiralis*), barnacles
(Sessilia)

Figure 3.14: Example photographs of '*Fucus spiralis* on full salinity exposed to moderately exposed upper eulittoral rock' (A1.212/LR.MLR.BF.FspiB), East B intertidal

3.2.2.1.7 Ephemeral Green or Red Seaweeds (Freshwater or Sand-influenced) on Non-mobile Substrata (A1.45)

The biotope complex 'Ephemeral green or red seaweeds (freshwater or sand-influenced) on non-mobile substrata' (A1.45; equivalent to part of 'Ephemeral green or red seaweed communities (freshwater or sand-influenced)' (LR.FLR.Eph)) is described as non-mobile hard substrata (e.g. bedrock, boulders) with biological assemblages dominated by green (*U. intestinalis*, *Ulva lactuca*) and red (*Rhodothamniella floridula*, *Porphyra purpurea*) seaweeds. Winkles (*L. littorea*, *L. saxatilis*), limpets (*P. vulgata*) and barnacles (*S. balanoides*, or in areas of low salinity *A. modestus*) can be present in low abundance. Where boulders are present, crabs (*C. maenas*) may be occur (EEA, 2019).

The upper surface of the raised outflow pipe to the west of the East B intertidal survey area, middle sections of several wooden groynes and an area of upper shore sea defence (tarmac) in the east of the survey area were classified as this biotope. These areas were dominated by green ephemeral seaweeds (*U. ?intestinalis*), with the groynes also featuring red ephemeral seaweeds (?*Porphyra* sp.).

Figure 3.15 presents example photographs of this biotope complex.



A1.41/LR.FLR.Rkp
A: Photograph 200145_EB_354
 Pool in consolidated mud.
 Ephemeral green seaweed
 (*Ulva ?intestinalis*)

B: Photograph 200145_EB_599
 Pools in anthropogenic littoral
 'rock' (cement seawall)
 Ephemeral green seaweed
 (*Ulva ?intestinalis*)



A1.45/LR.FLR.Eph
C: Photograph 200145_EB_731
 Anthropogenic littoral 'rock'
 (cement on outflow pipe)
 Ephemeral green seaweed
 (*Ulva ?intestinalis*)

D: Photograph 200145_EB_320
 Anthropogenic littoral 'rock'
 (tarmac sea defence)
 Ephemeral green seaweed
 (*Ulva ?intestinalis*)

Figure 3.15: Example photographs 'Communities of littoral rockpools' (A1.41/LR.FLR.Rkp) and 'Ephemeral green or red seaweeds (freshwater or sand-influenced) on non-mobile substrata' (A1.45/LR.FLR.Eph), East B intertidal

3.2.2.2 Littoral Sediment (A2)

The broad habitat 'Littoral sediment' (A2/LS) includes habitats of cobbles, pebbles, sand and mud or any combination of these that occur in the intertidal zone (EEA, 2019). Several areas of littoral sediment were observed, which were classified further within the following subsections.

3.2.2.2.1 Littoral Coarse Sediment (A2.1)

The habitat complex 'Littoral coarse sediment' (A2.1/LS.LCS) is described as habitats of eulittoral pebbles, cobbles and varying proportions of coarse sand that are mobile and subject to drying out between tides. Highly mobile littoral coarse sediments are species poor, largely devoid of infauna, while gravelly shores may support limited numbers of arthropods (e.g. the amphipod *E. incertae sedis planicrurus*). Littoral coarse sediments generally occur on relatively exposed open coasts and may be present on the upper areas of otherwise sandy shores (EEA, 2019).

Small areas of coarse sediment comprised largely of pebbles (with a smaller proportion of cobbles and sand) were present to the east of several wooden groynes. Larger areas of coarse sediment comprising a lower proportion of pebbles (and a larger proportion of sand) were present in the mid shore (behind a relatively large peat exposure to the west of the survey area) and upper shore (between the wooden groynes). Both forms were classified as the habitat complex 'Littoral coarse sediment'. These areas were devoid of epifauna, with no observed infauna.

Figure 3.16 presents example photographs of this habitat complex.

3.2.2.2.2 Littoral Sand and Muddy Sand (A2.2)

The habitat complex 'Littoral sand and muddy sand' (A2.2; equivalent in part to 'Littoral sand' (LS.LSa)) is described as clean sands (coarse, medium or fine-grained) and muddy sands comprising < 25 % mud (silt and clay). Shell fragments and gravel may occasionally be present on the surface. Littoral sands dry out to varying degrees at low tide dependent on shore gradient, sediment grade and position of habitat in the shore (EEA, 2019).

The majority of the eulittoral zone within the East B survey area was classified as the habitat complex 'Littoral sand and muddy sand'. Most of the shore comprised sands, with varying proportions of mud, gravel and shell fragments, devoid of epifauna, with sparse infauna comprised of bivalves (e.g. *L. balthica*, *Cerastoderma edule*), polychaetes (e.g. *Nephtys* sp.) and arthropods (Amphipoda). Lugworm casts (*Arenicola* sp.) were regularly observed.

Figure 3.17 presents example photographs of this habitat complex.

3.2.2.2.3 Talitrids on the Upper Shore and Strandline (A2.211)

The biotope 'Talitrids on the upper shore and strandline' (A2.211/LS.LSa.St.Tal) is described as a biological community of talitrid amphipods (e.g. *Talitrus saltator*, *Talorchestia deshayesii*,

Orchestia spp.) on the strandline, where drifts of decomposing seaweed and other debris accumulate. This typically occurs on sandy shores, but can occur on a wide variety of sedimentary or rocky shores. The position of this biotope varies with the tide and weather, moving up the shore after storms or during spring tides (EEA, 2019).

The sand in the upper shore of the majority of the East B survey area, below the seawall, was classified as this biotope. The shore was surveyed on a spring tide during high winds, with little macrofaunal debris observed. However, burrows were observed throughout and talitrid sandhoppers were present.

Figure 3.17 presents example photographs of this biotope.

3.2.2.2.4 Polychaete/Bivalve-dominated Muddy Sand Shores (A2.24)

The biotope complex 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa) is described as muddy or fine sands, that remain saturated with water at low tide. This occurs predominantly on the mid to low shore (although it can span the intertidal) and can occur as extensive intertidal flats on open coasts and marine inlets. The habitat may be subject to variable salinity conditions and an anoxic layer may be present 5 cm or more from the sediment surface, sometimes seen as worm casts on the surface. The infaunal community consists of a diverse range of amphipods, bivalves, gastropods and polychaetes (EEA, 2019).

Areas of muddy sand were observed within the mid to low shore of the East B survey area, generally associated with freshwater flow and thus variable salinity conditions (for example the outflow pool and areas of freshwater flow down the shore at low water). A degree of standing water was present in areas of muddy sand and an anoxic layer was observed at variable depths. Diatoms were present on the surface as a brown film. Infauna was sparse, with bivalves (*L. balthica*) and polychaetes present. These areas were classified as the biotope complex 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa).

Figure 3.18 presents example photographs of this biotope complex.

Within the previously mentioned 'Sand and muddy sand' habitat complex (Section 3.2.2.2.2), anoxic lugworm casts (*Arenicola* sp.) were observed sporadically (Figure 3.17), indicating that this biotope complex may be more prevalent than recorded in the field. However, this cannot be confirmed without further sediment sampling.

A



B



A: Photograph 200145_EB_736
Coarse sediment (sand, pebbles)
No fauna or flora observed

B: Photograph 200145_EB_734
Coarse sediment (sand, pebbles)
No fauna or flora observed

C



D



C: Photograph 200145_EB_735
Coarse sediment (sand, pebbles)
No fauna or flora observed

D: Photograph 200145_EB_738
Coarse sediment (sand, pebbles)
No fauna or flora observed

Figure 3.16: Example photographs of 'Littoral coarse sediment' (A2.1/LS.LCS), East B intertidal

A



B



A2.2/LS.LSa

A: Photograph 200145_EB_623

Sand

No fauna or flora observed

B: Photograph 200145_EB_042

Sand

Worm casts (*Arenicola* sp.) –
some anoxic

C



D



A2.211/LS.LSa.St.Tal

C: Photograph 200145_EB_305

Drift sand and pebbles

No fauna or flora observed

D: Photograph 200145_EB_308

Drift sand and pebbles

No fauna or flora observed

Figure 3.17: Example photographs of 'Littoral sand and muddy sand' (A2.2/LS.LSa) and 'Talitrids on the upper shore and strandline' (A2.211/LS.LSa.St.Tal), East B intertidal

A



B



A: Photograph 200145_EB_135

Muddy sand associated with
outflow pool

Diatom film

B: Photograph 200145_EB_136

Muddy sand

No fauna or flora observed

C



D



C: Photograph 200145_EB_181

Muddy sand

Lugworm casts (*Arenicola* sp.)

D: Photograph 200145_EB_039

Muddy sand

Diatom film

Figure 3.18: Example photographs 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa), East B intertidal

3.2.2.2.5 *Lanice conchilega* in Littoral Sand (A2.45)

The biotope complex '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan) is described as occurring on muddy to medium fine sand flats, on the low shore or waterlogged mid shore. The sediment may contain a proportion of shell fragments and gravel, and the biotope complex may be present on the low rocky shore, where sandy sediments accumulate between larger sediment fractions. This biotope complex usually occurs in areas sheltered from strong wave action, but can be present in tide swept conditions and sediment may be mobile. The sediment supports abundant sand mason worms (*L. conchilega*), other sand scour/mobile sediment tolerant polychaetes (e.g. *P. mucosa*, *A. minuta*, *E. sanguinea*, *N. hombergii*, *P. elegans*, *S. armiger* and *Tharyx* spp.), mud shrimp (*C. arenarium*) and cockles (*C. edule*). The baltic tellin (*L. balthica*) may also be present (EEA, 2019).

Along the low shore of the East B survey area, at the tidal limit (and also a small waterlogged patch further up the shore), the sand mason worm (*L. conchilega*) was observed in high abundance in sandy sediments with varying degrees of shell fragments. These areas were classified as '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan).

Figure 3.19 presents example photographs of this biotope complex.

3.2.2.2.6 Ephemeral Green and Red Seaweeds on Variable Salinity and/or Disturbed Eulittoral Mixed Substrata (A2.821)

The biotope 'Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata' (A2.821/LR.FLR.Eph.EphX) is described as eulittoral mixed sediment (pebbles and cobbles on sand or mud) that are influenced by variable salinity and/or siltation. This habitat is usually present in sheltered condition, in the mid or upper shore. These mixed sediments are characterised by ephemeral green (*Ulva* spp.) and red (*Porphyra* spp.) seaweeds, in addition to colonial diatoms covering the surface of the substrata. Barnacles (*S. balanoides*, *A. modestus*) and mussels (*M. edulis*) may occur in low abundance, with crabs (*C. maenas*), winkles (*L. littorea*) and gammarids also present. Cockles (*C. edule*), lugworms (*A. marina*) and sand mason worms (*L. conchilega*) are generally present.

The submerged mixed sediment (muddy sand, pebbles, cobbles, boulders) in the pool at the base of the outflow pipe was influenced by variable salinity and siltation was apparent, and was classified as this biotope. Green ephemeral seaweeds (*U. lactuca*, *U. ?intestinalis*) dominated, with the occasional barnacle (*S. balanoides*) and winkle (*L. littorea*) present.

Figure 3.19 presents example photographs of this biotope



A2.45/LS.LSa.Lan

A: Photograph 200145_EB_058

Sand at lower tidal limit

Sand mason worm

(*Lanice conchilega*)

B: Photograph 200145_EB_0949

Waterlogged sand

Sand mason worm

(*Lanice conchilega*)

A2.821/LR.FLR.Eph.EphX

C: Photograph 200145_EB_167

Submerged mixed sediment
(muddy sand, pebbles, cobbles,
boulders)

Ephemeral green seaweed

(*Ulva ?intestinalis*)

D: Photograph 200145_EB_125

Submerged mixed sediment
(muddy sand, pebbles, cobbles,
boulders)

Ephemeral green seaweed

(*Ulva ?intestinalis*), barnacles

(Sessilia including

Semibalanus balanoides), diatom

film

Figure 3.19: Example photographs 'Lanice conchilega in littoral sand' (A2.45/LS.Lsa.Lan) and 'Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata' (A2.821/LR.FLR.Eph.EphX), East B intertidal

3.2.2.3 Rock Cliffs, Ledges and Shores, including the Supralittoral (B3)

The broad habitat 'Rock cliffs, ledges and shores, including the supralittoral (B3) is described as coastal rock exposures (adjacent to seawater, or separated by a narrow shoreline) (EEA, 2019). Several areas of hard substrata (all of anthropogenic origin) were observed in the supralittoral, which were classified further within the following subsections.

3.2.2.3.1 Lichens or Small Green Algae on Supralittoral and Littoral Fringe Rock (B3.11)

The biotope complex 'Lichens or small green algae on supralittoral and littoral fringe rock' (B3.11/LR.FLR.Lic) is described as a distinct zone of lichen communities that is present within the 'splash' zone on most rocky shores (above the zone that is subject to regular tidal emersion, which blends into angiosperm-dominated communities at its upper boundary). The width of the lichen band varies considerably, depending on exposure to wave action. On very exposed coasts, the zone can be very wide, whilst on more sheltered coasts it may be narrow. The lichen communities are comprised of yellow and grey lichens (e.g. *C. marina*, *Caloplaca thallincola*, *X. parietina*, *Ramalina* sp.), black lichens (*V. maura*) or small green seaweeds (e.g. *Blidingia minima*, *Prasiola stipitata*, *Ulothrix flacca*, *Urospora penicilliformis*, *Urospora wormskioldii*). Winkles (*L. saxatilis*) may also be present (EEA, 2019).

On the elevated upper sections of several wooden groynes (areas that were not likely to be immersed on all high tides), a green turf was observed comprised of *Blidingia* sp. and *Ulothrix* sp. from surface scrapes. These areas were classified as 'Lichens or small green algae on supralittoral and littoral fringe rock' (B3.11/LR.FLR.Lic).

Figure 3.20 presents example photographs of this biotope complex.

3.2.2.3.2 Yellow and Grey Lichens on Supralittoral Rock (B3.111)

The biotope 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG) is described as a diverse community of yellow and grey lichens (e.g. *C. marina*, *X. parietina*, *T. atra*, *Ramalina* sp.) on vertical to gently sloping bedrock and stable boulders, including artificial substrata such as sea defences, in the supralittoral zone. Black lichen (*V. maura*) can also be present. The width of the lichen band is generally wider in wave exposed areas. Where the hard substratum is morphologically complex and pools, damp areas and crevices occur, winkles (e.g. *L. saxatilis*) and halacarid mites may be observed. Terrestrial plants such as thrift (*A. maritima*) may occur (EEA, 2019).

On the upper sections of several groynes and in patches along the seawall at varying vertical heights, grey, yellow and black lichens were observed. These areas were classified as 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG).

Figure 3.20 presents example photographs of this biotope.



B3.11/LR.FLR.Lic

A: Photograph 200145_EB_409
 Anthropogenic wooden groyne
 Ephemeral green algae
 (*Blidingia* sp. and/or *Ulothrix* sp.),
 lichen (*Verrucaria* sp.)

B: Photograph 200145_EB_506
 Anthropogenic wooden groyne
 Ephemeral green algae
 (*Blidingia* sp. and/or *Ulothrix* sp.),
 lichen (*Verrucaria* sp.)



B3.111/LR.FLR.Lic.YG

C: Photograph 200145_EB_459
 Anthropogenic wooden groyne
 Yellow, grey and white lichens
 (including *Verrucaria* sp.)

D: Photograph 200145_EB_0949
 Anthropogenic supralittoral 'rock'
 (concrete seawall)
 Yellow and grey lichens

Figure 3.20: Example photographs 'Lichens or small green algae on supralittoral and littoral fringe rock' (B3.11/LR.FLR.Lic) and 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG), East B intertidal

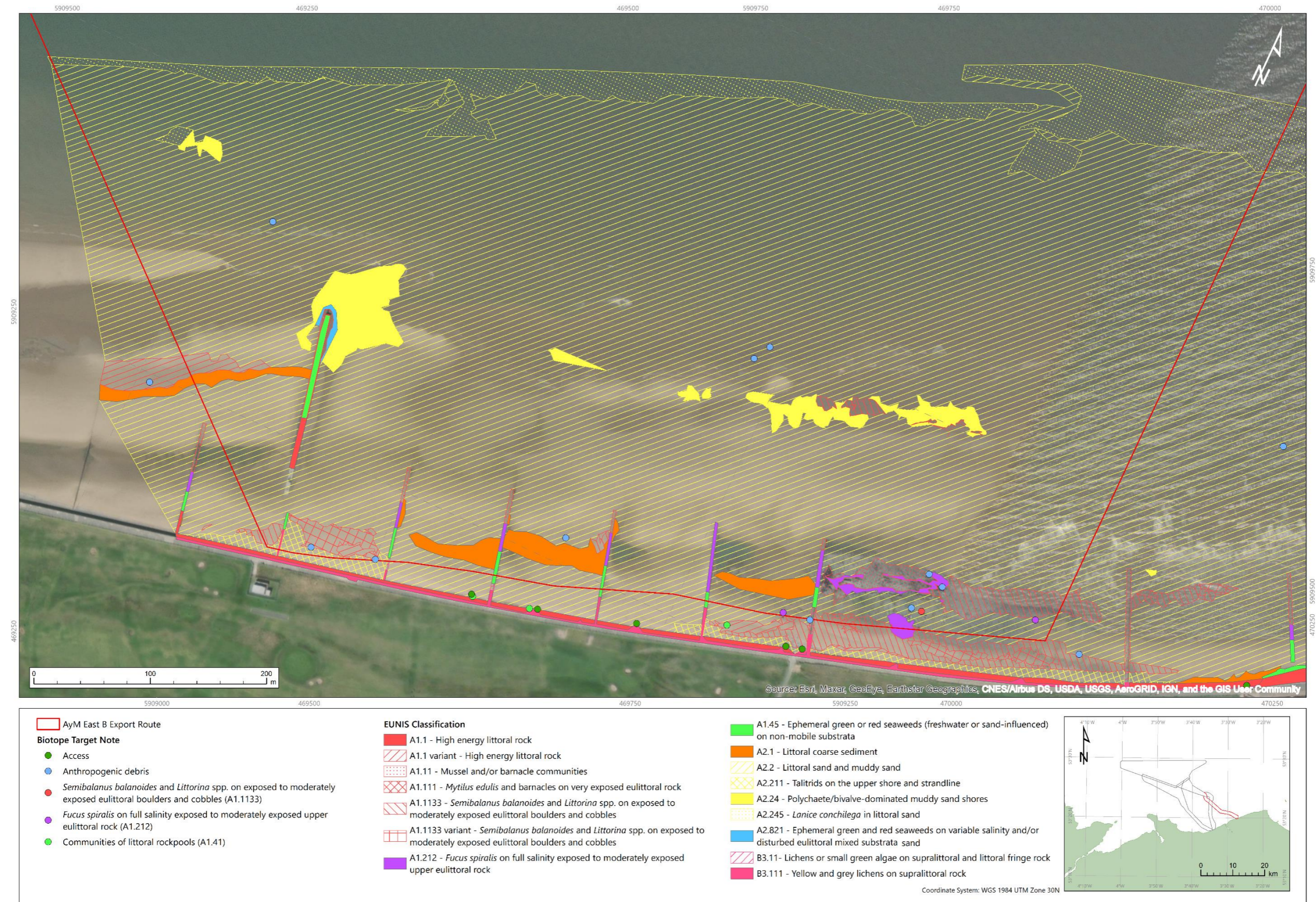


Figure 3.21: EUNIS (EEA, 2019) habitat classification map, offshore East B

3.2.3 Potential Sensitive Habitats and Species

3.2.3.1 Biogenic Reef

The honeycomb reef worm *S. alveolata* and the mussel *M. edulis* were both observed within the East B intertidal survey area and whilst neither is a species of conservational concern, these ecosystem engineers can create biogenic reef habitat. The definition of Annex I reef is presented in Section 3.1.3.1.

3.2.3.1.1 *Mytilus edulis*

Within the East B intertidal survey area, *M. edulis* was present on the vertical surfaces of the outflow pipe to the west ('*Mytilus edulis* and barnacles on very exposed eulittoral rock' (A1.111/LR.HLR.MusB.MytB); Section 3.2.2.1.3), but did not arise naturally from the seafloor with elevation of more anthropogenic origin. Although mussels were present in a dense aggregation, this was as a relatively narrow band on the vertical structure (< 1 m wide, with a < 5 cm horizontal footprint). This mussel population does not extend from the intertidal to the subtidal region and therefore is unlikely to meet the criteria of Annex 1 reef.

The UKBAP description of the priority habitat 'Blue Mussel Beds on Sediments' is presented in Section 3.1.3.1.1 and has no requirement that the reef structures must extend from the intertidal to the subtidal (BRIG, 2011). It is noted that the priority habitat only applies to 'natural' beds on a variety of sediment types, and specifically excludes artificially created mussel beds, and mussel beds on structures of anthropogenic origin and those on rock and boulders (BRIG, 2011). Therefore, this mussel aggregation is not considered to represent the UKBAP priority habitat 'Blue Mussel Beds on Sediments'.

3.2.3.1.2 *Sabellaria alveolata*

Sabellaria alveolata was observed as small hummocks and crusts in the boulders at the base of the outflow pipe ('Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB); Section 3.2.2.1.2), in addition to a small crust in the upper shore to the west of the survey area ('*Fucus spiralis* on full salinity exposed to moderately exposed upper eulittoral rock' (A1.212; equivalent to '*Fucus spiralis* on exposed to moderately exposed upper eulittoral rock' (LR.MLR.BF.FspiB); Section 3.2.2.1.5). Where hummocks were present, they did not create an area of hard compact substrata distinct from the surrounding shore, but were more contained within the boulders. Additionally, they do not extend from the intertidal to the subtidal region and therefore are unlikely to meet the criteria of Annex 1 reef.

The UKBAP description of the priority habitat '*Sabellaria alveolata* Reefs' states that:

"Sabellaria alveolata reefs are formed by the honeycomb worm Sabellaria alveolata which constructs tubes in tightly packed masses with a distinctive honeycomb-like appearance. These reefs can be up to 30 or even 50 cm thick and take the form of hummocks, sheets or more massive formations. Reefs are mainly found on the bottom third of the shore, but may reach mean high water of neap tides and extend into the shallow subtidal in places. They do not seem

to penetrate far into low salinity areas. Reefs form on a variety of hard substrata, from pebbles to bedrock, in areas with a good supply of suspended sand grains from which the animals form their tubes, and include areas of sediment when an attachment has been established. The larvae are strongly stimulated to settle by the presence of existing colonies or their dead remains. S. alveolata has a very variable recruitment and the cover in any one area may vary greatly over a number of years, although in the long term reefs tend mainly to be found on the same shores." (BRIG, 2011).

There is no requirement that the reef structures to extend from the intertidal to the subtidal within the UKBAP priority habitat description. Aggregations of *S. alveolata* up to approximately 30 cm were present between the boulders in rock dump as sheets or hummocks. Therefore, there was the potential for the UKBAP priority habitat 'Sabellaria alveolata Reefs'.

Figure 3.5 presents example photographs of this UKBAP priority habitat.

3.2.3.2 Peat and Clay Exposures with Piddocks

Consolidated mud exposures were observed in the upper and mid shore of the East B survey area ('High energy littoral rock' (A1.1/LR.HLR) variant; Section 3.2.2.1.1). Burrows, with emergent piddock shells (*Bivalvia*) were observed within some areas of this substrata.

The UK Biodiversity Action Plan (UKBAP) description of the priority habitat 'Peat and Clay Exposures with Piddocks' states that:

"This habitat includes littoral and sublittoral examples of peat and clay exposures, both of which are soft enough to allow them to be bored by a variety of piddocks, particularly Pholas dactylus, Barnea candida and Barnea parva. Peat and clay exposures with either existing or historical evidence of piddock activity are unusual communities of limited extent, adding to the biodiversity interest where they occur. These unique and fragile habitats are irreplaceable, arising from former lake bed sediments and ancient forested peatland (or 'submerged forests'). Depending on erosion at the site, both clay and peat can occur together or independently of each other." (BRIG, 2011).

Within the East B survey area, the majority of consolidated mud exposures comprised peat, with a combination of peat and clay in the upper shore to the east of the survey area. Burrows were observed in all consolidated mud exposures, with piddock shells emergent in the mid shore and upper shore to the west of the survey area indicating either current or historical evidence of piddock activity. Therefore, the UKBAP priority habitat 'Peat and Clay Exposures with Piddocks' is likely to occur within the survey area.

Figure 3.22 presents example photographs of this UKBAP priority habitat.

3.2.3.3 Other Potentially Sensitive Habitats and Species

No other Annex I habitats or Annex II species, OSPAR threatened and/or declining species and habitats or UK Biodiversity Action Plan priority habitats and species (OSPAR, 2008; BRIG, 2011, JNCC, 2018; JNCC, 2019a; 2019b) were observed within the survey area.

A



B



'Sabellaria alveolata Reefs'

A: Photograph 200145_EB_159
 Anthropogenic boulders (at base of outflow pipe)
 Honeycomb reef worm (*Sabellaria alveolata*) aggregations

B: Photograph 200145_EB_155
 Anthropogenic boulders (at base of outflow pipe)
 Honeycomb reef worm (*Sabellaria alveolata*) aggregations

C



D



'Peat and Clay Exposures with Piddocks'

C: Photograph 200145_EB_385
 Consolidated mud (peat)
 Ephemeral green seaweeds (*Ulva ?intestinalis*)

D: Photograph 200145_EB_838
 Consolidated mud (peat)
 Ephemeral green seaweeds (*Ulva* spp. including *Ulva ?intestinalis*)
 Piddocks (*Bivalvia*)

Figure 3.22: Example photographs of potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats, East B intertidal



Figure 3.23: Potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats overlaid on aerial imagery, East B intertidal

3.3 West C Intertidal

3.3.1 Field Operations

The benthic intertidal survey within the proposed West C intertidal export cable corridor was largely conducted on 19 and 20 August over three low spring tidal windows. Some additional photos were captured on 21 August.

The temperature ranged from approximately 15 °C to 20 °C. Wind was 14 mph to 16 mph from the south. Skies were partly cloudy and sea state was calm.

Photographic logs and field notes (including target notes) are listed in Appendix B.1.3.

3.3.2 Intertidal Habitats and Fauna

The West C foreshore predominantly comprised sand, with coarser sediments that were disturbed by wave action (e.g. pebbles, cobbles) in the upper shore. An area of exposed consolidated mud (clay) was observed in the low shore in the centre of the survey area. The mid shore was interrupted by several boulder breakwaters, with finer sediments building up to the east of these. Two metal outflow pipes extended from the upper mid shore to the low shore in the east of the survey area. The shore was backed by a cement seawall, beneath which shingle pioneer communities had developed.

Table 3.3 presents the classification hierarchy for the habitats observed within the survey area. Figure 3.33 spatially presents the habitats observed across the survey area.

Table 3.3: Habitat classifications, West C intertidal

EUNIS (EEA, 2019) Habitat Classification						Equivalent JNCC (2015) Classification
Environment Level 1	Broad Habitat Level 2	Habitat Complex Level 3	Biotope Complex Level 4	Biotope Level 5	Sub-biotope Level 6	
A Marine habitat	A1 Littoral rock and other hard substrata	A1.1 High energy littoral rock	-	-	-	LR.HLR High energy littoral rock
			A1.11 Mussel and/or barnacle communities	-	-	LR.HLR.MusB Mussel and/or barnacle communities
			A1.111 <i>Mytilus edulis</i> and barnacles on very exposed eulittoral rock	-	-	LR.HLR.MusB.MytB <i>Mytilus edulis</i> and barnacles on very exposed eulittoral rock
			A1.113 <i>Semibalanus balanoides</i> on exposed to moderately exposed or vertical sheltered eulittoral rock	A1.1133 <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles	LR.HLR.MusB.Sem.LitX <i>Semibalanus balanoides</i> and <i>Littorina</i> spp. on exposed to moderately exposed eulittoral boulders and cobbles	
	A2 Littoral sediment	A2.1 Littoral coarse sediment	-	-	-	LS.LCS Littoral coarse sediment
			A2.11 Shingle (pebble) and gravel shores	-	-	LS.LCS.Sh Shingle (pebble) and gravel shores
			A2.111 Barren littoral shingle	-	-	LS.LCS.Sh.BarSh Barren littoral shingle
		-	-	-	LS.LSa Littoral sand	

EUNIS (EEA, 2019) Habitat Classification						Equivalent JNCC (2015) Classification
Environment Level 1	Broad Habitat Level 2	Habitat Complex Level 3	Biotope Complex Level 4	Biotope Level 5	Sub-biotope Level 6	
		A2.2 Littoral sand and muddy sand	A2.24 Polychaete/bivalve-dominated muddy sand shores	-	-	LS.LSa.MuSa Polychaete/bivalve-dominated muddy sand shores
				A2.45 <i>Lanice conchilega</i> in littoral sand	-	LS.LSa.Lan <i>Lanice conchilega</i> in littoral sand
		A2.7 Littoral biogenic reefs	A2.72 Littoral mussel beds on sediment	A2.721 <i>Mytilus edulis</i> beds on littoral sediments	A2.7212 <i>Mytilus edulis</i> beds on littoral sand	LS.LBR.LMus.Myt.Sa <i>Mytilus edulis</i> beds on littoral sand
		A2.8 Features of littoral sediment	A2.82 Ephemeral green or red seaweeds (freshwater or sand-influenced) on mobile substrata	A2.821 Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata	-	LR.FLR.Eph.EphX Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata
B Coastal habitat	B2 Coastal shingle	B2.3* Upper shingle beaches with open vegetation	-	-	-	H3 Shingle/gravel above high tide mark†
	B3 Rock cliffs, ledges and shores, including the supralittoral	B3.1 Supralittoral rock (lichen or splash zone)	B3.11 Lichens or small green algae on supralittoral and littoral fringe rock	B3.111 Yellow and grey lichens on supralittoral rock	-	LR.FLR.Lic.YG Yellow and grey lichens on supralittoral rock
<p>Notes</p> <p>EUNIS = European Nature Information System</p> <p>JNCC = Joint Nature Conservation Committee</p>						

3.3.2.1 Littoral Rock and Other Hard Substrata (A1)

The broad habitat 'Littoral rock and other hard substrata' (A1/LR) includes all hard substrata (e.g. bedrock, boulders and cobbles) that occurs in the splash zone and intertidal regions (EEA, 2019). Several areas of littoral rock and other substrata were observed, which were classified further within the following subsections.

3.3.2.1.1 High Energy Littoral Rock (A1.1)

The habitat complex 'High energy littoral rock' (A1.1/LR.HLR) includes hard substrata (particularly bedrock and boulders) that is extremely to moderately exposed, or tide swept (EEA, 2019).

In the upper shore, south-west of the proposed West C intertidal cable corridor, the metal surface of the upper reaches of an outflow pipe, where no fauna or flora was observed, was classified as this habitat complex.

A broken band of emergent consolidated mud (clay) exposures observed within the low shore in the centre of the proposed cable corridor was classified as a variant of this habitat complex. Cryptic signs of fauna were observed, with dense aggregations of faunal tubes (Polychaeta including ?*Polydora* sp.) and numerous burrows, including those with dead emergent piddocks (*Bivalvia*) observed.

Figure 3.24 presents example photographs of this habitat complex.

A



B



C



D



A1.1/LR.HLR

A: Photograph 200145_WC_455

Anthropogenic littoral 'rock'
(metal outflow pipe)

No flora or fauna observed

A1.11/LR.HLR variant

B: Photograph 200145_WC_277

Consolidated mud (clay)

Faunal burrows (Bivalvia)

C: Photograph 200145_WC_280

Consolidated mud (clay)

Faunal tubes (?*Polydora* sp.)

D: Photograph 200145_WC_284

Consolidated mud (clay)

Faunal burrows (Bivalvia)

Figure 3.24: Example photographs of 'High energy littoral rock' (A1.1/LR.HLR), West C intertidal

3.3.2.1.2 Mussel and/or Barnacle Communities (A1.11)

The biotope complex 'Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB) is described as biological assemblages on very to moderately exposed upper to mid eulittoral hard substrata (specifically bedrock and boulders) that are dominated by mussels (*M. edulis*) or barnacles (Sessilia including *S. balanoides*), with limpets (*Patella* spp.) also present (EEA, 2019).

Four boulder breakwaters were observed along the mid shore, two at least part within the proposed West C cable corridor and two to the west. The biological community on all these anthropogenic hard substrata was dominated by barnacles (*S. balanoides*, *A. modestus*). Amongst the boulders, winkles (*L. littorea*), whelks (*N. lapillus*) and anemones (*A. equina*) were observed, with aggregations of the honeycomb reef worm (*S. alveolata*) present in the lower regions of these breakwaters, in addition to limpets (*P. ?vulgata*). On upper shore boulders, ephemeral green seaweeds (*U. ?intestinalis*) were present.

Figure 3.25 presents example photographs of this biotope complex.

3.3.2.1.3 *Mytilus edulis* and Barnacles on Very Exposed Eulittoral Rock (A1.111)

The biotope '*Mytilus edulis* and barnacles on very exposed eulittoral rock' (A1.111/LR.HLR.MusB.MytB) is described as biological assemblages on very to exposed mid to lower eulittoral rock, including steep moderately exposed hard substrata, that are characterised by small individuals of mussels (*M. edulis*) interspersed with barnacles (*S. balanoides*) and limpets (*P. vulgata*). Small individuals or red seaweeds (e.g. *Ceramium* spp., *C. officinalis* and *M. stellatus*) may be present between the mussels, with foliose red seaweeds (*P. umbilicalis* and *P. palmata*) on the mussels. The abundance of red seaweeds generally increases down the shore, and where mussels occur on steep surfaces, red seaweeds are sparse and restricted to the lower extremes. Winkles (*Littorina* spp.) and whelks (*N. lapillus*) may occur where hard substrata is morphologically complex (EEA, 2019).

The surfaces of the two parallel metal outflow pipes to the east of the West C survey area, extending from the mid shore to the sea, and of the lower extent of the metal outflow pipe outwith the proposed cable corridor to the south-west were classified as this biotope. Dense aggregations of mussels (*M. edulis*) were observed interspersed with barnacles (*S. balanoides*). Green ephemeral seaweeds (*U. ?intestinalis*) were also present.

Figure 3.25 presents example photographs of this biotope.

A



B



A1.1/LR.HLR.MusB

A: Photograph 200145_EB_041

Anthropogenic boulder breakwater
Barnacles (Sessilia including *Semibalanus balanoides*), winkles (*Littorina littorea*), ephemeral green seaweeds (*Ulva ?intestinalis*)

B: Photograph 200145_EB_049

Anthropogenic boulder breakwater
Barnacles (Sessilia including *Semibalanus balanoides*), honeycomb reef worm (*Sabellaria alveolata*), whelk (*Nucella lapillus*)

C



D



A1.111/LR.HLR.MusB.MytB

C: Photograph 200145_EB_435

Anthropogenic littoral 'rock' (metal outflow pipe)
Barnacles (Sessilia including *Semibalanus balanoides*), mussels (*Mytilus edulis*), ephemeral green seaweeds (*Ulva ?intestinalis*)

D: Photograph 200145_EB_440

Anthropogenic littoral 'rock' (metal outflow pipe)
Barnacles (Sessilia including *Semibalanus balanoides*), mussels (*Mytilus edulis*), ephemeral green seaweeds (*Ulva ?intestinalis*)

Figure 3.25: Example photographs of 'Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB) and '*Mytilus edulis* and barnacles on very exposed eu littoral rock' (A1.111/LR.HLR.MusB.MytB), West C intertidal

3.3.2.1.4 *Semibalanus balanoides* and *Littorina* spp. on Exposed to Moderately Exposed Eulittoral Boulders and Cobbles (A1.1133)

The sub-biotope '*Semibalanus balanoides* and *Littorina* spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX) is described as large aggregations of exposed to moderately exposed eulittoral boulders, cobbles and pebbles colonised by barnacles (*S. balanoides*). Limpets (*P. vulgata*) are typically present on larger rocks with anemones (*A. equina*) in damp areas between/under boulders. Winkles (e.g. *L. littorea*, *L. saxatilis*) and whelks (*N. lapillus*) are typically abundant on and around cobbles and smaller boulders, with mussels (*M. edulis*), crabs (*C. maenas*) and gammarid amphipods between the cobbles and pebbles at low abundance. Ephemeral green seaweeds (*Ulva* sp.) may cover cobbles and boulders. Foliose red seaweeds (*C. crispus*, *M. stellatus* and *O. pinnatifida*) and wrack (*F. vesiculosus*) may be occur in low abundance on cobbles and boulders. On more sheltered shores, top shells (*S. cineraria* and *S. umbilicalis*) may be present under seaweeds or boulders. The barnacle *A. modestus* may be observed. Ephemeral green seaweeds can dominate during the summer (EEA, 2019).

Areas of pebbles, cobbles and boulders overlaying sand or muddy sand in the lower shore (largely associated with areas of exposed consolidated mud (clay), in the upper mid shore between the top of the boulder breakwaters and in the upper shore to the north-east of the survey area, at the top of the sand were classified as this sub-biotope. The biological assemblages within these areas were dominated by barnacles (*S. balanoides*, *A. modestus*) and winkles (*L. littorea*). A summer variant of this sub-biotope was delineated on more stable areas, in the upper mid shore, that featured an elevated abundance of ephemeral green seaweeds (*U. ?intestinalis*).

Figure 3.26 presents example photographs of this sub-biotope.

A



B



A1.1133/LR.HLR.MusB.Sem.LitX
A: Photograph 200145_WC_362
Pebbles, cobbles and boulders on muddy sand
Barnacles (Sessilia), winkles (*Littorina littorea*)

B: Photograph 200145_WC_258
Pebbles and cobbles on muddy sand
Barnacles (Sessilia), winkles (*Littorina littorea*)

C



D



A1.1133/LR.HLR.MusB.Sem.LitX
variant
C: Photograph 200145_WC_468
Pebbles and cobbles on sand
Barnacles (Sessilia), ephemeral green seaweed (*Ulva ?intestinalis*)

D: Photograph 200145_WC_465
Pebbles and cobbles on muddy sand
Barnacles (Sessilia including *Semibalanus balanoides*), ephemeral green seaweed (*Ulva ?intestinalis*)

Figure 3.26: Example photographs of '*Semibalanus balanoides* and *Littorina* spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX), West C intertidal

3.3.2.2 Littoral Sediment (A2)

The broad habitat 'Littoral sediment' (A2/LS) includes habitats of cobbles, pebbles, sand and mud or any combination of these that occurs in the intertidal zone (EEA, 2019). The majority of the West C foreshore comprised littoral sediments, which were classified further within the following subsections.

3.3.2.2.1 Littoral Coarse Sediment (A2.1)

The habitat complex 'Littoral coarse sediment' (A2.1/LS.LCS) is described as eulittoral pebbles, cobbles and varying proportions of coarse sand that are mobile and subject to drying out between tides. Highly mobile littoral coarse sediments are species poor, largely devoid of infauna, while gravelly shores may support limited numbers of arthropods (e.g. the amphipod *E. incertae sedis planicrurus*). Littoral coarse sediments generally occur on relatively exposed open coasts and may be present on the upper areas of otherwise sandy shores (EEA, 2019).

Bands of coarse sediment were apparent across the survey area, a narrow band near the lower tidal limit and an upper shore band from which a mid shore band diverges within the proposed cable corridor. The bands in the mid and lower shore featured sand with pebbles and shell fragments, whilst the upper shore band largely comprised pebbles and cobbles with some sand. A small area at the base of the eastern-most boulder breakwater also featured sand with pebbles and shell fragments. All forms were classified as the habitat complex 'Littoral coarse sediment'. These areas were devoid of epifauna, with no observed infauna.

Figure 3.27 presents example photographs of this habitat complex.

A



B



A: Photograph 200145_WC_819
Coarse sediment (sand, pebbles, cobbles)
No fauna or flora observed

B: Photograph 200145_WC_211
Coarse sediment (sand, pebbles)
No fauna or flora observed

C



D



C: Photograph 200145_WC_152
Coarse sediment (sand, pebbles)
No fauna or flora observed

D: Photograph 200145_WC_154
Coarse sediment (sand, pebbles)
No fauna or flora observed

Figure 3.27: Example photographs of 'Littoral coarse sediment' (A2.1/LS.LCS), West C intertidal

3.3.2.2.2 Shingle (Pebble) and Gravel Shores (A2.11)

The biotope complex 'Shingle (pebble) and gravel shores' (A2.11/LS.LCS.Sh) is described as gravel shores (pebbles and cobbles), typically deposited by wave action. These coarse sediments are typically support little marine life, bar opportunistic amphipods and oligochaetes. However, they can feature a covering of ephemeral green seaweeds (*Ulva* sp.) in more stable summer months (EEA, 2019).

An area at the top of the shore in the West C survey area was heavily influenced by car movement and parking. This flat area of pebble and cobbles was classified as 'Shingle (pebble) and gravel shores' (A2.11/LS.LCS.Sh). No epifauna or infauna were observed.

Figure 3.28 presents example photographs of this biotope complex.

3.3.2.2.3 Barren Littoral Shingle (A2.111)

The biotope 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh) is described as gravel shores (pebbles and cobbles, with some coarse sand). This generally occurs on exposed open coasts in fully marine conditions and is very mobile and freely draining. These littoral shingles are typically impoverished with virtually no macrofauna, bar occasional amphipods and polychaetes deposited by the tide. However, they can feature a covering of ephemeral green seaweeds (*Ulva* sp.) in more stable summer months (EEA, 2019).

A band of mobile pebbles and cobbles in the upper shore of the West C survey area was classified as 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh). This area was devoid of epifauna, with no observed infauna.

Figure 3.28 presents example photographs of this biotope.

A



B



A2.11/LS.LCS.Sh

A: Photograph 200145_WC_820

Shingle (pebbles, cobbles)

Anthropogenic debris

No fauna or flora observed

B: Photograph 200145_WC_216

Shingle (pebbles, cobbles)

No fauna or flora observed

C



D



A2.111/LS.LCS.Sh.BarSh

C: Photograph 200145_WC_394

Compacted shingle (pebbles, cobbles)

Anthropogenically impacted

No fauna or flora observed

D: Photograph 200145_WC_396

Compacted shingle (pebbles, cobbles)

Anthropogenically impacted

No fauna or flora observed

Figure 3.28: Example photographs of 'Shingle (pebble) and gravel shores' (A2.11/LS.LCS.Sh) and 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh), West C intertidal

3.3.2.2.4 Littoral Sand and Muddy Sand (A2.2)

The habitat complex 'Littoral sand and muddy sand' (A2.2; equivalent in part to 'Littoral sand' (LS.LSa)) is described as clean sands (coarse, medium or fine-grained) and muddy sands comprising < 25 % mud (silt and clay). Shell fragments and gravel may occasionally be present on the surface. Littoral sands dry out to varying degrees at low tide dependent on shore gradient, sediment grade and position of habitat in the shore (EEA, 2019).

The majority of the eulittoral zone within the West C survey area was classified as the habitat complex 'Littoral sand and muddy sand'. Most of the shore comprised sands, with varying proportions of mud, gravel and shell fragments, devoid of epifauna with sparse infauna comprised of bivalves (e.g. *L. balthica*, *Cerastoderma edule*), polychaetes (e.g. *Nephtys* sp.) and arthropods (amphipods). Lugworm casts (*Arenicola* sp.) were regularly observed.

Figure 3.29 presents example photographs of this habitat complex.

3.3.2.2.5 Polychaete/Bivalve-dominated Muddy Sand Shores (A2.24)

The biotope complex 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa) is described as muddy or fine sands, that remain saturated with water at low tide. This occurs predominantly on the mid to low shore (although it can span the intertidal) and can occur as extensive intertidal flats on open coasts and marine inlets. The habitat may be subject to variable salinity conditions and an anoxic layer may be present 5 cm or more from the sediment surface, sometimes seen as worm casts on the surface. The infaunal community consists of a diverse range of amphipods, bivalves, gastropods and polychaetes (EEA, 2019).

Areas of muddy sand were observed within the mid shore of the West C survey area, largely associated with the boulder breakwaters or pipelines. These muddy sands were submerged, with freshwater flow apparent from the coarser sediments above indicating variable salinity conditions. An additional area of waterlogged muddy sand was observed in the low shore outwith the proposed West C cable corridor to the west. An anoxic layer was observed at variable depths. Diatoms were present on the surface as a brown film. Infauna was sparse, with bivalves (*L. balthica*) and polychaetes present. These areas were classified as this biotope complex.

Figure 3.29 presents example photographs of this biotope complex.

Within the previously mentioned 'Sand and muddy sand' habitat complex (Section 3.3.2.2.4), anoxic worm casts (*Arenicola* sp.) were observed sporadically, indicating that this biotope complex may be more prevalent than recorded in the field. However, this cannot be confirmed without further sediment sampling.



A2.2/LS.LSa
A: Photograph 200145_WC_052
Sand
Lugworm casts (*Arenicola* sp.)

B: Photograph 200145_WC_365
Sand
Lugworm casts (*Arenicola* sp.) –
some anoxic



A2.24/LS.LSa.MuSa
C: Photograph 200145_WC_505
Muddy sand
No fauna or flora observed

D: Photograph 200145_WC_134
Muddy sand
Diatom film

Figure 3.29: Example photographs of 'Littoral sand and muddy sand' (A2.2/LS.LSa) and 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa), West C intertidal

3.3.2.2.6 *Lanice conchilega* in Littoral Sand (A2.45)

The biotope complex '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan) is described as occurring on muddy to medium fine sand flats, on the low shore or waterlogged mid shore. The sediment may contain a proportion of shell fragments and gravel, and the biotope complex may be present on the low rocky shore, where sandy sediments accumulate between larger sediment fractions. This biotope complex usually occurs in areas sheltered from strong wave action, but can be present in tide swept conditions and sediment may be mobile. The sediment supports abundant sand mason worms (*L. conchilega*), other sand scour/mobile sediment tolerant polychaetes (e.g. *P. mucosa*, *A. minuta*, *E. sanguinea*, *N. hombergii*, *P. elegans*, *S. armiger* and *Tharyx* spp.), mud shrimp (*C. arenarium*) and cockles (*C. edule*). The baltic tellin (*L. balthica*) may also be present (EEA, 2019).

Areas of muddy sand with a high abundance of the sand mason worm (*L. conchilega*) were present in the mid to low shore, outwith the proposed West C cable corridor, to the west. These areas were waterlogged and classified as '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan).

Figure 3.30 presents example photographs of this biotope complex.

3.3.2.2.7 *Mytilus edulis* beds on Littoral Sand (A2.7212)

The sub-biotope '*Mytilus edulis* beds on littoral sand' (A2.7212/LS.LBR.LMus.Myt.Sa) is described as mussel (*M. edulis*) aggregations on mid to low shore sand and muddy sand, occurring in a wide range of exposures. Mussels attach to consolidated shell material to form extensive beds. Barnacles (*A. modestus*, *S. balanoides*) attached to the mussel shells, with the *M. edulis* aggregations providing habitat for a rich faunal community including winkles (*L. littorea*), cockles (*C. edule*), the baltic tellin (*L. balthica*) and numerous burrowing arthropods and polychaetes (EEA, 2019).

Two small areas (24 m² and 13 m²) on the low shore to the west of the West C survey area featured dense *M. edulis* recruitment surrounded by sand. The smaller area also featured dense honeycomb reef worm *S. alveolata*. In both areas, the mussels were comprised of entirely juveniles, but due to the density of the aggregation and the definition from the surrounding sediments were classified as '*Mytilus edulis* beds on littoral sand' (A2.7212/LS.LBR.LMus.Myt.Sa) sub-biotope. Mussel (*M. edulis*) recruitment was also observed within the sub-biotope *Semibalanus balanoides* and *Littorina* spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX) (Section 3.1.2.1.1).

Figure 3.30 presents example photographs of this sub-biotope.



A2.45/LS.LSa.Lan
A: Photograph 200145_WC_099
Sand
Sand mason worm
(*Lanice conchilega*)

B: Photograph 200145_WC_029
Muddy sand
Sand mason worm
(*Lanice conchilega*)



A2.7212/LS.LBR.LMus.Myt.Sa
C: Photograph 200145_WC_531
Sand
Mussels (*Mytilus edulis*)

D: Photograph 200145_WC_446
Sand
Mussels (*Mytilus edulis*),
honeycomb reef worm
(*Sabellaria alveolata*)

Figure 3.30: Example photographs of '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan) and '*Mytilus edulis* beds on littoral sand' (A2.7212/LS.LBR.LMus.Myt.Sa), West C intertidal

3.3.2.2.8 Ephemeral Green and Red Seaweeds on Variable Salinity and/or Disturbed Eulittoral Mixed Substrata (A2.821)

The biotope 'Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata' (A2.821/LR.FLR.Eph.EphX) is described as eulittoral mixed sediment (pebbles and cobbles on sand or mud) that are influenced by variable salinity and/or siltation. This is usually present in sheltered condition, in the mid or upper shore. These mixed sediments are characterised by ephemeral green (*Ulva* spp.) and red (*Porphyra* spp.) seaweeds, in addition to colonial diatoms covering the surface of the substrata. Barnacles (*S. balanoides*, *A. modestus*) and mussels (*M. edulis*) may occur in low abundance, with crabs (*C. maenas*), winkles (*L. littorea*) and gammarids also present. Cockles (*C. edule*), lugworms (*A. marina*) and sand mason worms (*L. conchilega*) are generally present.

Areas of submerged mixed sediment (muddy sand, pebbles, cobbles and infrequent boulders) were present in the shelter of the eastern-most three boulder breakwaters, to their east. The standing water was located below freshwater outflow from the coarser sediment above, indicating variable salinity, and siltation was apparent on the larger sediment fractions, therefore these submerged mixed sediments were classified as this biotope. Green (*U. lactuca*, *U. ?intestinalis*) and red (*?Porphyra* sp.) ephemeral seaweeds were observed in moderate abundance, with the occasional barnacle (*S. balanoides*) and winkle (*L. littorea*) present.

Figure 3.31 presents example photographs of this biotope.



A: Photograph 200145_WC_228
Mixed sediment (muddy sand, pebbles, cobbles, boulders)
Ephemeral green seaweeds (*Ulva ?intestinalis*)

B: Photograph 200145_WC_270
Submerged mixed sediment (muddy sand, pebbles, cobbles)
Ephemeral green seaweeds (*Ulva lactuca*, *Ulva ?intestinalis*)



C: Photograph 200145_WC_249
Submerged mixed sediment (muddy sand, pebbles, cobbles)
Ephemeral green seaweeds (*Ulva lactuca*, *Ulva ?intestinalis*)

D: Photograph 200145_WC_238
Submerged mixed sediment (muddy sand, pebbles, cobbles)
Ephemeral green seaweeds (*Ulva ?intestinalis*)

Figure 3.31: Example photographs of 'Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata' (A2.821/LR.FLR.Eph.EphX), West C intertidal

3.3.2.3 Coastal Shingle (B2)

The broad habitat 'Coastal shingle' (B2) is described as pebble (or boulder) beaches usually formed by wave action (EEA, 2019). Several areas of hard substrata (all of anthropogenic origin) were observed in the supralittoral, which were classified further within the following subsections.

3.3.2.3.1 Upper Shingle Beaches with Open Vegetation (B2.3)

The habitat complex 'Upper shingle beaches with open vegetation' (B2.3) is described as the upper beach of large shingle bars, with open pioneer shingle communities or perennial vegetation (e.g. *C. maritima*, *H. peploides*, *L. japonicus*). This habitat complex generally occurs in north-west Europe, from the Atlantic to the Baltic (EEA, 2019).

Along the upper edge of the West C survey area, directly below the seawall, the shingle was stabilised by pioneer shingle community vegetation including *B. vulgaris* ssp. *maritima*, *Eryngium* sp., *H. peploides*, *Ononis repens*, *Plantago* spp., *R. rupestris* and *T. maritimum*. This area was classified as the 'Upper shingle beaches with open vegetation (B2.3)' biotope, which is contained within UK Phase 1 habitat classification 'Shingle/gravel above high tide mark' (H3; JNCC, 1993).

Figure 3.32 presents example photographs of this habitat complex.

3.3.2.4 Rock Cliffs, Ledges and Shores, including the Supralittoral (B3)

The broad habitat 'Rock cliffs, ledges and shores, including the supralittoral (B3) is described as coastal rock exposures (adjacent to seawater, or separated by a narrow shoreline) (EEA, 2019). Several areas of hard substrata (all of anthropogenic origin) were observed in the supralittoral, which were classified further within the following subsection

3.3.2.4.1 Yellow and Grey Lichens on Supralittoral Rock (B3.111)

The biotope 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG) is described as a diverse community of yellow and grey lichens (e.g. *C. marina*, *X. parietina*, *T. atra*, *Ramalina* sp.) on vertical to gently sloping bedrock and stable boulders, including artificial substrata such as sea defences, in the supralittoral zone. Black lichen (*V. maura*) can also be present. The width of the lichen band is generally wider in wave exposed areas. Where hard substrata is morphologically complex and pools, damp areas and crevices occur, winkles (e.g. *L. saxatilis*) and halacarid mites may be observed. Terrestrial plants such as thrift (*A. maritima*) may occur (EEA, 2019).

Along the seawall, grey, yellow and black lichens were observed, particularly on upper surfaces. These areas were classified as 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG).

Figure 3.32 presents example photographs of this biotope.

A



B



C



D



B2.3/H3

A: Photograph 200145_WC_905

Shingle (pebbles, cobbles)

Shingle pioneer community

B: Photograph 200145_WC_907

Shingle (pebbles, cobbles)

Sea sandwort

(*Honckenya peploides*)

B3.111/LR.FLR.Lic.YG

C: Photograph 200145_WC_380

Anthropogenic supralittoral 'rock'
(cement seawall)

Yellow, grey and black lichens

D: Photograph 200145_WC_863

Anthropogenic supralittoral 'rock'
(cement and boulder sea
defence)

Yellow, grey and black lichens
(including *Xanthoria* sp.)

Figure 3.32: Example photographs of 'Upper shingle beaches with open vegetation' (B2.3/H3) and 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG), West C intertidal

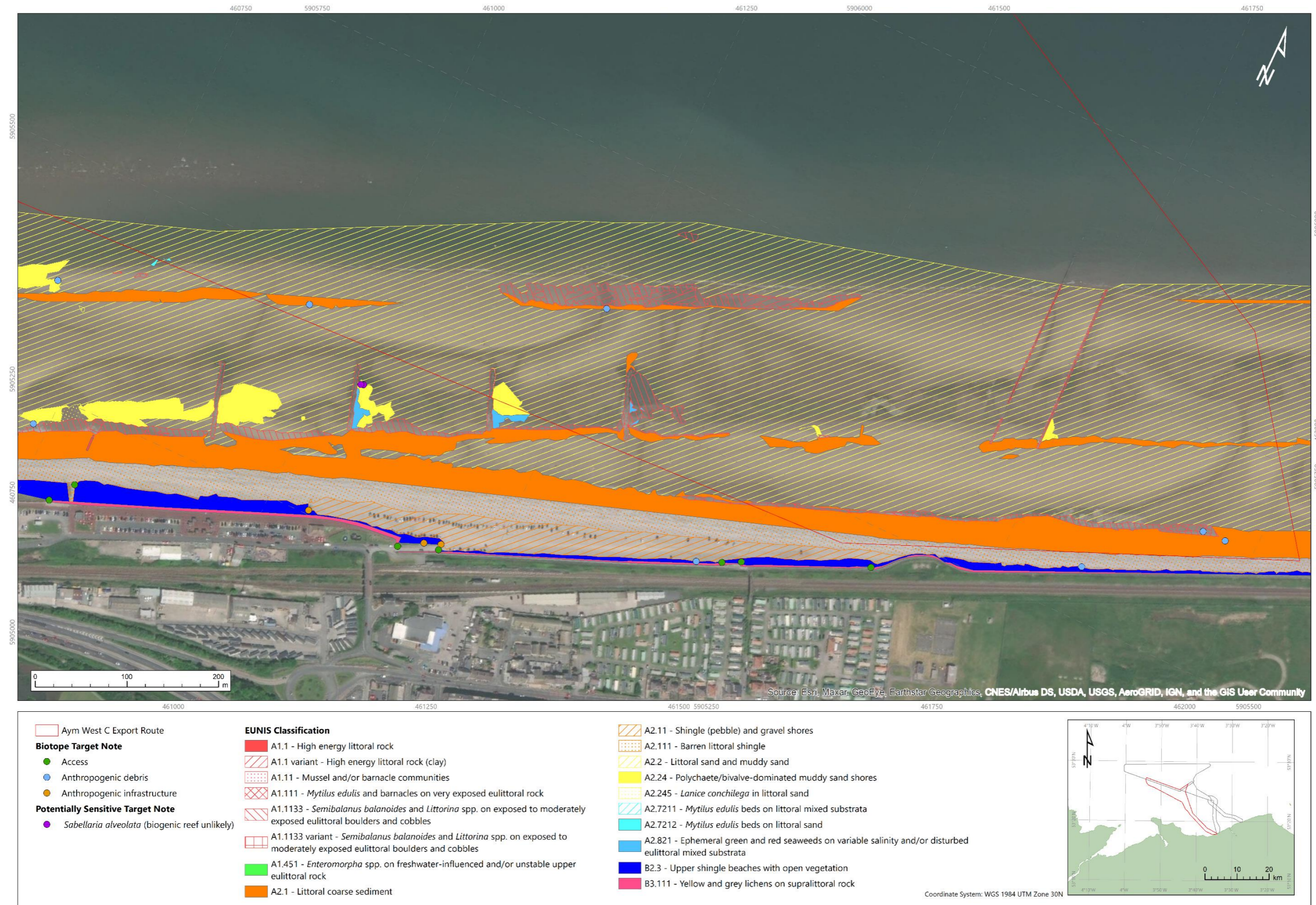


Figure 3.33: EUNIS (EEA, 2019) habitat classification map, offshore West C

3.3.3 Potential Sensitive Habitats and Species

3.3.3.1 Biogenic Reef

The honeycomb reef worm *S. alveolata* and the mussel *M. edulis* were both observed within the West C intertidal survey area and whilst neither is a species of conservational concern, these ecosystem engineers can create biogenic reef habitat. The definition of Annex I reef is presented in Section 3.1.3.1.

3.3.3.1.1 *Mytilus edulis*

Within the West C intertidal survey area, *M. edulis* were present on the surfaces of the two parallel metal outflow pipes to the east of the West C survey area, extending from the mid shore to the sea (A1.111/LR.HLR.MusB.MytB; Section 3.3.2.1.3). Additionally, *M. edulis* were present in a small area on the low shore to the west of the proposed cable corridor (*Mytilus edulis* beds on littoral sand' (A2.7212/LS.LBR.LMus.Myt.Sa) sub-biotope; Section 3.3.2.2.7). Although mussels were present in dense aggregations, they were restricted to either narrow anthropogenic structures (< 1 m wide), or present solely as recruits on the lower intertidal. Mussel populations did not arise naturally from the seafloor with elevation of more anthropogenic origin on pipes. Additionally, mussel populations did not extend from the intertidal to the subtidal region and therefore are unlikely to meet the criteria of Annex 1 reef.

The UKBAP description of the priority habitat 'Blue Mussel Beds on Sediments' is presented in Section 3.1.3.1.1. It is noted that the habitat only applies to 'natural' beds on a variety of sediment types, and specifically excludes artificially created mussel beds, and mussel beds on structures of anthropogenic origin and those on rock and boulders (BRIG, 2011). Therefore, mussel aggregations on the metal outflow pipes were not considered to represent the UKBAP priority habitat 'Blue Mussel Beds on Sediments'.

As there is no requirement that mussels extend from the intertidal to the subtidal with both described within this priority habitat (BRIG, 2011), the small mussel aggregation to the west of the proposed cable corridor (and another small area just outwith the proposed cable corridor; together covering an area of < 50 m²) may qualify as the UKBAP priority habitat 'Blue Mussel Beds on Sediments'.

Figure 3.34 presents example photographs of this UKBAP priority habitat.

3.3.3.1.2 *Sabellaria alveolata*

Sabellaria alveolata was observed as small hummocks and crusts in the boulders of the four mid shore breakwaters ('Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB); Section 3.3.2.1.2), in addition to a small aggregation in the lower shore to the west of the survey area (associated with the previously mentioned juvenile mussels). Where hummocks were present, they did not create an area of hard compact substrata distinct from the surrounding shore, but were more contained within the boulders. Additionally, they do not

extend from the intertidal to the subtidal region and therefore are unlikely to meet the criteria of Annex 1 reef.

The UKBAP description of the priority habitat '*Sabellaria alveolata* Reefs' is presented in Section 3.2.3.1.2 and notes that reefs have a height of up to 30 cm to 50 cm thick. There is no requirement that the reef structures must extend from the intertidal to the subtidal within the UKBAP priority habitat description (BRIG, 2011). Aggregations of *S. alveolata* up to approximately 30 cm in height were present between the boulders in breakwaters as sheets or hummocks. Therefore, there was the potential for the UKBAP priority habitat '*Sabellaria alveolata* Reefs' within the breakwaters of the West C intertidal survey area.

Figure 3.34 presents example photographs of this UKBAP priority habitat.

3.3.3.2 Peat and Clay Exposures with Piddocks

Consolidated mud exposures were observed in the lower shore of the West C survey area ('High energy littoral rock' (A1.1/LR.HLR) variant; Section 3.3.2.1.1). Burrows, with emergent piddock shells (*Bivalvia*) were observed within this substratum.

The UKBAP description of the priority habitat 'Peat and Clay Exposures with Piddocks' is presented in Section 3.2.3.2 and includes both peat and clay exposures with evidence of piddock burrowing activity (BRIG, 2011).

Within the West survey area, the consolidated mud exposures comprised clay. Burrows with emergent piddock shells were observed in all clay exposures indicating either current or historical evidence of piddock activity. Therefore, the UKBAP priority habitat 'Peat and Clay Exposures with Piddocks' is likely to occur within the survey area.

Figure 3.34 presents example photographs of this UKBAP priority habitat.

3.3.3.3 Other Potentially Sensitive Habitats and Species

No other Annex I habitats or Annex II species, OSPAR threatened and/or declining species and habitats or UK Biodiversity Action Plan priority habitats and species (OSPAR, 2008; BRIG, 2011, JNCC, 2018; JNCC, 2019a; 2019b) were observed within the survey area.

A



B



C



D



'Blue Mussel Beds on Sediments'

A: Photograph 200145_EB_531

Sand

Mussel (*Mytilus edulis*)
aggregation

'Sabellaria alveolata Reefs'

B: Photograph 200145_EB_448

Sand

Mussel (*Mytilus edulis*) and
honeycomb reef worm
(*Sabellaria alveolata*) aggregation

C: Photograph 200145_EB_155

Anthropogenic boulder
breakwater

Honeycomb reef worm
aggregations
(*Sabellaria alveolata*)

**'Peat and Clay Exposures with
Piddocks'**

D: Photograph 200145_EB_291

Consolidated mud (clay)
Piddocks (*Bivalvia*)

Figure 3.34: Example photographs of potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats, West C intertidal



Figure 3.35: Potential United Kingdom Biodiversity Actions Plan (UKBAP) priority habitats overlaid on aerial imagery, offshore West C

4. Discussion

The intertidal surveys in all three proposed cable corridors reported largely sedimentary habitats that were broadly consistent between all three areas. Rocky habitats were also present in all three surveys particularly in the upper shore and largely of anthropogenic origin. Of the twenty-one habitats recorded, seven were reported within all three survey areas and six from two of the three survey areas. Of the nine recorded from one survey area only shores, five were restricted to East B.

Comparison of the current survey results with available aerial imagery and previous biotoping (NRW, 2016) suggested that a degree of spatial variability has occurred within the survey area as some areas of hard substrata apparent in aerial imagery were not evident during the current survey. The majority of habitats that were reported by NRW (2016) were also reported in the current survey, although the location and spatial extent, particularly of sedimentary habitats, vary through time. Littoral sandy shores are very dynamic environments and often can change markedly over seasonal cycles, with sediment being eroded during winter storms and accreted during summer, especially those on exposed areas of coastline (JNCC, 2004a; JNCC, 2015) such as the proposed intertidal cable corridors. Within the West C intertidal survey area, boulder breakwaters have been created in the mid shore. The rocky habitats that would be associated with these boulder breakwaters were not apparent in biotope maps of NRW (2016), indicating that they have been constructed since the previous biotoping was undertaken. These boulder breakwaters have provided additional hard substratum and created more sheltered environments to the east, likely facilitating the build-up of mud deposits (Bull et al., 1998). It is highlighted that the habitats identified and delineated by the current assessment are representative of those at the time of survey only.

4.1 Intertidal Habitats and Fauna

4.1.1 Sedimentary Habitats

In the current survey, the habitat complex 'Littoral sand and muddy sand' (A2.2; equivalent in part to 'Littoral sand' (LS.LSa)) was assigned to the majority of the proposed intertidal cable corridors, mosaicked with relatively small areas of the biotope complex 'Polychaete/bivalve-dominated muddy sand shores' (A2.24/LS.LSa.MuSa). The classified muddy sand areas were associated with waterlogged section of the shores (e.g. beneath water outflows as they disperse across the surrounding sand or in pools in the lee of boulder breakwaters/base of outflow pipes). NRW (2016) reported that the majority of the foreshores were comprised of the biotope complex 'Polychaetes in littoral fine sand' (LS.LSa.FiSa.Po/A2.23) mosaicked with the sub-biotope '*Eurydice pulchra* in littoral mobile sand' (LS.LSa.MoSa.AmSco.Eur/A2.2232), two more refined habitats within the 'Littoral sand and muddy sand' habitat complex reported in the current survey.

The biotope complex '*Lanice conchilega* in littoral sand' (A2.45/LS.LSa.Lan) was represented in a band along the tower tidal limit of East B and in low to mid shore waterlogged muddy sands in all three survey areas. An elevated abundance of the sand mason worm *L. conchilega* was reported within this biotope complex. NRW (2016) also assigned this biotope to lower tidal limit and areas of mid shore sand in the West C survey area, indicating it is persistent if variable in nature on this coastline.

In the current survey, an area of approximately 150 m² of dense mussels on mixed sediment (pebbles and cobbles on muddy sand) was classified as the sub-biotope '*Mytilus edulis* beds on littoral mixed substrata' (A2.7211/LS.LBR.LMus.Myt.Mx) in the proposed East A cable corridor. This sub-biotope was also reported by NRW (2016) from mid shore mixed sediment within the West C survey area, where it was no longer present in the current survey. An area of < 50 m² of dense mussel recruits on sand was present within the West C survey area, classified as the sub-biotope '*Mytilus edulis* beds on littoral sand' (A2.7212/LS.LBR.LMus.Myt.Sa). The sub-biotope '*Mytilus edulis* beds on littoral mixed substrata' is noted to be temporally variable as a natural build-up of pseudofaeces may prevent further attachment, rendering the mussel bed unstable and liable to be damaged and potentially removed by storms (EEA, 2019). This may explain the temporal and spatial variability in this habitat within the survey area. The equivalent biotope '*Mytilus edulis* beds on littoral sand' is also noted to exhibit temporal variability, particularly in areas where mussel spat settles on the surface shell layer of cockles etc and that the mussel cover may be ephemeral (EEA, 2019). The areas of *M. edulis* reported to the west of the West C survey area were comprised of mussel recruits and may be temporarily variable. Along this relatively exposed coastline, it is likely that *M. edulis* beds are variable on a small spatial scale but persistent on a broad spatial scale. The presence of mussel beds may be dependent on the presence of suitable substratum and successful recruitment, with recruits observed on sand and mixed sediments within the current survey.

To the east of the boulder breakwaters in the West C intertidal survey area and at the base of the outflow pipe in the East B survey area, muddy sediments have built up within pools. Ephemeral green and red seaweeds were observed attached to cobbles and boulders within this habitat, with these areas considered representative of the biotope 'Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata' (A2.821/LR.FLR.Eph.EphX). This biotope was not reported by NRW (2016). However, in West C, as previously mentioned, the rocky habitats that would be associated with these boulder breakwaters were not apparent in previous biotope maps, indicating that they have been constructed since the previous biotoping was undertaken and have likely influenced the sedimentary habitats surrounding them in addition to providing hard substrata. Additionally, this biotope is largely characterised by ephemeral taxa and so is ephemeral in nature.

In all intertidal survey areas, regions of coarser sediments were reported with varying proportions of pebbles, cobbles and sand. Bands of largely sand, pebbles and shell fragments were reported on all shores, likely as a result of wave action. Dig overs indicated that the

pebbles were not restricted to the surface of the sediments and therefore these were considered as distinct habitats. On the upper shore in the proposed East A and West C cable corridors, a region with a higher proportion of pebbles and cobbles and a decreased proportion of sand was present below the shingle zone, with small accumulations in the lee of wooden groynes in the East B survey area. These areas were all considered representative of the habitat complex 'Littoral coarse sediment' (A2.1/LS.LCS), which was not previously reported (NRW, 2016). In the current survey, the exact location of the lower shore coarse sediment bands is likely to be variable with wave action. Similarly, the sand ingress to the upper shore band at other times of year is likely to be less and this may develop to a shingle biotope. Therefore, this sediment type is considered transient.

The upper shore of the proposed East B cable corridor featured sediment similar to the lower shore bands of the previously mentioned 'Littoral coarse sediment' habitat complex. However, due to the presence of burrows and observations of talitrid sandhoppers it was considered more representative of the biotope 'Talitrids on the upper shore and strandline' (A2.211/LS.LSa.St.Tal). Little macrofaunal debris was observed. However, the field work on this shore was during a period of high winds and it is noted in the biotope description that this habitat is impacted by the tide and weather. NRW (2016) also assigned this biotope to the upper shore in this survey area, indicating that it is persistent if variable in nature.

In contrast, the upper shore of the proposed East A and West C cable corridor featured a band of shingle above the previously mentioned coarse sediment that was representative of the 'Barren littoral shingle' (A2.111/LS.LCS.Sh.BarSh) biotope. NRW (2016) also assigned this biotope to the upper shore in these two survey areas, indicating its persistent nature. A car impacted zone was apparent to the west of the West C survey area which was raised to biotope complex 'Shingle (pebble) and gravel shores' (A2.11/LS.LCS.Sh) during the current survey. Where the shingle has stabilised to allow floral development, the 'Upper shingle beaches with open vegetation (B2.3)' biotope, which is contained within UK Phase 1 habitat classification 'Shingle/gravel above high tide mark' (H3; JNCC, 1993) was present.

In summary, habitats of littoral sediment appear to be temporally persistent within the three proposed cable corridors, with habitats previously reported within or in the near vicinity of these survey areas (NRW, 2016) reported in the current survey (although often at a higher-level classification). However, the spatial extent of these habitats has varied through time as is inherent in highly dynamic littoral sediments. Following the construction of boulder breakwaters in the West C intertidal survey area, which inherently reduce long shore drift and can trap finer sediments from the water column (Bull et al., 1998), muddy sediments have increased on this foreshore. Additionally, areas of coarse sediment were reported in the current survey, which may be transient in nature.

4.1.2 Rocky Habitats

In the current survey, areas of pebbles, cobbles and boulders with varying degrees of sand ingress were apparent in the mid to upper shore of all three cable corridors. The biological

assemblages within these areas were dominated by barnacles (Sessilia including *S. balanoides* and the invasive *A. modestus*) and winkles (*L. littorea*). Where the cobbles and boulders were more stable and suffered less sand scour, an elevated abundance of ephemeral green seaweeds (*U. ?intestinalis*) was present. Where sand ingress was more apparent, the abundance of epifauna decreased. These areas were considered representative of the sub-biotope 'Semibalanus balanoides and Littorina spp. on exposed to moderately exposed eulittoral boulders and cobbles' (A1.1133/LR.HLR.MusB.Sem.LitX). This sub-biotope was reported from high and mid shore cobbles and boulders within the East B survey area and from mid shore cobbles and boulders immediately west of the West C survey area by NRW (2016). Along this relatively exposed coastline, it is likely that the presence of barnacles and winkles are variable on a small spatial scale, but persistent on a broad spatial scale. Their presence may be dependent on that of suitable substratum and successful recruitment, with the former likely impacted by sand movement as a result of storms.

Areas of hard substratum that did not feature epifauna or flora characteristic of lower level habitat classifications in both the East B and West C survey areas were classified as the habitat complex 'High energy littoral rock' (A1.1/LR.HLR). These areas included bare anthropogenic structures (e.g. an upper shore metal pipe in West C and the upper limits of the outflow pipe in East B) in addition to areas on consolidated mud on both cable corridors; clay in West C and largely peat (intermixed with areas of clay in the upper shore) in East B. No littoral rock classifications were reported by NRW (2016) in the vicinity of these habitats in the current survey. When considered with the sparsity of epifauna and flora, it is possible that these habitats are regularly smothered by sand.

Upper shore boulders and boulders in the upper shore to the east of the proposed East B cable corridor was notable for the presence of the wrack *F. spiralis*, the only furoid observed within the three intertidal cable corridors. Due to the abundance of this seaweed, these areas were considered representative of the biotope '*Fucus spiralis* on full salinity exposed to moderately exposed upper eulittoral rock' (A1.212; equivalent to '*Fucus spiralis* on exposed to moderately exposed upper eulittoral rock' (LR.MLR.BF.FspiB)). This biotope was reported from these same areas by NRW (2016), indicating its persistence within the survey area.

The upper shore of the East B survey area featured an area of boulders and anthropogenic debris with dense barnacle coverage (Sessilia including *S. balanoides* and the invasive *A. modestus*). The four constructed boulder breakwaters within the proposed West C cable corridor and the boulder construction at the base of the outflow pipe in addition to upper shore wooden groynes within the East B intertidal survey area featured a similar physical structure and biological community. These areas were representative of the biotope complex 'Mussel and/or barnacle communities' (A1.11/LR.HLR.MusB), which was also reported from the wooden groynes and surface of the outflow pipe in East B by NRW (2016).

Within the East B intertidal cable corridor, a pool approximately 2 m wide and 4 m long was present in consolidated mud in the upper shore, whilst an anthropogenic linear arrangement of small semi-circular pools was present at the base of the seawall. These pools were all

assigned the biotope complex 'Communities of littoral rockpools' (A1.41; equivalent to 'Rockpools' (LR.FLR.Rkp)). These were not reported by NRW (2016), perhaps due to their small size. Although a biotope can be assigned to any sized area of seabed, the commonly accepted minimum habitat size is 25 m² (Parry, 2019).

Several areas of anthropogenic infrastructure were representative of other littoral rock habitats. The vertical surfaces at the bottom of the outflow pipe in the proposed East B cable corridor and the exterior of the paired parallel metal outflow pipes in West C featured elevated abundances of both mussels and barnacles and were considered representative of the biotope '*Mytilus edulis* and barnacles on very exposed eulittoral rock' (A1.111/LR.HLR.MusB.MytB). This biotope was reported from these same areas by NRW (2016) indicating the persistence of this biotope through time.

In the upper shore of the proposed East B cable corridor, the biotope complex 'Ephemeral green or red seaweeds (freshwater or sand-influenced) on non-mobile substrata' (A1.45; equivalent to part of 'Ephemeral green or red seaweed communities (freshwater or sand-influenced)' (LR.FLR.Eph)) was represented on anthropogenic material. Middle sections of wooden groynes and an area of upper shore sea defence (tarmac) were classified as this habitat, due to the present of both red and green ephemeral seaweeds. This habitat is notable ephemeral in nature.

An area of upper shore boulders, likely of anthropogenic origin, in the upper shore just west of the East A cable corridor was further refined and considered as an impoverished example of the biotope '*Enteromorpha* spp. on freshwater-influenced and/or unstable upper eulittoral rock' (A1.451/LR.FLR.Eph.Ent) due to the presence of solely ephemeral green seaweeds (*U. ?intestinalis*). This biotope was previously applied to the entirety of the boulder sea defence at the top of East A and a small area of the sea defence to the north-east of East B by NRW (2016), suggesting that whilst this habitat may not persevere on a small spatial scale through time, it is likely to occur on hard substrata in the upper shore along this coastline.

In the current survey, the seawalls and boulder sea defences landward of all three proposed intertidal cable corridors (in addition to the upper surfaces of wooden groynes in East B) featured yellow, grey and black lichens and therefore were considered representative of the biotope 'Yellow and grey lichens on supralittoral rock' (B3.111/LR.FLR.Lic.YG). NRW (2016) also assigned this biotope to the seawalls in all three survey areas.

In the East B cable corridor, the elevated upper sections of several wooden groynes featured a green turf that comprised *Blidingia* sp. and *Ulothrix* sp.. These narrow areas were classified as 'Lichens or small green algae on supralittoral and littoral fringe rock' (B3.11/LR.FLR.Lic), which was not denoted by NRW (2016).

In summary, habitats of littoral rock and other hard surfaces (e.g. numerous substrata of anthropogenic origin) appear to be temporally and spatially stable within the three proposed cable corridors: habitats previously reported within or in the near vicinity of these survey areas (NRW, 2016) were reported in the current survey in similar locations. Although

additional habitats were observed in the current survey, these were largely on a small spatial scale, with the exception of the consolidated mud habitats, which may be smothered by the surrounding sand sporadically.

4.2 Potentially Sensitive Habitats and Species

Aggregations of the mussel *M. edulis* were reported in the intertidal survey area of all three proposed cable corridors. No mussel aggregations were considered likely to be representative of Annex I biogenic reef. However, an area of approximately 150 m² of dense mussels classified as the sub-biotope '*Mytilus edulis* beds on littoral mixed substrata' (A2.7211/LS.LBR.LMus.Myt.Mx) in the proposed East A cable corridor and an area of < 50 m² of dense mussel recruits classified as the sub-biotope '*Mytilus edulis* beds on littoral sand' (A2.7212/LS.LBR.LMus.Myt.Sa) in the proposed West C cable corridor had the potential to be representative of the UKBAP priority habitat 'Blue Mussel Beds on Sediments'.

The honeycomb reef worm was observed on boulder breakwaters and infrastructure of anthropogenic origin within the proposed East B and West C cable corridors, in addition to encrusting an upper shore boulder in the East B survey area. No *S. alveolata* aggregations were considered likely to be representative of Annex I biogenic reef. However, aggregations of *S. alveolata* up to approximately 30 cm in height were present between the boulders at the base of the outflow pipe in East B and the breakwaters of West C, which had the potential to be representative of the UKBAP priority habitat '*Sabellaria alveolata* Reefs'. Firth et al. (2015) reported that the proliferation of artificial sea defences along the coast of North Wales may have facilitated the spread of *S. alveolata* across areas on unsuitable natural habitat enabling the recolonisation of this coast.

Consolidated mud exposures were delineated in both the proposed East B and West C cable corridors that had the potential to be representative of the UKBAP priority habitat 'Peat and Clay Exposures with Piddocks', which is reported to occur on the north coast of Wales (amongst other UK localities; BRIG, 2011). Within the description of this priority habitat, it is noted that communities of peat and clay may be different (BRIG, 2011), which is also reflected in the EUNIS classification hierarchy (EEA, 2019). However, in the current survey, there was little epifloral or epifauna observed on either the peat or clay exposures. Evidence of piddocks (*Bivalvia*) and faunal tubes (*Polychaeta* including possible *Polydora* sp.) were observed on both, with ephemeral green seaweeds (*U. ?intestinalis*) present on peat exposures. Peat exposures generally feature more abundant and varied seaweed communities; however, the development of such may be limited by sand scour (BRIG, 2011). The consolidated mud exposures within the current survey areas were not previously recorded within the cable corridors (NRW, 2016), although these features are noted as a key characteristic for the Colwyn Bay and Rhyl Flats MCA (NRW, 2015). The consolidated mud exposures within the current survey areas were surrounded by sand and may be fully or partially covered by sand sporadically. Despite the lack of observed epifloral and epifauna, the burrows created by piddocks are noted to provide a micro-habitat for other taxa increasing biodiversity (BRIG, 2011).

5. Conclusions

The majority of the three intertidal cable corridors were comprised of sand, with varying proportions of mud and gravel. All three intertidal cable corridors were backed by sea defences of anthropogenic origin, which comprised the majority of the hard substrata.

The East A intertidal survey area featured the fewest habitats, with ten identified; two from littoral rock, six from littoral sediment, one from coastal shingle and one for supralittoral rock. Within the West C intertidal survey area, fourteen habitats were identified; four were from littoral rock, eight were from littoral sediment, one was coastal shingle and one was supralittoral rock. The East B intertidal survey area featured the highest number of habitats, with fifteen identified; seven were from littoral rock reflecting the increased complexity of substrata in the upper shore (partially due to anthropogenic infrastructure), six were from littoral sediment and two were from supralittoral rock.

The habitats classified were broadly similar between intertidal survey areas and to previous data available for this coastline.

The UKBAP priority habitats 'Blue Mussel Beds on Sediments', '*Sabellaria alveolata* Reefs' and 'Peat and Clay Exposures with Piddocks' were potentially all present within the intertidal West C cable corridor. '*Sabellaria alveolata* Reefs' and 'Peat and Clay Exposures with Piddocks' were also potentially present within the East A intertidal cable corridor, whilst 'Blue Mussel Beds on Sediments' was potentially present within the East B intertidal cable corridor.

No Annex I habitats and other sensitive habitats or species were observed within the proposed intertidal cable corridors.

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Appendix A

Guidelines on Use of Report

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Appendix B

Logs

B.1 Intertidal Survey Log

B.1.1 WPM4 – ECR East A

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:05:06	1229	Line	462 297.6	5 905 931.0	-	Rock dump sea defence - edge
20/08/2020	09:05:06	1229	200145_EA_001	462 297.6	5 905 931.0	N	Down edge of rock dump, with cement, across coarse (sand, pebbles, cobbles) - incoming tide
20/08/2020	09:05:06	1229	200145_EA_002	462 297.6	5 905 931.0	E	Along cement and rock dump sea defence. Lichens, pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_003	462 297.6	5 905 931.0	S	Up over seawall
20/08/2020	09:05:06	1229	200145_EA_004	462 297.6	5 905 931.0	W	Along seawall
20/08/2020	09:05:06	1229	200145_EA_005	462 297.6	5 905 931.0	S	Seawall. Yellow and grey lichens
20/08/2020	09:05:06	1229	Field Note	462 297.6	5 905 931.0	-	Cement binding edge of rock dump
20/08/2020	09:05:06	1229	Line	462 297.6	5 905 931.0	-	Cement seawall
20/08/2020	09:05:06	1229	200145_EA_006	462 297.6	5 905 931.0	W	Along seawall. Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_007	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_008	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_009	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_010	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_011	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_012	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_013	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_014	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_015	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_016	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:05:06	1229	200145_EA_017	462 297.6	5 905 931.0	Down	Pioneer shingle community

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:05:06	1229	200145_EA_018	462 297.6	5 905 931.0	Down	Pioneer shingle community
20/08/2020	09:17:39	1230	Line	462 294.4	5 905 940.7	-	Rock dump sea defence - edge
20/08/2020	09:17:39	1230	200145_EA_019	462 294.4	5 905 940.7	Down	Rock dump sea defence. Yellow and grey lichens
20/08/2020	09:17:39	1230	200145_EA_020	462 294.4	5 905 940.7	E	Along rock dump sea defence. Yellow and grey lichens - incoming tide
20/08/2020	09:19:04	1231	Line	462 298.0	5 905 945.9	-	Rock dump sea defence - edge
20/08/2020	09:19:13	1232	Line	462 303.9	5 905 952.5	-	Rock dump sea defence - edge
20/08/2020	09:19:17	1233	Line	462 306.7	5 905 953.2	-	Rock dump sea defence - edge
20/08/2020	09:19:17	1233	200145_EA_021	462 306.7	5 905 953.2	Down	Rock dump sea defence. Yellow and grey lichens
20/08/2020	09:19:17	1233	200145_EA_022	462 306.7	5 905 953.2	S	Up rock dump sea defence. Yellow and grey lichens
20/08/2020	09:20:06	1234	Line	462 310.3	5 905 956.5	-	Rock dump sea defence - edge
20/08/2020	09:20:06	1234	Field Note	462 310.3	5 905 956.5	-	Possible bottom of lichen band
20/08/2020	09:20:35	1235	Line	462 314.9	5 905 964.8	-	Rock dump sea defence - edge
20/08/2020	09:20:42	1236	Line	462 317.5	5 905 966.7	-	Rock dump sea defence - edge
20/08/2020	09:21:05	1237	Line	462 327.3	5 905 966.5	-	Rock dump sea defence - edge
20/08/2020	09:21:12	1238	Line	462 328.6	5 905 974.9	-	Rock dump sea defence - edge
20/08/2020	09:21:16	1239	Line	462 332.5	5 905 977.0	-	Rock dump sea defence - edge
20/08/2020	09:21:27	1240	Line	462 340.6	5 905 978.2	-	Rock dump sea defence - edge
20/08/2020	09:21:27	1240	200145_EA_023	462 340.6	5 905 978.2	S	Up rock dump sea defence. Black lichen band (with yellow) above
20/08/2020	09:22:08	1241	Line	462 344.6	5 905 971.4	-	Rock dump sea defence - edge
20/08/2020	09:22:08	1241	200145_EA_024	462 344.6	5 905 971.4	Down	Rock dump sea defence. Yellow lichen
20/08/2020	09:22:39	1242	Line	462 347.2	5 905 980.7	-	Rock dump sea defence - edge
20/08/2020	09:22:51	1243	Line	462 359.0	5 905 989.3	-	Rock dump sea defence - edge
20/08/2020	09:23:02	1244	Line	462 368.5	5 905 991.1	-	Rock dump sea defence - edge

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:23:11	1245	Line	462 376.8	5 905 997.5	-	Rock dump sea defence - edge
20/08/2020	09:23:24	1246	Line	462 389.7	5 906 000.5	-	Rock dump sea defence - edge
20/08/2020	09:23:30	1247	Line	462 392.1	5 906 002.6	-	Rock dump sea defence - edge
20/08/2020	09:23:35	1248	Line	462 395.9	5 906 003.8	-	Rock dump sea defence - edge
20/08/2020	09:23:47	1249	Line	462 408.4	5 906 007.8	-	Rock dump sea defence - edge
20/08/2020	09:23:55	1250	Line	462 415.3	5 906 010.6	-	Rock dump sea defence - edge
20/08/2020	09:24:06	1251	Line	462 423.0	5 906 015.6	-	Rock dump sea defence - edge
20/08/2020	09:24:14	1252	Line	462 430.1	5 906 020.4	-	Rock dump sea defence - edge
20/08/2020	09:24:20	1253	Line	462 436.8	5 906 020.1	-	Rock dump sea defence - edge
20/08/2020	09:24:27	1254	Line	462 439.5	5 906 022.3	-	Rock dump sea defence - edge
20/08/2020	09:24:36	1255	Line	462 449.9	5 906 027.8	-	Rock dump sea defence - edge
20/08/2020	09:24:45	1256	Line	462 458.0	5 906 032.5	-	Rock dump sea defence - edge
20/08/2020	09:24:55	1257	Line	462 467.3	5 906 037.9	-	Rock dump sea defence - edge
20/08/2020	09:25:01	1258	Line	462 471.9	5 906 038.7	-	Rock dump sea defence - edge
20/08/2020	09:25:08	1259	Line	462 477.0	5 906 041.3	-	Rock dump sea defence - edge
20/08/2020	09:25:13	1260	Line	462 480.4	5 906 044.9	-	Rock dump sea defence - edge
20/08/2020	09:25:19	1261	Line	462 478.9	5 906 047.7	-	Rock dump sea defence - edge
20/08/2020	09:26:01	1262	Line	462 470.3	5 906 045.3	-	Rock dump sea defence - edge
20/08/2020	09:26:05	1263	Line	462 469.3	5 906 046.9	-	Rock dump sea defence - edge
20/08/2020	09:26:14	1264	Line	462 477.1	5 906 053.2	-	Rock dump sea defence - edge
20/08/2020	09:26:21	1265	Line	462 481.3	5 906 054.8	-	Rock dump sea defence - edge
20/08/2020	09:26:28	1266	Line	462 488.5	5 906 058.0	-	Rock dump sea defence - edge
20/08/2020	09:26:34	1267	Line	462 492.0	5 906 059.2	-	Rock dump sea defence - edge

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:26:41	1268	Line	462 495.8	5 906 060.9	-	Rock dump sea defence - edge
20/08/2020	09:26:50	1269	Line	462 501.9	5 906 063.7	-	Rock dump sea defence - edge
20/08/2020	09:26:55	1270	Line	462 504.5	5 906 062.7	-	Rock dump sea defence - edge
20/08/2020	09:27:04	1271	Line	462 510.3	5 906 064.8	-	Rock dump sea defence - edge
20/08/2020	09:27:06	1272	Line	462 510.4	5 906 065.1	-	Rock dump sea defence - edge
20/08/2020	09:27:16	1273	Line	462 517.1	5 906 065.8	-	Rock dump sea defence - edge
20/08/2020	09:27:25	1274	Line	462 523.6	5 906 068.7	-	Rock dump sea defence - edge
20/08/2020	09:27:33	1275	Line	462 528.6	5 906 068.2	-	Rock dump sea defence - edge
20/08/2020	09:27:39	1276	Line	462 531.2	5 906 065.3	-	Rock dump sea defence - edge
20/08/2020	09:27:48	1277	Line	462 539.1	5 906 068.5	-	Rock dump sea defence - edge
20/08/2020	09:27:56	1278	Line	462 544.0	5 906 066.9	-	Rock dump sea defence - edge
20/08/2020	09:28:01	1279	Line	462 548.8	5 906 069.9	-	Rock dump sea defence - edge
20/08/2020	09:28:11	1280	Line	462 558.7	5 906 073.1	-	Rock dump sea defence - edge
20/08/2020	09:28:19	1281	Line	462 566.7	5 906 074.3	-	Rock dump sea defence - edge
20/08/2020	09:28:26	1282	Line	462 568.4	5 906 082.0	-	Rock dump sea defence - edge
20/08/2020	09:28:37	1283	Line	462 578.6	5 906 079.2	-	Rock dump sea defence - edge
20/08/2020	09:28:53	1284	Line	462 593.1	5 906 084.9	-	Rock dump sea defence - edge
20/08/2020	09:29:01	1285	Line	462 596.8	5 906 088.0	-	Rock dump sea defence - edge
20/08/2020	09:29:11	1286	Line	462 605.8	5 906 093.3	-	Rock dump sea defence - edge
20/08/2020	09:29:17	1287	Line	462 607.6	5 906 089.4	-	Rock dump sea defence - edge
20/08/2020	09:29:26	1288	Line	462 614.4	5 906 093.9	-	Rock dump sea defence - edge
20/08/2020	09:29:43	1289	Line	462 627.3	5 906 096.7	-	Rock dump sea defence - edge
20/08/2020	09:29:53	1290	Line	462 634.6	5 906 097.5	-	Rock dump sea defence - edge

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:30:04	1291	Line	462 641.7	5 906 103.5	-	Rock dump sea defence - edge
20/08/2020	09:30:17	1292	Line	462 652.3	5 906 105.9	-	Rock dump sea defence - edge
20/08/2020	09:30:30	1293	Line	462 664.9	5 906 113.0	-	Rock dump sea defence - edge
20/08/2020	09:30:41	1294	Line	462 672.9	5 906 118.2	-	Rock dump sea defence - edge
20/08/2020	09:30:49	1295	Line	462 677.3	5 906 121.5	-	Rock dump sea defence - edge
20/08/2020	09:30:56	1296	Line	462 683.3	5 906 122.0	-	Rock dump sea defence - edge
20/08/2020	09:31:02	1297	Line	462 687.9	5 906 121.6	-	Rock dump sea defence - edge
20/08/2020	09:31:09	1298	Line	462 692.7	5 906 122.9	-	Rock dump sea defence - edge
20/08/2020	09:31:09	1298	200145_EA_025	462 692.7	5 906 122.9	N	Down across coarse (pebbles, cobbles) - incoming tide
20/08/2020	09:31:09	1298	200145_EA_026	462 692.7	5 906 122.9	E	Along bottom of rock dump sea defence. Black lichens. Raised edge of shingle
20/08/2020	09:31:09	1298	200145_EA_027	462 692.7	5 906 122.9	S	Up rock dump sea defence. Yellow lichen
20/08/2020	09:31:09	1298	200145_EA_028	462 692.7	5 906 122.9	S	Up rock dump sea defence. Yellow lichen
20/08/2020	09:31:09	1298	200145_EA_029	462 692.7	5 906 122.9	W	Along bottom of rock dump sea defence. Black lichens
20/08/2020	09:31:09	1298	Field Note	462 692.7	5 906 122.9	-	Start of shingle
20/08/2020	09:32:35	1299	Line	462 702.4	5 906 127.7	-	Rock dump sea defence - edge
20/08/2020	09:32:49	1300	Line	462 714.8	5 906 135.3	-	Rock dump sea defence - edge
20/08/2020	09:33:00	1301	Line	462 723.1	5 906 139.8	-	Rock dump sea defence - edge
20/08/2020	09:33:07	1302	Line	462 729.9	5 906 141.0	-	Rock dump sea defence - edge
20/08/2020	09:33:15	1303	Line	462 736.0	5 906 143.6	-	Rock dump sea defence - edge
20/08/2020	09:33:28	1304	Line	462 746.9	5 906 150.0	-	Rock dump sea defence - edge
20/08/2020	09:33:41	1305	Line	462 760.6	5 906 156.6	-	Rock dump sea defence - edge
20/08/2020	09:33:54	1306	Line	462 772.2	5 906 162.0	-	Rock dump sea defence - edge
20/08/2020	09:34:04	1307	Line	462 780.6	5 906 163.2	-	Rock dump sea defence - edge

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:34:11	1308	Line	462 786.4	5 906 164.6	-	Rock dump sea defence - edge
20/08/2020	09:34:18	1309	Line	462 790.5	5 906 164.5	-	Rock dump sea defence - edge
20/08/2020	09:34:18	1309	200145_EA_030	462 790.5	5 906 164.5	N	Down across coarse (pebbles, cobbles) - incoming tide
20/08/2020	09:34:18	1309	200145_EA_031	462 790.5	5 906 164.5	E	Along bottom of rock dump sea defence. Black lichens
20/08/2020	09:34:18	1309	200145_EA_032	462 790.5	5 906 164.5	S	Up rock dump sea defence. Lichens
20/08/2020	09:34:18	1309	200145_EA_033	462 790.5	5 906 164.5	W	Along bottom of rock dump sea defence. Black lichens evident
20/08/2020	09:34:18	1309	200145_EA_034	462 790.5	5 906 164.5	Down	Boulder (sea defence). Yellow lichen
20/08/2020	09:34:23	1310	Line	462 792.5	5 906 160.9	-	Rock dump sea defence - edge
20/08/2020	09:35:23	1311	Line	462 799.7	5 906 161.8	-	Rock dump sea defence - edge
20/08/2020	09:35:32	1312	Line	462 807.6	5 906 168.4	-	Rock dump sea defence - edge
20/08/2020	09:35:42	1313	Line	462 815.6	5 906 172.0	-	Rock dump sea defence - edge
20/08/2020	09:35:50	1314	Line	462 818.8	5 906 172.7	-	Rock dump sea defence - edge
20/08/2020	09:35:50	1314	200145_EA_035	462 818.8	5 906 172.7	Down	Pioneer shingle community
20/08/2020	09:36:29	1315	Line	462 830.6	5 906 177.0	-	Rock dump sea defence - edge
20/08/2020	09:36:29	1315	200145_EA_036	462 830.6	5 906 177.0	Down	Pioneer shingle community. Dock
20/08/2020	09:36:41	1316	Line	462 840.8	5 906 181.1	-	Rock dump sea defence - edge
20/08/2020	09:37:14	1317	Line	462 846.2	5 906 185.6	-	Rock dump sea defence - edge
20/08/2020	09:37:21	1318	Line	462 851.2	5 906 186.4	-	Rock dump sea defence - edge
20/08/2020	09:37:27	1319	Line	462 855.5	5 906 187.8	-	Rock dump sea defence - edge
20/08/2020	09:37:36	1320	Line	462 864.6	5 906 190.0	-	Rock dump sea defence - edge
20/08/2020	09:37:36	1320	200145_EA_037	462 864.6	5 906 190.0	N	Pioneer shingle community. Lyme grass
20/08/2020	09:37:36	1320	200145_EA_038	462 864.6	5 906 190.0	E	Along bottom of rock dump sea defence. Black lichens
20/08/2020	09:37:36	1320	200145_EA_039	462 864.6	5 906 190.0	S	Up rock dump sea defence

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:37:36	1320	200145_EA_040	462 864.6	5 906 190.0	W	Along bottom of rock dump sea defence. Black lichens
20/08/2020	09:37:36	1320	200145_EA_041	462 864.6	5 906 190.0	Down	Rock dump sea defence. Yellow lichen
20/08/2020	09:38:51	1321	Line	462 869.2	5 906 193.2	-	Rock dump sea defence - edge
20/08/2020	09:39:00	1322	Line	462 875.5	5 906 195.6	-	Rock dump sea defence - edge
20/08/2020	09:39:08	1323	Line	462 882.8	5 906 200.5	-	Rock dump sea defence - edge
20/08/2020	09:39:20	1324	Line	462 894.5	5 906 207.7	-	Rock dump sea defence - edge
20/08/2020	09:39:28	1325	Line	462 902.0	5 906 210.4	-	Rock dump sea defence - edge
20/08/2020	09:39:34	1326	Line	462 907.9	5 906 212.1	-	Rock dump sea defence - edge
20/08/2020	09:39:34	1326	Target Note	462 907.9	5 906 212.1	-	Access: West of access to shore via railway bridge
20/08/2020	09:40:14	1327	Line	462 909.4	5 906 213.6	-	Rock dump sea defence - edge
20/08/2020	09:40:14	1327	Target Note	462 909.4	5 906 213.6	-	Access: East of access to shore via railway bridge
20/08/2020	09:40:14	1327	200145_EA_042	462 909.4	5 906 213.6	S	Anthropogenic. Access via railway bridge
20/08/2020	09:40:50	1328	Line	462 912.8	5 906 214.2	-	Rock dump sea defence - edge
20/08/2020	09:41:02	1329	Line	462 925.6	5 906 221.2	-	Rock dump sea defence - edge
20/08/2020	09:41:09	1330	Line	462 932.8	5 906 224.5	-	Rock dump sea defence - edge
20/08/2020	09:41:16	1331	Line	462 938.7	5 906 226.3	-	Rock dump sea defence - edge
20/08/2020	09:41:25	1332	Line	462 945.4	5 906 229.9	-	Rock dump sea defence - edge
20/08/2020	09:41:53	1333	Line	462 958.6	5 906 233.5	-	Rock dump sea defence - edge
20/08/2020	09:42:09	1334	Line	462 967.5	5 906 226.2	-	Rock dump sea defence - edge
20/08/2020	09:42:09	1334	200145_EA_043	462 967.5	5 906 226.2	Down	Pioneer shingle community
20/08/2020	09:42:09	1334	200145_EA_044	462 967.5	5 906 226.2	N	Anthropogenic. Down over gabion to sea
20/08/2020	09:42:09	1334	200145_EA_045	462 967.5	5 906 226.2	E	Anthropogenic. Along cycle path at top shore
20/08/2020	09:42:09	1334	200145_EA_046	462 967.5	5 906 226.2	S	Anthropogenic. Up over cycle path to caravan park

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:42:09	1334	200145_EA_047	462 967.5	5 906 226.2	W	Along rock dump sea defence to railway bridge
20/08/2020	09:43:29	1335	Line	462 966.4	5 906 232.1	-	Anthropogenic: gabion
20/08/2020	09:43:35	1336	Line	462 970.0	5 906 233.9	-	Anthropogenic: gabion
20/08/2020	09:43:35	1336	200145_EA_048	462 970.0	5 906 233.9	0	Anthropogenic: gabion
20/08/2020	09:43:44	1337	Line	462 975.3	5 906 236.9	-	Anthropogenic: gabion
20/08/2020	09:43:49	1338	Line	462 976.3	5 906 234.6	-	Anthropogenic: gabion
20/08/2020	09:44:03	1339	Line	462 964.4	5 906 228.6	-	Anthropogenic: gabion
20/08/2020	09:45:14	1340	Line	462 967.8	5 906 224.7	-	Cement seawall
20/08/2020	09:46:44	1341	Line	462 955.3	5 906 220.7	-	Cement seawall
20/08/2020	09:46:44	1341	200145_EA_049	462 955.3	5 906 220.7	N	Rock dump sea defence. Yellow lichen, elder
20/08/2020	09:46:44	1341	200145_EA_050	462 955.3	5 906 220.7	N	Rock dump sea defence. Yellow lichen
20/08/2020	09:48:17	1342	Line	462 946.2	5 906 215.9	-	Cement seawall
20/08/2020	09:48:17	1342	200145_EA_051	462 946.2	5 906 215.9	N	Rock dump sea defence. Grass/cane
20/08/2020	09:48:47	1343	Line	462 940.8	5 906 212.8	-	Cement seawall
20/08/2020	09:48:57	1344	Line	462 929.0	5 906 208.2	-	Cement seawall
20/08/2020	09:49:11	1345	Line	462 914.8	5 906 202.1	-	Cement seawall
20/08/2020	09:49:11	1345	Target Note	462 914.8	5 906 202.1	-	Access: west of access to shore via railway bridge
20/08/2020	09:49:24	1346	Line	462 912.1	5 906 200.2	-	Cement seawall
20/08/2020	09:49:24	1346	Target Note	462 912.1	5 906 200.2	-	Access: east of access to shore via railway bridge
20/08/2020	09:49:24	1346	200145_EA_052	462 912.1	5 906 200.2	N	Anthropogenic. Access via railway bridge
20/08/2020	09:50:15	1347	Line	462 879.6	5 906 185.6	-	Cement seawall
20/08/2020	09:50:37	1348	Line	462 850.7	5 906 173.3	-	Cement seawall
20/08/2020	09:50:48	1349	Line	462 838.1	5 906 169.3	-	Cement seawall

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:51:13	1350	Line	462 810.0	5 906 155.8	-	Cement seawall
20/08/2020	09:51:13	1350	200145_EA_053	462 810.0	5 906 155.8	N	Rock dump sea defence. Yellow lichen, pioneer shingle community
20/08/2020	09:51:13	1350	200145_EA_054	462 810.0	5 906 155.8	N	Rock dump sea defence. Yellow lichen, pioneer shingle community
20/08/2020	09:52:17	1351	Line	462 777.9	5 906 139.9	-	Cement seawall
20/08/2020	09:52:34	1352	Line	462 759.1	5 906 133.1	-	Cement seawall
20/08/2020	09:52:48	1353	Line	462 743.0	5 906 124.2	-	Cement seawall
20/08/2020	09:52:48	1353	200145_EA_055	462 743.0	5 906 124.2	N	Down across rock dump sea defence.
20/08/2020	09:52:48	1353	200145_EA_056	462 743.0	5 906 124.2	E	Anthropogenic. Along cycle path at top shore
20/08/2020	09:52:48	1353	200145_EA_057	462 743.0	5 906 124.2	S	Anthropogenic. Across railway
20/08/2020	09:52:48	1353	200145_EA_058	462 743.0	5 906 124.2	W	Anthropogenic. Along cycle path at top shore
20/08/2020	09:52:48	1353	Field Note	462 743.0	5 906 124.2	-	Joining ends of seawall
20/08/2020	09:53:52	1354	Line	462 726.5	5 906 116.5	-	Cement seawall
20/08/2020	09:53:52	1354	200145_EA_059	462 726.5	5 906 116.5	Down	Seawall. Yellow lichen
20/08/2020	09:53:52	1354	200145_EA_060	462 726.5	5 906 116.5	Down	Seawall and rock dump sea defence. Yellow lichen
20/08/2020	09:53:52	1354	200145_EA_061	462 726.5	5 906 116.5	Down	Rock dump sea defence. Yellow lichen
20/08/2020	09:53:52	1354	200145_EA_062	462 726.5	5 906 116.5	Down	Rock dump sea defence. Lichens, fern
20/08/2020	09:53:52	1354	200145_EA_063	462 726.5	5 906 116.5	Down	Seawall. Yellow lichen
20/08/2020	09:53:52	1354	200145_EA_064	462 726.5	5 906 116.5	Down	Rock dump sea defence. Lichens, pioneer shingle community
20/08/2020	09:57:48	1355	Line	462 598.9	5 906 059.7	-	Cement seawall
20/08/2020	09:57:48	1355	200145_EA_065	462 598.9	5 906 059.7	NW	Rock dump sea defence. Lichens, pioneer shingle community (<i>Sedum</i> sp.)
20/08/2020	09:59:34	1356	Line	462 519.3	5 906 025.4	-	Cement seawall
20/08/2020	09:59:41	1357	Line	462 513.2	5 906 028.0	-	Cement seawall
20/08/2020	09:59:50	1358	Line	462 501.2	5 906 025.5	-	Cement seawall

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:00:00	1359	Line	462 491.6	5 906 017.8	-	Cement seawall
20/08/2020	10:00:03	1360	Line	462 492.4	5 906 016.8	-	Cement seawall
20/08/2020	10:00:15	1361	Line	462 479.2	5 906 010.9	-	Cement seawall
20/08/2020	10:00:51	1362	Line	462 431.8	5 905 991.5	-	Cement seawall
20/08/2020	10:00:51	1362	200145_EA_066	462 431.8	5 905 991.5	N	Rock dump sea defence. Yellow lichen
20/08/2020	10:02:17	1363	Line	462 364.1	5 905 960.3	-	Cement seawall
20/08/2020	10:02:25	1364	Line	462 357.5	5 905 956.6	-	Cement seawall
20/08/2020	10:03:00	1365	Line	462 315.9	5 905 939.2	-	Cement seawall
20/08/2020	10:03:00	1365	200145_EA_067	462 315.9	5 905 939.2	N	Rock dump sea defence. Narrow band of pioneer shingle community
20/08/2020	10:03:00	1365	200145_EA_068	462 315.9	5 905 939.2	E	Along cycle path, some pioneer shingle community
20/08/2020	10:03:00	1365	200145_EA_069	462 315.9	5 905 939.2	S	Anthropogenic. Across railway
20/08/2020	10:03:00	1365	200145_EA_070	462 315.9	5 905 939.2	W	Along cycle path, some pioneer shingle community
20/08/2020	10:03:00	1365	Field Note	462 315.9	5 905 939.2	-	Narrow band of pioneer shingle community above boulders, below seawall
20/08/2020	16:16:20	1551	Line	462 275.3	5 905 974.5	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:16:34	1552	Line	462 284.9	5 905 977.4	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:16:44	1553	Line	462 298.5	5 905 985.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:16:44	1553	200145_EA_071	462 298.5	5 905 985.3	N	Down across sand to sea
20/08/2020	16:16:44	1553	200145_EA_072	462 298.5	5 905 985.3	E	Along coarse (sand, pebbles, cobbles)/sand. Sand mason worm (<i>Lanice conchilega</i>) boundary
20/08/2020	16:16:44	1553	200145_EA_073	462 298.5	5 905 985.3	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:16:44	1553	200145_EA_074	462 298.5	5 905 985.3	S	Up coarse (sand, pebbles, cobbles) to seawall
20/08/2020	16:16:44	1553	200145_EA_075	462 298.5	5 905 985.3	W	Along coarse (sand, pebbles, cobbles)/sand. Sand mason worm (<i>Lanice conchilega</i>) boundary
20/08/2020	16:16:44	1553	Line	462 298.5	5 905 985.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:00	1554	Line	462 294.5	5 905 981.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:18:05	1555	Line	462 294.1	5 905 985.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:11	1556	Line	462 295.3	5 905 990.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:20	1557	Line	462 298.9	5 905 986.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:24	1558	Line	462 300.1	5 905 983.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:30	1559	Line	462 303.4	5 905 985.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:36	1560	Line	462 306.7	5 905 985.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:43	1561	Line	462 310.3	5 905 989.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:52	1562	Line	462 316.1	5 905 994.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:18:58	1563	Line	462 319.4	5 905 995.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:19:04	1564	Line	462 323.7	5 906 000.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:19:17	1565	Line	462 333.3	5 906 002.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:19:23	1566	Line	462 335.6	5 906 003.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:19:32	1567	Line	462 344.2	5 906 007.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:19:45	1568	Line	462 355.2	5 906 009.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:19:49	1569	Line	462 357.0	5 906 010.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:19:58	1570	Line	462 363.4	5 906 014.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:20:07	1571	Line	462 370.5	5 906 017.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:20:13	1572	Line	462 374.0	5 906 018.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:20:21	1573	Line	462 384.4	5 906 023.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:20:53	1574	Line	462 377.8	5 906 019.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:21:51	1575	Line	462 371.1	5 906 017.8	-	Mixed (muddy sand, pebbles, cobbles, boulder)
20/08/2020	16:21:59	1576	Line	462 363.7	5 906 014.9	-	Mixed (muddy sand, pebbles, cobbles, boulder)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:22:08	1577	Line	462 361.0	5 906 013.1	-	Mixed (muddy sand, pebbles, cobbles, boulder). Bare/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	16:22:08	1577	200145_EA_076	462 361.0	5 906 013.1	N	Down across mixed (muddy sand, pebbles, cobbles, boulder) - pool towards sea. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:22:08	1577	200145_EA_077	462 361.0	5 906 013.1	E	Along mixed (muddy sand, pebbles, cobbles, boulder)/sand boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:22:08	1577	200145_EA_078	462 361.0	5 906 013.1	S	Up coarse (sand, pebbles, cobbles) to rock dump sea defence
20/08/2020	16:22:08	1577	200145_EA_079	462 361.0	5 906 013.1	W	Along mixed (muddy sand, pebbles, cobbles, boulder)/sand boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:22:08	1577	200145_EA_080	462 361.0	5 906 013.1	Down	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:23:21	1578	Line	462 363.8	5 906 012.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:23:24	1579	Line	462 362.7	5 906 012.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:23:29	1580	Line	462 361.3	5 906 012.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:23:32	1581	Line	462 360.7	5 906 011.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:23:36	1582	Line	462 358.7	5 906 011.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:23:40	1583	Line	462 363.4	5 906 011.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:24:19	1584	Line	462 355.9	5 906 011.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:24:36	1585	Line	462 350.3	5 906 008.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:24:44	1586	Line	462 346.4	5 906 007.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:25:53	1587	Line	462 348.1	5 906 007.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (2)
20/08/2020	16:25:58	1588	Line	462 346.7	5 906 009.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (2)
20/08/2020	16:26:02	1589	Line	462 344.9	5 906 007.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (2)
20/08/2020	16:26:08	1590	Line	462 343.7	5 906 006.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (2)
20/08/2020	16:26:11	1591	Line	462 342.4	5 906 006.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (2)
20/08/2020	16:26:15	1592	Line	462 342.8	5 906 004.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (2)
20/08/2020	16:26:15	1592	200145_EA_081	462 342.8	5 906 004.6	N	Down across mixed (muddy sand, pebbles, cobbles, boulder) - pool towards sea. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:26:15	1592	200145_EA_082	462 342.8	5 906 004.6	E	Along mixed (muddy sand, pebbles, cobbles, boulder)/sand boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:26:15	1592	200145_EA_083	462 342.8	5 906 004.6	S	Up coarse (sand, pebbles, cobbles) to rock dump sea defence
20/08/2020	16:26:15	1592	200145_EA_084	462 342.8	5 906 004.6	W	Along mixed (muddy sand, pebbles, cobbles, boulder)/sand boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:26:15	1592	200145_EA_085	462 342.8	5 906 004.6	Down	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:26:34	1593	Line	462 343.6	5 906 005.3	-	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:26:45	1594	Line	462 337.7	5 906 003.1	-	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:26:45	1594	Field Note	462 337.7	5 906 003.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:26:45	1594	200145_EA_086	462 337.7	5 906 003.1	W	Along mixed (muddy sand, pebbles, cobbles, boulder)/sand boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:27:31	1595	Line	462 330.9	5 906 000.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:27:36	1596	Line	462 328.4	5 905 999.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:27:36	1596	200145_EA_087	462 328.4	5 905 999.2	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:27:36	1596	Field Note	462 328.4	5 905 999.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) to the north
20/08/2020	16:28:15	1597	Line	462 323.3	5 905 995.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:28:21	1598	Line	462 316.8	5 905 991.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:28:30	1599	Line	462 307.2	5 905 988.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:28:36	1600	Line	462 302.8	5 905 985.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:28:40	1601	Line	462 300.8	5 905 984.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:28:45	1602	Line	462 295.7	5 905 982.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:28:45	1602	200145_EA_088	462 295.7	5 905 982.5	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:28:45	1602	Field Note	462 295.7	5 905 982.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) to the north
20/08/2020	16:29:17	1603	Line	462 294.0	5 905 979.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:29:27	1604	Line	462 282.5	5 905 973.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:29:34	1605	Line	462 272.3	5 905 967.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:29:42	1606	Line	462 268.4	5 905 967.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:30:38	1607	Line	462 320.9	5 905 991.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:30:38	1607	200145_EA_089	462 320.9	5 905 991.8	Down	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:31:32	1608	Line	462 327.3	5 905 993.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:31:44	1609	Line	462 336.5	5 905 996.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:31:56	1610	Line	462 355.9	5 906 006.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:32:04	1611	Line	462 359.5	5 906 008.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:32:13	1612	Line	462 370.4	5 906 013.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:32:20	1613	Line	462 378.1	5 906 017.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:32:20	1613	Field Note	462 378.1	5 906 017.5	-	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip) continues at same level on shore from here
20/08/2020	16:32:20	1613	200145_EA_090	462 378.1	5 906 017.5	Down	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:33:59	1614	Line	462 382.4	5 906 021.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:34:08	1615	Line	462 387.8	5 906 025.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:34:21	1616	Line	462 403.7	5 906 033.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:34:33	1617	Line	462 416.2	5 906 040.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:34:41	1618	Line	462 423.8	5 906 042.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:34:47	1619	Line	462 431.5	5 906 046.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:34:52	1620	Line	462 435.0	5 906 048.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)
20/08/2020	16:35:01	1621	Line	462 441.8	5 906 049.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (strip)/Sand with <i>Lanice conchilega</i> boundary
20/08/2020	16:35:01	1621	200145_EA_091	462 441.8	5 906 049.9	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:35:01	1621	200145_EA_092	462 441.8	5 906 049.9	Down	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:36:04	1622	Line	462 441.3	5 906 052.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:09	1623	Line	462 445.5	5 906 055.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:13	1624	Line	462 448.4	5 906 056.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:18	1625	Line	462 449.7	5 906 058.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:22	1626	Line	462 453.0	5 906 059.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:26	1627	Line	462 458.5	5 906 062.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:30	1628	Line	462 458.4	5 906 064.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:33	1629	Line	462 456.4	5 906 066.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:41	1630	Line	462 458.1	5 906 069.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:36:45	1631	Line	462 461.4	5 906 068.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:49	1632	Line	462 464.2	5 906 069.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:53	1633	Line	462 465.4	5 906 071.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:58	1634	Line	462 468.1	5 906 072.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:01	1635	Line	462 469.5	5 906 071.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:06	1636	Line	462 473.4	5 906 071.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:09	1637	Line	462 474.7	5 906 072.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:15	1638	Line	462 476.7	5 906 075.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:21	1639	Line	462 480.2	5 906 077.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:21	1639	200145_EA_093	462 480.2	5 906 077.3	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:54	1640	Line	462 483.4	5 906 080.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:58	1641	Line	462 485.7	5 906 082.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:38:03	1642	Line	462 490.1	5 906 083.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:38:07	1643	Line	462 495.5	5 906 083.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:38:14	1644	Line	462 501.5	5 906 085.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:38:19	1645	Line	462 506.2	5 906 085.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:38:25	1646	Line	462 511.7	5 906 086.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:38:52	1647	Line	462 506.5	5 906 079.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:39:02	1648	Line	462 499.2	5 906 078.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:39:02	1648	200145_EA_094	462 499.2	5 906 078.8	Down	Muddy sand. Diatoms
20/08/2020	16:39:02	1648	Line	462 499.2	5 906 078.8	-	Muddy sand
20/08/2020	16:39:12	1649	Line	462 492.5	5 906 076.0	-	Muddy sand
20/08/2020	16:39:22	1650	Line	462 486.6	5 906 074.5	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:40:05	1651	Line	462 484.0	5 906 071.4	-	Muddy sand
20/08/2020	16:40:12	1652	Line	462 480.2	5 906 070.4	-	Muddy sand
20/08/2020	16:40:20	1653	Line	462 477.5	5 906 070.5	-	Muddy sand
20/08/2020	16:41:01	1654	Line	462 476.7	5 906 072.2	-	Muddy sand
20/08/2020	16:41:01	1654	200145_EA_095	462 476.7	5 906 072.2	Down	Consolidated mud exposures (?clay) from sand
20/08/2020	16:41:01	1654	200145_EA_096	462 476.7	5 906 072.2	Down	Consolidated mud exposures (?clay) from sand
20/08/2020	16:41:01	1654	200145_EA_097	462 476.7	5 906 072.2	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:41:01	1654	200145_EA_098	462 476.7	5 906 072.2	Down	Mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:41:23	1655	Line	462 476.3	5 906 071.1	-	Muddy sand
20/08/2020	16:41:29	1656	Line	462 474.4	5 906 068.5	-	Muddy sand
20/08/2020	16:41:35	1657	Line	462 477.2	5 906 067.7	-	Muddy sand
20/08/2020	16:41:35	1657	Line	462 477.2	5 906 067.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:43:57	1658	Line	462 469.5	5 906 065.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:44:04	1659	Line	462 464.7	5 906 064.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:44:13	1660	Line	462 455.7	5 906 061.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:44:22	1661	Line	462 445.3	5 906 055.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:44:30	1662	Line	462 437.4	5 906 052.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:44:37	1663	Line	462 427.4	5 906 047.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:44:46	1664	Line	462 420.5	5 906 043.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:44:55	1665	Line	462 411.4	5 906 039.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:45:01	1666	Line	462 403.8	5 906 033.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:45:11	1667	Line	462 395.1	5 906 030.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:45:16	1668	Line	462 398.1	5 906 028.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:45:30	1669	Line	462 419.1	5 906 039.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:45:41	1670	Line	462 432.9	5 906 046.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:45:51	1671	Line	462 444.0	5 906 051.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:46:01	1672	Line	462 451.2	5 906 054.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:46:16	1673	Line	462 466.1	5 906 061.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:46:31	1674	Line	462 480.0	5 906 066.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:46:31	1674	200145_EA_099	462 480.0	5 906 066.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:47:58	1675	Line	462 481.0	5 906 070.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:47:58	1675	200145_EA_100	462 481.0	5 906 070.8	Down	Muddy sand. Diatoms

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:48:21	1676	Line	462 490.6	5 906 075.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:48:29	1677	Line	462 496.5	5 906 077.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:48:35	1678	Line	462 505.0	5 906 079.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:48:46	1679	Line	462 514.9	5 906 081.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:49:25	1680	Line	462 521.3	5 906 085.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:49:33	1681	Line	462 526.6	5 906 086.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:49:39	1682	Line	462 530.3	5 906 087.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:49:46	1683	Line	462 536.3	5 906 090.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:49:54	1684	Line	462 547.3	5 906 096.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:50:02	1685	Line	462 555.9	5 906 100.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Muddy sand boundary
20/08/2020	16:50:15	1686	Line	462 564.5	5 906 105.5	-	Mixed (muddy sand, pebbles, cobbles). ?Barnacles, winkles (? <i>Littorina</i> sp.)
20/08/2020	16:50:42	1687	Line	462 557.1	5 906 103.3	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:50:54	1688	Line	462 548.5	5 906 097.9	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:50:58	1689	Line	462 544.7	5 906 096.4	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:51:02	1690	Line	462 542.4	5 906 094.3	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:51:07	1691	Line	462 538.3	5 906 093.3	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:51:12	1692	Line	462 534.1	5 906 091.2	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:51:17	1693	Line	462 529.1	5 906 090.3	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:51:23	1694	Line	462 524.4	5 906 087.6	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:51:29	1695	Line	462 519.9	5 906 086.7	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:51:40	1696	Line	462 512.7	5 906 083.2	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:51:48	1697	Line	462 504.9	5 906 083.3	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:51:56	1698	Line	462 497.3	5 906 080.7	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:52:05	1699	Line	462 489.4	5 906 077.5	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:52:12	1700	Line	462 484.3	5 906 074.7	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:52:25	1701	Line	462 474.0	5 906 069.7	-	?Mixed (largely muddy sand, infrequent pebbles, cobbles)
20/08/2020	16:53:06	1702	Line	462 487.6	5 906 068.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:53:28	1703	Line	462 496.5	5 906 071.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:53:50	1704	Line	462 504.2	5 906 075.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:53:59	1705	Line	462 517.8	5 906 079.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:54:05	1706	Line	462 523.1	5 906 080.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:54:08	1707	Line	462 524.0	5 906 080.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
20/08/2020	16:54:08	1707	Field Note	462 524.0	5 906 080.5	-	End of Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) to south
20/08/2020	16:54:08	1707	200145_EA_101	462 524.0	5 906 080.5	N	Down across mixed (muddy sand, pebbles, cobbles, boulder) - pool towards sea. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:54:08	1707	200145_EA_102	462 524.0	5 906 080.5	E	Along mixed (muddy sand, pebbles, cobbles, boulder)/sand boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:54:08	1707	200145_EA_103	462 524.0	5 906 080.5	S	Up coarse (sand, pebbles, cobbles) to rock dump sea defence
20/08/2020	16:54:08	1707	200145_EA_104	462 524.0	5 906 080.5	W	Along mixed (muddy sand, pebbles, cobbles)/coarse (sand, pebbles, cobbles) boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:54:08	1707	200145_EA_105	462 524.0	5 906 080.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:55:26	1708	Line	462 524.1	5 906 082.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:55:32	1709	Line	462 530.0	5 906 087.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:55:36	1710	Line	462 533.1	5 906 088.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:55:42	1711	Line	462 537.9	5 906 089.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:55:48	1712	Line	462 542.9	5 906 090.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:55:54	1713	Line	462 550.1	5 906 093.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:55:59	1714	Line	462 553.8	5 906 095.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:06	1715	Line	462 556.8	5 906 097.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:16	1716	Line	462 564.7	5 906 101.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:24	1717	Line	462 570.8	5 906 103.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:29	1718	Line	462 575.2	5 906 103.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:34	1719	Line	462 579.0	5 906 105.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:39	1720	Line	462 584.2	5 906 108.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:44	1721	Line	462 588.0	5 906 111.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:48	1722	Line	462 591.9	5 906 113.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:53	1723	Line	462 596.3	5 906 115.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:56:57	1724	Line	462 598.9	5 906 115.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:56:57	1724	200145_EA_106	462 598.9	5 906 115.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
20/08/2020	16:57:39	1725	Line	462 601.8	5 906 116.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:57:44	1726	Line	462 604.0	5 906 118.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:57:50	1727	Line	462 609.6	5 906 120.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:57:54	1728	Line	462 612.3	5 906 122.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:57:59	1729	Line	462 617.4	5 906 124.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:04	1730	Line	462 622.0	5 906 127.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:08	1731	Line	462 623.1	5 906 130.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:12	1732	Line	462 624.7	5 906 130.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:16	1733	Line	462 629.4	5 906 131.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:20	1734	Line	462 631.3	5 906 133.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:24	1735	Line	462 633.8	5 906 134.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:28	1736	Line	462 634.1	5 906 135.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:32	1737	Line	462 636.3	5 906 135.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:37	1738	Line	462 640.7	5 906 138.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:46	1739	Line	462 650.3	5 906 142.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:58:54	1740	Line	462 655.5	5 906 143.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:59:06	1741	Line	462 665.3	5 906 146.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:59:10	1742	Line	462 663.8	5 906 144.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:59:26	1743	Line	462 644.3	5 906 132.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:59:40	1744	Line	462 632.7	5 906 127.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:59:52	1745	Line	462 614.0	5 906 117.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:00:01	1746	Line	462 608.1	5 906 115.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:00:08	1747	Line	462 600.3	5 906 111.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:00:08	1747	200145_EA_107	462 600.3	5 906 111.3	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
20/08/2020	17:00:54	1748	Line	462 596.5	5 906 112.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:01:08	1749	Line	462 587.4	5 906 109.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:01:20	1750	Line	462 575.9	5 906 103.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:01:28	1751	Line	462 568.3	5 906 100.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:01:37	1752	Line	462 557.5	5 906 095.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:01:45	1753	Line	462 547.7	5 906 090.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:01:51	1754	Line	462 541.4	5 906 088.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:02:00	1755	Line	462 532.8	5 906 085.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:02:07	1756	Line	462 524.9	5 906 081.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:03:50	1757	Line	462 598.8	5 906 121.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:04:20	1758	Line	462 608.0	5 906 125.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:04:40	1759	Line	462 624.6	5 906 133.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:04:45	1760	Line	462 627.9	5 906 137.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:04:55	1761	Line	462 634.4	5 906 139.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:04:55	1761	Target Note	462 634.4	5 906 139.1	-	Anthropogenic debris. Metal pole (?scaffolding) with ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:04:55	1761	200145_EA_108	462 634.4	5 906 139.1	E	Anthropogenic debris. Metal pole (?scaffolding) with ephemeral greens (<i>Ulva ?intestinalis</i>) on mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand mason worm (<i>Lanice conchilega</i>) boundary
20/08/2020	17:05:45	1762	Line	462 635.6	5 906 143.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:05:54	1763	Line	462 640.2	5 906 142.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Anthropogenic debris with Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:05:54	1763	Target Note	462 640.2	5 906 142.0	-	Anthropogenic. Metal pole (?scaffolding) with ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:05:54	1763	200145_EA_109	462 640.2	5 906 142.0	W	Anthropogenic. Metal pole (?scaffolding) with ephemeral greens (<i>Ulva ?intestinalis</i>) on mixed (muddy sand, pebbles, cobbles, boulder). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand mason worm (<i>Lanice conchilega</i>) boundary
20/08/2020	17:06:39	1764	Line	462 643.0	5 906 143.4	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:06:43	1765	Line	462 646.0	5 906 145.3	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:06:52	1766	Line	462 653.8	5 906 149.8	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:06:57	1767	Line	462 658.8	5 906 150.8	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:07:37	1768	Line	462 690.7	5 906 167.2	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:07:42	1769	Line	462 694.4	5 906 167.1	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:07:49	1770	Line	462 698.8	5 906 170.7	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:07:57	1771	Line	462 706.9	5 906 172.5	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:08:08	1772	Line	462 718.5	5 906 182.2	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:08:14	1773	Line	462 723.9	5 906 183.7	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:08:27	1774	Line	462 736.6	5 906 193.1	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:08:32	1775	Line	462 739.3	5 906 194.4	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:08:42	1776	Line	462 746.2	5 906 196.9	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:08:49	1777	Line	462 751.5	5 906 201.2	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:08:57	1778	Line	462 757.9	5 906 203.8	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:09:04	1779	Line	462 764.2	5 906 206.9	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:09:23	1780	Line	462 782.3	5 906 215.6	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:09:23	1780	Field Note	462 782.3	5 906 215.6	-	Mud ca. 2 m wide to north of here
20/08/2020	17:09:29	1781	Line	462 785.5	5 906 216.4	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:09:54	1782	Line	462 790.1	5 906 219.6	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:09:54	1782	Field Note	462 790.1	5 906 219.6	-	Mud changes to ? to north of here
20/08/2020	17:10:22	1783	Line	462 794.9	5 906 221.2	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:10:46	1784	Line	462 820.5	5 906 238.5	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:10:56	1785	Line	462 831.1	5 906 245.9	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:11:02	1786	Line	462 838.5	5 906 249.6	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:11:11	1787	Line	462 845.2	5 906 252.7	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:11:11	1787	200145_EA_110	462 845.2	5 906 252.7	N	Anthropogenic. Down cobble fjord on muddy sand in pool
20/08/2020	17:11:11	1787	Target Note	462 845.2	5 906 252.7	-	Anthropogenic: Fjord to north
20/08/2020	17:12:01	1788	Line	462 859.0	5 906 260.5	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:12:12	1789	Line	462 869.4	5 906 269.6	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:12:20	1790	Line	462 874.9	5 906 273.0	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:12:20	1790	200145_EA_111	462 874.9	5 906 273.0	N	Anthropogenic. Down cobble fjord on muddy sand in pool
20/08/2020	17:12:20	1790	Target Note	462 874.9	5 906 273.0	-	Anthropogenic: Fjord to north
20/08/2020	17:13:21	1791	Line	462 884.0	5 906 276.5	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:13:30	1792	Line	462 893.6	5 906 282.8	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:13:39	1793	Line	462 901.4	5 906 286.3	-	Mixed (muddy sand, pebbles, cobbles). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:14:38	1794	Line	462 959.7	5 906 322.6	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:14:38	1794	200145_EA_112	462 959.7	5 906 322.6	N	Anthropogenic. Down cobble fjord on muddy sand in pool. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:14:38	1794	200145_EA_113	462 959.7	5 906 322.6	N	Anthropogenic. Down cobble fjord on muddy sand in pool
20/08/2020	17:14:38	1794	200145_EA_114	462 959.7	5 906 322.6	E	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:14:38	1794	200145_EA_115	462 959.7	5 906 322.6	S	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:14:38	1794	200145_EA_116	462 959.7	5 906 322.6	W	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:14:38	1794	Target Note	462 959.7	5 906 322.6	-	Anthropogenic: Fjord to north
20/08/2020	17:15:36	1795	Line	462 963.7	5 906 321.5	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:15:43	1796	Line	462 968.6	5 906 326.5	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:15:54	1797	Line	462 980.0	5 906 333.3	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:16:00	1798	Line	462 984.6	5 906 336.2	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:16:09	1799	Line	462 992.9	5 906 340.5	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:16:14	1800	Line	462 996.8	5 906 341.7	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:16:30	1801	Line	463 011.3	5 906 348.8	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:16:46	1802	Line	463 021.0	5 906 356.9	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:16:54	1803	Line	463 026.0	5 906 357.8	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	17:17:08	1804	Line	463 037.7	5 906 365.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:17:08	1823	200145_EA_117	463 037.7	5 906 365.6	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:17:08	1823	200145_EA_118	463 037.7	5 906 365.6	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:17:26	1805	Line	463 043.1	5 906 365.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:18:27	1806	Line	463 035.2	5 906 360.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:18:38	1807	Line	463 026.0	5 906 356.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:18:40	1808	Line	463 025.6	5 906 354.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:18:50	1809	Line	463 022.2	5 906 345.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:03	1810	Line	463 007.7	5 906 342.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:11	1811	Line	463 001.1	5 906 341.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:23	1812	Line	462 992.4	5 906 334.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:31	1813	Line	462 986.5	5 906 333.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:36	1814	Line	462 981.5	5 906 331.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:40	1815	Line	462 979.4	5 906 326.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:45	1816	Line	462 975.1	5 906 324.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:49	1817	Line	462 973.5	5 906 322.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:53	1818	Line	462 971.6	5 906 323.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:57	1819	Line	462 971.7	5 906 320.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:19:57	1819	200145_EA_119	462 971.7	5 906 320.7	Down	Anthropogenic debris (Trolley). Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:19:57	1819	Target Note	462 971.7	5 906 320.7	-	Anthropogenic debris: Trolley
20/08/2020	17:20:22	1820	Line	462 970.1	5 906 318.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:20:27	1821	Line	462 964.9	5 906 316.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:20:33	1822	Line	462 961.4	5 906 313.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:20:46	1823	Line	462 957.4	5 906 304.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	17:20:56	1824	Line	462 966.2	5 906 310.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:21:37	1825	Line	462 988.2	5 906 323.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:21:37	1825	200145_EA_120	462 988.2	5 906 323.0	E	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/coarse (sand, pebbles, cobbles) boundary
20/08/2020	17:22:27	1826	Line	463 004.7	5 906 333.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:22:35	1827	Line	463 013.0	5 906 339.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:22:42	1828	Line	463 020.4	5 906 343.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:22:52	1829	Line	463 028.2	5 906 347.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:23:30	1830	Line	463 061.3	5 906 369.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:23:48	1831	Line	463 080.8	5 906 381.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:24:02	1832	Line	463 092.1	5 906 388.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:24:12	1833	Line	463 097.4	5 906 391.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:24:31	1834	Line	463 119.6	5 906 405.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:24:53	1835	Line	463 139.1	5 906 420.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:25:03	1836	Line	463 146.2	5 906 426.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:25:03	1836	Field Note	463 146.2	5 906 426.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - above (ca. 1.5 m wide)
20/08/2020	17:25:53	1837	Line	463 156.3	5 906 432.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:26:02	1838	Line	463 165.4	5 906 438.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:26:07	1839	Line	463 169.2	5 906 440.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:26:14	1840	Line	463 174.5	5 906 447.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:26:28	1841	Line	463 161.4	5 906 441.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:26:37	1842	Line	463 152.9	5 906 435.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:26:44	1843	Line	463 145.5	5 906 430.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:26:56	1844	Line	463 133.9	5 906 423.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:01	1845	Line	463 130.1	5 906 421.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:09	1846	Line	463 121.6	5 906 416.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:14	1847	Line	463 117.8	5 906 414.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:20	1848	Line	463 113.0	5 906 409.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:27	1849	Line	463 105.6	5 906 406.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:30	1850	Line	463 103.3	5 906 406.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:33	1851	Line	463 101.8	5 906 405.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:37	1852	Line	463 099.4	5 906 403.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:45	1853	Line	463 095.8	5 906 401.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:45	1853	200145_EA_121	463 095.8	5 906 401.5	Down	Mixed (muddy sand, pebbles, cobbles). Winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:27:45	1853	200145_EA_122	463 095.8	5 906 401.5	Down	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	17:28:39	1854	Line	463 090.4	5 906 397.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:28:45	1855	Line	463 086.9	5 906 395.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:28:51	1856	Line	463 080.8	5 906 392.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:28:56	1857	Line	463 076.5	5 906 388.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:29:07	1858	Line	463 068.4	5 906 384.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:29:26	1859	Line	463 050.8	5 906 373.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:29:31	1860	Line	463 049.0	5 906 371.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:29:36	1861	Line	463 044.9	5 906 368.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:31:23	1862	Line	463 100.2	5 906 395.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:31:38	1863	Line	463 105.7	5 906 396.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:31:53	1864	Line	463 118.1	5 906 405.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:32:36	1865	Line	463 156.6	5 906 430.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:32:51	1866	Line	463 169.9	5 906 440.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:32:58	1867	Line	463 174.6	5 906 441.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:34:11	1868	Line	463 171.1	5 906 449.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:34:31	1869	Line	463 163.9	5 906 444.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:34:37	1870	Line	463 160.1	5 906 442.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:34:46	1871	Line	463 152.9	5 906 437.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:34:55	1872	Line	463 147.3	5 906 435.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:35:01	1873	Line	463 143.4	5 906 432.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:35:08	1874	Line	463 139.6	5 906 430.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:35:15	1875	Line	463 135.2	5 906 427.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:35:15	1875	200145_EA_123	463 135.2	5 906 427.1	Down	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:35:15	1875	200145_EA_124	463 135.2	5 906 427.1	N	Down across muddy sand pool and sand to sea. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:35:15	1875	200145_EA_125	463 135.2	5 906 427.1	E	Along muddy sand in pool. Sand mason worm (<i>Lanice conchilega</i>)/Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:35:15	1875	200145_EA_126	463 135.2	5 906 427.1	S	Up from muddy sand in pool. Sand mason worm (<i>Lanice conchilega</i>) over Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) over Coarse (sand, pebbles, cobbles)
20/08/2020	17:35:15	1875	200145_EA_127	463 135.2	5 906 427.1	W	Along muddy sand in pool. Sand mason worm (<i>Lanice conchilega</i>)/Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	17:36:06	1876	Line	463 130.8	5 906 427.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:36:11	1877	Line	463 128.4	5 906 426.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:36:26	1878	Line	463 120.3	5 906 420.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:36:49	1879	Line	463 108.3	5 906 412.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:37:54	1880	Line	463 108.3	5 906 416.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:38:01	1881	Line	463 105.2	5 906 416.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:38:09	1882	Line	463 105.6	5 906 412.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:39:33	1883	Line	463 103.8	5 906 410.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:39:52	1884	Line	463 097.9	5 906 409.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:40:10	1885	Line	463 096.9	5 906 405.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:40:16	1886	Line	463 094.9	5 906 402.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:41:02	1887	Line	463 086.6	5 906 401.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:41:06	1888	Line	463 086.4	5 906 403.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:41:14	1889	Line	463 083.8	5 906 398.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:41:21	1890	Line	463 080.2	5 906 399.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:42:03	1891	Line	463 078.2	5 906 400.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:42:07	1892	Line	463 076.4	5 906 399.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:42:30	1893	Line	463 075.8	5 906 390.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:42:36	1894	Line	463 071.2	5 906 390.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:42:40	1895	Line	463 068.6	5 906 389.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:42:46	1896	Line	463 064.5	5 906 387.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:42:52	1897	Line	463 060.9	5 906 384.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:42:58	1898	Line	463 057.3	5 906 381.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:05	1899	Line	463 053.8	5 906 381.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:10	1900	Line	463 049.9	5 906 383.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:16	1901	Line	463 049.6	5 906 376.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:28	1902	Line	463 042.2	5 906 371.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:35	1903	Line	463 038.4	5 906 373.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:41	1904	Line	463 034.0	5 906 372.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:46	1905	Line	463 031.9	5 906 368.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:53	1906	Line	463 027.4	5 906 363.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:43:59	1907	Line	463 023.0	5 906 362.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:44:10	1908	Line	463 013.8	5 906 359.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:44:16	1909	Line	463 008.9	5 906 357.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:44:24	1910	Line	463 006.1	5 906 349.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:44:33	1911	Line	462 999.9	5 906 348.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:44:42	1912	Line	462 994.9	5 906 345.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:44:52	1913	Line	462 989.2	5 906 341.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:44:52	1913	200145_EA_128	462 989.2	5 906 341.7	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:44:52	1913	200145_EA_129	462 989.2	5 906 341.7	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:45:45	1914	Line	462 980.8	5 906 336.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:45:51	1915	Line	462 976.0	5 906 334.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:45:59	1916	Line	462 970.0	5 906 331.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:46:05	1917	Line	462 966.6	5 906 329.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:46:11	1918	Line	462 962.6	5 906 327.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:46:17	1919	Line	462 958.1	5 906 322.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:46:28	1920	Line	462 956.6	5 906 317.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	17:47:04	1921	Line	462 955.1	5 906 305.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:47:16	1922	Line	462 944.8	5 906 298.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:47:30	1923	Line	462 933.0	5 906 291.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:47:43	1924	Line	462 919.3	5 906 284.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:47:56	1925	Line	462 909.0	5 906 284.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:48:00	1926	Line	462 907.7	5 906 282.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:48:07	1927	Line	462 902.6	5 906 281.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:48:15	1928	Line	462 900.5	5 906 276.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:48:23	1929	Line	462 899.9	5 906 273.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Mixed
20/08/2020	17:48:23	1929	Field Note	462 899.9	5 906 273.2	E	Small mixed (muddy sand, pebbles, cobbles) inset to east
20/08/2020	17:48:53	1930	Line	462 888.4	5 906 267.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:49:03	1931	Line	462 881.7	5 906 264.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:49:15	1932	Line	462 870.8	5 906 260.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:49:19	1933	Line	462 868.2	5 906 260.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:49:25	1934	Line	462 860.9	5 906 256.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:49:25	1934	Field Note	462 860.9	5 906 256.8	W	Small mixed (muddy sand, pebbles, cobbles) inset to west
20/08/2020	17:49:55	1935	Line	462 854.8	5 906 253.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:50:02	1936	Line	462 848.3	5 906 249.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:50:07	1937	Line	462 845.7	5 906 250.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	17:50:40	1938	Line	462 862.3	5 906 253.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Mixed
20/08/2020	17:51:12	1939	Line	462 844.2	5 906 242.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Mixed
20/08/2020	17:51:12	1939	200145_EA_130	462 844.2	5 906 242.2	N	Down over mixed (muddy sand, pebbles, cobbles) to cobble fjord over muddy sand pool to sea
20/08/2020	17:51:12	1939	200145_EA_131	462 844.2	5 906 242.2	E	Along mixed (muddy sand, pebbles, cobbles)/coarse (sand, pebbles, cobbles) boundary

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:51:12	1939	200145_EA_132	462 844.2	5 906 242.2	S	Up coarse (sand, pebbles, cobbles)
20/08/2020	17:51:12	1939	200145_EA_133	462 844.2	5 906 242.2	W	Along mixed (muddy sand, pebbles, cobbles)/coarse (sand, pebbles, cobbles) boundary. Narrow band of ephemeral greens (<i>Ulva ?intestinalis</i>) at top
20/08/2020	17:51:12	1939	Field Note	462 844.2	5 906 242.2	-	1 m Mixed (muddy sand, pebbles, cobbles). Ephemeral ?greens (<i>Ulva</i> sp.) strip at top
20/08/2020	17:55:28	1940	200145_EA_134	462 784.7	5 906 374.2	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:56:55	1941	200145_EA_135	462 804.6	5 906 426.0	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:57:35	1942	200145_EA_136	462 827.1	5 906 460.5	Down	Sand. Anoxia. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:58:47	1943	200145_EA_137	462 872.4	5 906 529.6	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:59:58	1944	200145_EA_138	462 801.3	5 906 475.4	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:00:52	1945	200145_EA_139	462 751.2	5 906 423.6	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:01:31	1946	200145_EA_140	462 729.8	5 906 384.0	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:01:59	1947	200145_EA_141	462 730.7	5 906 366.6	Down	Sand. Anoxia. Worm casts (<i>Arenicola</i> sp.) - submerged
20/08/2020	18:01:59	1947	200145_EA_142	462 730.7	5 906 366.6	Down	Sand. Anoxia. Worm casts (<i>Arenicola</i> sp.) - submerged
20/08/2020	18:02:40	1948	200145_EA_143	462 726.7	5 906 345.3	Down	Sand. Anoxia. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:03:34	1949	200145_EA_144	462 682.4	5 906 307.5	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:04:32	1950	200145_EA_145	462 637.9	5 906 313.0	Down	Sand with worm casts (<i>Arenicola</i> sp.) - submerged
20/08/2020	18:05:12	1951	200145_EA_146	462 581.3	5 906 319.8	Down	Sand. Anoxia. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:06:10	1952	200145_EA_147	462 528.7	5 906 335.9	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:06:56	1953	200145_EA_148	462 489.9	5 906 334.7	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:07:31	1954	200145_EA_149	462 477.7	5 906 292.5	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:08:21	1955	200145_EA_150	462 459.2	5 906 245.9	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:09:05	1956	200145_EA_151	462 443.1	5 906 215.1	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:09:54	1957	200145_EA_152	462 433.0	5 906 187.8	Down	Sand with worm casts (<i>Arenicola</i> sp.) - submerged

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:10:54	1958	200145_EA_153	462 374.8	5 906 214.9	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:11:54	No Fix	200145_EA_154	-	-	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:12:52	1959	200145_EA_155	462 247.5	5 906 223.7	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:13:57	1960	200145_EA_156	462 223.1	5 906 164.2	Down	Sand. Anoxia. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:14:55	1961	200145_EA_157	462 220.2	5 906 099.1	N	Down sand to sea
20/08/2020	18:14:55	1961	200145_EA_158	462 220.2	5 906 099.1	E	Along sand below muddy sand in standing water
20/08/2020	18:14:55	1961	200145_EA_159	462 220.2	5 906 099.1	S	Up sand and muddy sand in standing water
20/08/2020	18:14:55	1961	200145_EA_160	462 220.2	5 906 099.1	W	Along sand below muddy sand in standing water, towards metal outflow pipes
20/08/2020	18:14:55	1961	200145_EA_161	462 220.2	5 906 099.1	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:14:55	1961	Field Note	462 220.2	5 906 099.1	-	Water flowing down shore above
20/08/2020	18:16:35	1962	200145_EA_162	462 165.6	5 906 114.6	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:17:38	1963	200145_EA_163	462 107.0	5 906 126.1	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:18:34	1964	200145_EA_164	462 054.4	5 906 130.9	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:41:56	1977	200145_EA_165	462 208.7	5 906 006.0	Down	Sand
20/08/2020	18:42:52	1978	200145_EA_166	462 264.1	5 906 002.4	Down	Sand
20/08/2020	18:43:46	1979	200145_EA_167	462 293.3	5 906 050.0	Down	Sand
20/08/2020	18:44:57	1980	200145_EA_168	462 349.3	5 906 038.1	Down	Sand
20/08/2020	18:45:54	1981	200145_EA_169	462 378.8	5 906 091.1	Down	Sand
20/08/2020	18:47:02	1982	200145_EA_170	462 449.8	5 906 081.4	Down	Sand
20/08/2020	18:47:59	1983	200145_EA_171	462 477.8	5 906 137.4	Down	Sand
20/08/2020	18:49:06	1984	200145_EA_172	462 544.9	5 906 136.9	Down	Sand
20/08/2020	18:50:16	1985	200145_EA_173	462 582.2	5 906 197.2	Down	Sand
20/08/2020	18:51:15	1986	200145_EA_174	462 658.0	5 906 191.7	Down	Sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:53:34	1987	200145_EA_175	462 747.7	5 906 236.6	Down	Sand
20/08/2020	18:54:58	1988	200145_EA_176	462 827.7	5 906 237.3	Down	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	18:56:03	1989	Line	462 837.5	5 906 236.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:56:36	1990	Line	462 831.4	5 906 233.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:56:52	1991	Line	462 815.6	5 906 224.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:57:05	1992	Line	462 806.9	5 906 221.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:57:21	1993	Line	462 790.2	5 906 213.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:57:28	1994	Line	462 784.1	5 906 209.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:57:37	1995	Line	462 776.0	5 906 204.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:57:45	1996	Line	462 767.1	5 906 199.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:57:55	1997	Line	462 761.1	5 906 197.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:58:07	1998	Line	462 750.3	5 906 191.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:58:21	1999	Line	462 738.0	5 906 183.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:58:31	2000	Line	462 727.7	5 906 177.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:58:40	2001	Line	462 719.5	5 906 174.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:58:49	2002	Line	462 711.0	5 906 168.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:59:01	2003	Line	462 703.0	5 906 166.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:59:11	2004	Line	462 701.1	5 906 164.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	18:59:44	2005	Line	462 698.9	5 906 164.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:00:02	2006	Line	462 688.6	5 906 159.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:00:20	2007	Line	462 687.4	5 906 160.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:00:28	2008	Line	462 695.8	5 906 164.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:00:33	2009	Line	462 699.8	5 906 165.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:00:33	2009	200145_EA_177	462 699.8	5 906 165.9	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	19:01:17	2010	Line	462 706.2	5 906 169.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:01:25	2011	Line	462 712.1	5 906 172.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:01:30	2012	Line	462 714.5	5 906 174.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:01:34	2013	Line	462 717.5	5 906 175.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:01:44	2014	Line	462 724.3	5 906 176.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:01:50	2015	Line	462 728.6	5 906 180.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:01:55	2016	Line	462 731.5	5 906 181.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:02:02	2017	Line	462 735.2	5 906 182.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:03:26	2018	Line	462 738.9	5 906 188.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:03:43	2019	Line	462 742.8	5 906 189.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:03:50	2020	Line	462 747.3	5 906 191.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:03:56	2021	Line	462 752.4	5 906 197.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:04:01	2022	Line	462 754.7	5 906 199.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:04:07	2023	Line	462 760.7	5 906 201.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:04:14	2024	Line	462 767.3	5 906 202.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:04:17	2025	Line	462 768.9	5 906 203.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:04:22	2026	Line	462 772.7	5 906 202.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:04:27	2027	Line	462 775.2	5 906 205.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:04:27	2027	200145_EA_178	462 775.2	5 906 205.7	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:04:59	2028	Line	462 780.4	5 906 207.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:04:59	2028	Field Note	462 780.4	5 906 207.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - 1 m strip from here
20/08/2020	19:06:15	2029	Line	462 772.5	5 906 211.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:06:29	2030	Line	462 767.4	5 906 208.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:06:33	2031	Line	462 768.3	5 906 205.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:06:39	2032	Line	462 762.9	5 906 204.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:06:44	2033	Line	462 760.7	5 906 203.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:06:47	2034	Line	462 758.5	5 906 203.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:06:50	2035	Line	462 755.9	5 906 202.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:06:55	2036	Line	462 750.9	5 906 198.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:07:01	2037	Line	462 746.1	5 906 192.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:07:05	2038	Line	462 743.8	5 906 190.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:07:09	2039	Line	462 739.7	5 906 189.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:07:13	2040	Line	462 737.0	5 906 188.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:07:18	2041	Line	462 733.1	5 906 186.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:07:22	2042	Line	462 731.5	5 906 183.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:07:27	2043	Line	462 727.8	5 906 181.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:07:32	2044	Line	462 724.8	5 906 179.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:07:59	2045	Line	462 717.6	5 906 178.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:08:09	2046	Line	462 711.7	5 906 175.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:08:17	2047	Line	462 706.5	5 906 175.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:08:36	2048	Line	462 706.7	5 906 176.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:08:36	2048	200145_EA_179	462 706.7	5 906 176.5	Down	Mixed (muddy sand, pebbles, cobbles). Worm casts (<i>Arenicola</i> sp.)
20/08/2020	19:09:05	2049	Line	462 699.6	5 906 169.5	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	19:11:22	2050	Line	462 688.0	5 906 159.0	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	19:11:51	2051	Line	462 680.7	5 906 156.1	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	19:11:51	2051	Line	462 680.7	5 906 156.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:12:36	2052	Line	462 683.3	5 906 159.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:12:40	2053	Line	462 681.8	5 906 160.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:12:46	2054	Line	462 684.1	5 906 163.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:13:21	2055	Line	462 678.4	5 906 152.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:13:40	2056	Line	462 672.2	5 906 150.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:13:56	2057	Line	462 666.6	5 906 147.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:14:34	2058	200145_EA_180	462 670.2	5 906 153.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:14:58	2059	200145_EA_181	462 658.5	5 906 151.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:15:40	2060	200145_EA_182	462 647.5	5 906 142.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	19:16:55	2061	200145_EA_183	462 646.0	5 906 138.9	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Arenicola</i> sp.)
20/08/2020	19:17:53	2062	200145_EA_184	462 633.8	5 906 133.8	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - blurred
20/08/2020	19:17:53	2062	200145_EA_185	462 633.8	5 906 133.8	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	19:18:49	2063	200145_EA_186	462 625.0	5 906 132.8	Down	Mixed with barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) and ephemeral green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) seaweed
20/08/2020	19:18:49	2063	200145_EA_187	462 625.0	5 906 132.8	Down	Mixed with barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) and ephemeral green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) seaweed
20/08/2020	19:19:52	2064	200145_EA_188	462 612.6	5 906 126.0	Down	Mixed with barnacles (<i>Semibalanus balanoides</i>) and winkles (<i>Littorina littorea</i>)
20/08/2020	19:20:10	2065	200145_EA_189	462 614.0	5 906 124.4	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	19:21:14	2066	200145_EA_190	462 620.0	5 906 121.3	Down	Coarse (sand, pebbles, cobbles)
20/08/2020	19:22:01	2067	200145_EA_191	462 616.2	5 906 109.9	Down	Coarse (sand, pebbles, cobbles)
20/08/2020	19:23:04	2068	200145_EA_192	462 628.6	5 906 112.7	Down	Coarse (sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:24:04	2069	200145_EA_193	462 670.0	5 906 133.1	Down	Coarse (sand, pebbles, cobbles)
20/08/2020	19:25:01	2070	200145_EA_194	462 700.9	5 906 144.8	Down	Coarse (sand, pebbles, cobbles)
20/08/2020	19:28:03	2071	200145_EA_195	462 768.8	5 906 185.2	Down	Coarse (sand, pebbles, cobbles)
20/08/2020	19:30:24	2072	200145_EA_196	462 818.5	5 906 204.6	Down	Coarse (sand, pebbles, cobbles)
20/08/2020	19:32:06	2073	200145_EA_197	462 873.0	5 906 210.1	Down	Shingle (pebbles, cobbles)
20/08/2020	19:33:21	2074	200145_EA_198	462 882.3	5 906 216.8	Down	Shingle
20/08/2020	19:34:15	2075	200145_EA_199	462 894.3	5 906 213.6	Down	Shingle
20/08/2020	16:19:19	3540	Line	462 157.4	5 906 023.0	-	Coarse (sand, shell fragments)
20/08/2020	16:19:19	3540	200145_EA_200	462 157.4	5 906 023.0	S	Up over coarse (sand, shell fragments)
20/08/2020	16:19:19	3540	200145_EA_201	462 157.4	5 906 023.0	Down	Coarse (sand, shell fragments)
20/08/2020	16:20:22	3541	Line	462 167.2	5 906 026.2	-	Coarse (sand, shell fragments)
20/08/2020	16:20:32	3542	Line	462 176.6	5 906 032.4	-	Coarse (sand, shell fragments)
20/08/2020	16:20:43	3543	Line	462 189.2	5 906 038.7	-	Coarse (sand, shell fragments)
20/08/2020	16:20:54	3544	Line	462 202.5	5 906 043.6	-	Coarse (sand, shell fragments)
20/08/2020	16:21:05	3545	Line	462 213.6	5 906 050.3	-	Coarse (sand, shell fragments)
20/08/2020	16:21:15	3546	Line	462 223.6	5 906 053.9	-	Coarse (sand, shell fragments)
20/08/2020	16:21:23	3547	Line	462 229.1	5 906 053.9	-	Coarse (sand, shell fragments)
20/08/2020	16:21:30	3548	Target Note	462 232.0	5 906 056.2	-	Water output/Sand (Coarse has been washed away)
20/08/2020	16:21:30	3548	200145_EA_202	462 232.0	5 906 056.2	S	Up sand and water outflow
20/08/2020	16:21:30	3548	200145_EA_203	462 232.0	5 906 056.2	W	Along over ?coarse (sand, shell fragments)
20/08/2020	16:21:30	3548	200145_EA_204	462 232.0	5 906 056.2	N	Water flow. Sand (shell fragments washed away)
20/08/2020	16:21:30	3548	200145_EA_205	462 232.0	5 906 056.2	E	Along over ?coarse (sand, shell fragments)
20/08/2020	16:22:23	3549	Line	462 236.0	5 906 061.0	-	Coarse (sand, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:22:33	3550	Line	462 244.6	5 906 064.2	-	Coarse (sand, shell fragments)
20/08/2020	16:22:43	3551	Line	462 253.4	5 906 068.0	-	Coarse (sand, shell fragments)
20/08/2020	16:22:51	3552	Line	462 260.9	5 906 074.2	-	Coarse (sand, shell fragments)
20/08/2020	16:23:00	3553	Line	462 269.6	5 906 077.3	-	Coarse (sand, shell fragments)
20/08/2020	16:23:11	3554	Line	462 280.0	5 906 081.7	-	Coarse (sand, shell fragments)
20/08/2020	16:23:23	3555	Line	462 291.9	5 906 086.0	-	Coarse (sand, shell fragments)
20/08/2020	16:23:32	3556	Line	462 297.9	5 906 089.2	-	Coarse (sand, shell fragments)
20/08/2020	16:23:39	3557	Line	462 303.1	5 906 091.6	-	Coarse (sand, shell fragments)
20/08/2020	16:23:50	3558	Line	462 311.9	5 906 097.9	-	Coarse (sand, shell fragments)
20/08/2020	16:24:13	3559	Line	462 319.0	5 906 099.6	-	Coarse (sand, shell fragments)
20/08/2020	16:24:25	3560	Line	462 322.4	5 906 101.1	-	Coarse (sand, shell fragments)
20/08/2020	16:26:06	3561	Line	462 293.1	5 906 101.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:26:06	3561	200145_EA_206	462 293.1	5 906 101.8	N	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:26:06	3561	200145_EA_207	462 293.1	5 906 101.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:26:06	3561	200145_EA_208	462 293.1	5 906 101.8	S	Up over sand
20/08/2020	16:26:06	3561	200145_EA_209	462 293.1	5 906 101.8	E	Along top of mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:27:25	3562	Line	462 288.6	5 906 096.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:27:25	3562	200145_EA_210	462 288.6	5 906 096.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemones (<i>Sagartia</i> sp.), sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:28:21	3563	Line	462 288.5	5 906 101.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:28:28	3564	Line	462 286.1	5 906 102.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:28:35	3565	Line	462 284.5	5 906 101.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:28:35	3565	200145_EA_211	462 284.5	5 906 101.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemones (<i>Sagartia</i> sp.)
20/08/2020	16:28:35	3565	200145_EA_212	462 284.5	5 906 101.8	Down	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:29:51	3566	Line	462 288.3	5 906 102.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:30:01	3567	Line	462 288.4	5 906 110.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:30:09	3568	Line	462 292.1	5 906 111.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:30:19	3569	Line	462 293.9	5 906 114.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:30:32	3570	Line	462 288.7	5 906 117.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:30:39	3571	Line	462 289.8	5 906 119.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:30:47	3572	Line	462 291.1	5 906 122.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:30:56	3573	Line	462 292.3	5 906 126.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:31:03	3574	Line	462 294.6	5 906 129.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:31:13	3575	Line	462 296.5	5 906 128.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:31:13	3575	200145_EA_213	462 296.5	5 906 128.9	SW	Up mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), mussels (<i>Mytilus</i> sp.)
20/08/2020	16:31:13	3575	200145_EA_214	462 296.5	5 906 128.9	Down	Mixed (muddy sand, pebbles, cobbles). Mussels (<i>Mytilus edulis</i>), faunal turf (Hydrozoa/Bryozoa)
20/08/2020	16:32:17	3576	Line	462 299.4	5 906 130.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:32:24	3577	Line	462 301.2	5 906 127.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:32:31	3578	Line	462 303.6	5 906 128.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:32:37	3579	Line	462 304.8	5 906 126.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:32:45	3580	Line	462 309.1	5 906 130.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:32:53	3581	Line	462 309.3	5 906 126.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:33:00	3582	Line	462 308.1	5 906 124.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:33:53	3583	Line	462 304.8	5 906 111.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:34:02	3584	Line	462 303.3	5 906 107.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:34:09	3585	Line	462 303.8	5 906 105.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:34:09	3585	200145_EA_215	462 303.8	5 906 105.3	N	Down mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with mussels (<i>Mytilus</i> sp.) in centre

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:34:09	3585	200145_EA_216	462 303.8	5 906 105.3	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:35:20	3586	Line	462 302.0	5 906 110.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:35:30	3587	Line	462 297.7	5 906 103.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:35:35	3588	Line	462 294.7	5 906 102.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) with dense mussels (<i>Mytilus</i> sp.) in centre
20/08/2020	16:36:21	3589	Field Note	462 300.6	5 906 105.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:36:21	3589	200145_EA_217	462 300.6	5 906 105.1	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	16:37:54	3590	Line	462 326.1	5 906 100.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:38:12	3591	Line	462 332.2	5 906 105.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:38:24	3592	Line	462 343.6	5 906 110.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:38:30	3593	Line	462 348.7	5 906 115.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:38:38	3594	Line	462 353.1	5 906 118.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:38:46	3595	Line	462 360.2	5 906 124.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:38:51	3596	Line	462 362.8	5 906 126.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:39:32	3597	Line	462 357.4	5 906 134.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:39:32	3597	200145_EA_218	462 357.4	5 906 134.8	Down	Down mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:40:40	3598	200145_EA_219	462 357.1	5 906 136.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:40:46	3599	Line	462 356.2	5 906 139.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:40:53	3600	Line	462 356.1	5 906 143.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:40:59	3601	Line	462 355.3	5 906 145.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:41:08	3602	Line	462 357.5	5 906 145.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:41:08	3602	200145_EA_220	462 357.5	5 906 145.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:41:08	3602	200145_EA_221	462 357.5	5 906 145.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	16:42:16	3603	Line	462 356.5	5 906 146.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (? <i>Ulva</i> sp.) - patch (2)
20/08/2020	16:42:24	3604	Line	462 361.8	5 906 146.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (? <i>Ulva</i> sp.) - patch (2)
20/08/2020	16:42:33	3605	Line	462 360.2	5 906 141.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (? <i>Ulva</i> sp.) - patch (2)
20/08/2020	16:42:39	3606	Line	462 359.0	5 906 141.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.)
20/08/2020	16:42:39	3606	200145_EA_222	462 359.0	5 906 141.2	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.), Sand mason worms (<i>Lanice conchilega</i>)
20/08/2020	16:43:33	3607	Line	462 357.8	5 906 138.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (? <i>Ulva</i> sp.) - patch (2)
20/08/2020	16:44:24	3608	Line	462 362.0	5 906 125.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:44:32	3609	Line	462 368.7	5 906 129.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:44:40	3610	Line	462 372.5	5 906 131.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:44:52	3611	Line	462 381.9	5 906 135.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:45:27	3612	Line	462 383.8	5 906 135.7	-	Coarse (sand, pebbles, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:45:37	3613	Line	462 390.6	5 906 141.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:45:48	3614	Line	462 399.9	5 906 143.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:45:58	3615	Line	462 406.8	5 906 150.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:46:08	3616	Line	462 414.8	5 906 153.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:46:19	3617	Line	462 424.5	5 906 159.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:46:32	3618	Line	462 437.5	5 906 164.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:46:51	3619	Line	462 448.3	5 906 169.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:47:05	3620	Line	462 455.4	5 906 175.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:47:18	3621	Line	462 462.8	5 906 180.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:47:59	3622	Line	462 453.5	5 906 191.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:47:59	3622	200145_EA_223	462 453.5	5 906 191.2	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.), Sand mason worms (<i>Lanice conchilega</i>)
20/08/2020	16:47:59	3622	200145_EA_224	462 453.5	5 906 191.2	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.), Sand mason worms (<i>Lanice conchilega</i>)
20/08/2020	16:49:16	3623	Line	462 451.7	5 906 196.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:49:23	3624	Line	462 449.6	5 906 195.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:49:32	3625	Line	462 449.9	5 906 196.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (? <i>Ulva</i> sp.) - 2 m x 3 m - incoming tide
20/08/2020	16:49:32	3625	200145_EA_225	462 449.9	5 906 196.3	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (? <i>Ulva</i> sp.) - 2 m x 3 m - incoming tide
20/08/2020	16:50:19	3626	Line	462 453.6	5 906 192.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:50:26	3627	Line	462 455.5	5 906 192.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:50:35	3628	Line	462 455.7	5 906 191.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	16:51:50	3629	Line	462 469.1	5 906 182.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:52:00	3630	Line	462 476.3	5 906 184.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:52:09	3631	Line	462 482.2	5 906 188.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:53:32	3632	Line	462 487.5	5 906 190.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:53:42	3633	Field Note	462 494.8	5 906 193.6	-	Bottom line of coarse (sand, pebbles, shell fragments - sparse) - interruption
20/08/2020	16:53:54	3634	Line	462 504.0	5 906 200.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:54:04	3635	Line	462 512.0	5 906 204.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:54:14	3636	Line	462 517.7	5 906 209.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:54:55	3637	Line	462 523.8	5 906 212.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:55:07	3638	Line	462 532.1	5 906 216.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:55:18	3639	Line	462 541.6	5 906 221.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:55:29	3640	Line	462 550.4	5 906 225.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:55:36	3641	Line	462 552.7	5 906 228.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:55:45	3642	Line	462 561.0	5 906 230.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:55:58	3643	Line	462 571.6	5 906 236.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:56:10	3644	Line	462 580.8	5 906 241.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:56:21	3645	Line	462 590.5	5 906 246.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:57:32	3646	Line	462 582.0	5 906 260.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:57:32	3646	200145_EA_226	462 582.0	5 906 260.1	N	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:58:27	3647	Line	462 579.0	5 906 259.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.) - patch (2)
20/08/2020	16:58:27	3647	200145_EA_227	462 579.0	5 906 259.9	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.), mussels (<i>Mytilus</i> sp.), winkles (<i>Littorina littorea</i>)
20/08/2020	17:00:04	3648	Line	462 577.5	5 906 261.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - patch (2)
20/08/2020	17:00:14	3649	Line	462 572.6	5 906 263.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.) - patch (2)
20/08/2020	17:00:14	3649	200145_EA_228	462 572.6	5 906 263.6	S	Up over mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.)
20/08/2020	17:00:14	3649	200145_EA_229	462 572.6	5 906 263.6	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.)
20/08/2020	17:00:25	3650	Line	462 576.1	5 906 266.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.) - patch (2)
20/08/2020	17:00:35	3651	Line	462 579.4	5 906 264.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.) - patch (2)
20/08/2020	17:00:35	3651	200145_EA_230	462 579.4	5 906 264.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.)
20/08/2020	17:02:16	3652	Line	462 579.1	5 906 262.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.) - patch (2)
20/08/2020	17:02:23	3653	Line	462 581.5	5 906 262.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.) - patch (2)
20/08/2020	17:02:30	3654	Line	462 583.5	5 906 260.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.) - patch (2)
20/08/2020	17:02:37	3655	Line	462 582.5	5 906 258.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.) - patch (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:02:43	3656	Line	462 580.5	5 906 258.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.) - patch (2)
20/08/2020	17:02:43	3656	200145_EA_231	462 580.5	5 906 258.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.)
20/08/2020	17:04:37	3657	Line	462 592.2	5 906 246.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:05:03	3658	Line	462 598.8	5 906 249.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:05:13	3659	Line	462 606.7	5 906 253.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:05:26	3660	Line	462 617.6	5 906 259.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:05:37	3661	Line	462 626.3	5 906 263.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:05:48	3662	Line	462 633.0	5 906 268.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:05:59	3663	Line	462 637.9	5 906 274.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:06:09	3664	Line	462 643.4	5 906 275.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:06:53	3665	Line	462 648.2	5 906 278.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:07:08	3666	Line	462 658.9	5 906 285.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:07:19	3667	Line	462 666.6	5 906 290.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:07:29	3668	Line	462 673.8	5 906 291.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:07:41	3669	Line	462 681.2	5 906 297.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:07:53	3670	Line	462 690.1	5 906 302.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:08:03	3671	Line	462 695.7	5 906 307.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:08:14	3672	Line	462 702.7	5 906 311.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:08:23	3673	Line	462 708.0	5 906 311.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:08:33	3674	Line	462 713.2	5 906 315.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:08:41	3675	Line	462 718.8	5 906 314.1	-	Coarse (sand, pebbles, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:08:50	3676	Line	462 722.0	5 906 320.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:09:01	3677	Line	462 729.2	5 906 325.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:09:12	3678	Line	462 736.0	5 906 328.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:09:24	3679	Line	462 744.5	5 906 332.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:09:40	3680	Line	462 756.8	5 906 338.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:09:50	3681	Line	462 762.7	5 906 341.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:09:50	3681	200145_EA_232	462 762.7	5 906 341.2	-	Coarse (sand, pebbles, shell fragments). Jellyfish
20/08/2020	17:09:50	3681	200145_EA_233	462 762.7	5 906 341.2	-	Coarse (sand, pebbles, shell fragments). Lion's Mane Jellyfish (<i>Cyanea capitata</i>)
20/08/2020	17:11:24	3682	Line	462 763.8	5 906 341.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:11:35	3683	Line	462 770.8	5 906 345.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:11:44	3684	Line	462 778.1	5 906 348.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:11:57	3685	Line	462 790.7	5 906 354.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:12:11	3686	Line	462 803.8	5 906 361.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:12:21	3687	Line	462 810.7	5 906 365.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:12:45	3688	Line	462 817.5	5 906 367.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:12:56	3689	Line	462 824.5	5 906 373.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:13:10	3690	Line	462 837.4	5 906 379.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:13:25	3691	Line	462 845.8	5 906 384.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:13:37	3692	Line	462 855.2	5 906 388.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:13:49	3693	Line	462 864.9	5 906 394.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:13:59	3694	Line	462 871.1	5 906 398.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:14:07	3695	Line	462 877.3	5 906 401.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:14:21	3696	Line	462 888.2	5 906 407.6	-	Coarse (sand, pebbles, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:14:21	3697	200145_EA_234	462 888.2	5 906 407.6	N	Down sand from coarse (sand, pebbles, shell fragments)
20/08/2020	17:14:21	3697	200145_EA_235	462 888.2	5 906 407.6	E	Coarse (sand, pebbles, shell fragments start to become very sparse to east, difficult to draw the edge)
20/08/2020	17:14:21	3697	200145_EA_236	462 888.2	5 906 407.6	S	Bottom line of coarse (sand, pebbles, shell fragments)
20/08/2020	17:14:21	3697	200145_EA_237	462 888.2	5 906 407.6	W	Bottom line of coarse (sand, pebbles, shell fragments) - clear to west
20/08/2020	17:15:35	3697	Line	462 891.7	5 906 409.7	-	Coarse (sand, pebbles, shell fragments) - very sparse
20/08/2020	17:15:44	3698	Line	462 899.2	5 906 412.2	-	Coarse (sand, pebbles, shell fragments) - very sparse
20/08/2020	17:15:51	3699	Line	462 902.2	5 906 417.7	-	Coarse (sand, pebbles, shell fragments) - very sparse
20/08/2020	17:15:58	3700	Line	462 908.1	5 906 420.9	-	Coarse (sand, pebbles, shell fragments) - very sparse
20/08/2020	17:16:09	3701	Line	462 915.9	5 906 422.3	-	Coarse (sand, pebbles, shell fragments) - very sparse
20/08/2020	17:16:18	3702	Line	462 922.5	5 906 426.5	-	Coarse (sand, pebbles, shell fragments) - very sparse
20/08/2020	17:16:29	3703	Line	462 928.1	5 906 432.4	-	Coarse (sand, pebbles, shell fragments) - very sparse
20/08/2020	17:17:34	3704	Field Note	462 926.8	5 906 426.7	-	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:17:34	3704	200145_EA_238	462 926.8	5 906 426.7	E	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:20:10	3705	Field Note	462 929.6	5 906 433.6	-	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:20:10	3705	200145_EA_239	462 929.6	5 906 433.6	Down	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:20:19	3706	Field Note	462 934.9	5 906 434.2	-	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:21:43	3707	Field Note	462 932.4	5 906 436.2	-	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:21:58	3708	Field Note	462 932.7	5 906 447.1	-	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:22:14	3709	Field Note	462 942.6	5 906 452.7	-	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:22:14	3709	200145_EA_240	462 942.6	5 906 452.7	N	Down over sand
20/08/2020	17:22:14	3709	200145_EA_241	462 942.6	5 906 452.7	E	Along sand
20/08/2020	17:22:14	3709	200145_EA_242	462 942.6	5 906 452.7	S	Up over Sand with worm casts (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:22:14	3709	200145_EA_243	462 942.6	5 906 452.7	W	Along Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:23:30	3710	Field Note	462 945.6	5 906 454.7	-	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:24:14	3711	Line	462 970.1	5 906 440.5	--	Sand, shell fragments
20/08/2020	17:24:14	3711	200145_EA_244	462 970.1	5 906 440.5	E	Sand, shell fragments
20/08/2020	17:25:15	3712	Line	462 977.0	5 906 443.1	-	Sand, shell fragments
20/08/2020	17:25:25	3713	Line	462 987.8	5 906 447.5	-	Sand, shell fragments
20/08/2020	17:25:35	3714	Line	462 994.4	5 906 451.0	-	Sand, shell fragments
20/08/2020	17:25:35	3714	200145_EA_245	462 994.4	5 906 451.0	Down	Coarse (sand, shell fragments - sparse)
20/08/2020	17:26:38	3715	Line	462 999.6	5 906 453.5	-	Sand, shell fragments
20/08/2020	17:26:46	3716	Line	463 006.7	5 906 458.1	-	Sand, shell fragments
20/08/2020	17:26:53	3717	Line	463 011.9	5 906 461.5	-	Sand, shell fragments
20/08/2020	17:27:05	3718	Line	463 022.6	5 906 465.7	-	Sand, shell fragments
20/08/2020	17:27:15	3719	Line	463 030.9	5 906 471.2	-	Sand, shell fragments
20/08/2020	17:27:24	3720	Line	463 037.9	5 906 476.8	-	Sand, shell fragments
20/08/2020	17:27:35	3721	Line	463 046.7	5 906 482.4	-	Sand, shell fragments
20/08/2020	17:27:46	3722	Line	463 057.6	5 906 488.0	-	Sand, shell fragments
20/08/2020	17:27:57	3723	Line	463 064.6	5 906 493.9	-	Sand, shell fragments
20/08/2020	17:28:10	3724	Line	463 077.6	5 906 501.3	-	Sand, shell fragments
20/08/2020	17:28:23	3725	Line	463 088.3	5 906 506.3	-	Sand, shell fragments
20/08/2020	17:28:34	3726	Line	463 097.4	5 906 510.0	-	Sand, shell fragments
20/08/2020	17:28:48	3727	Line	463 108.9	5 906 515.6	-	Sand, shell fragments
20/08/2020	17:29:03	3728	Line	463 114.6	5 906 519.8	-	Sand, shell fragments
20/08/2020	17:29:11	3729	Line	463 121.2	5 906 523.1	-	Sand, shell fragments

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:29:22	3730	Line	463 129.4	5 906 527.8	-	Sand, shell fragments
20/08/2020	17:29:22	3730	Target Note	463 129.4	5 906 527.8	-	Anthropogenic debris (tyre), small boulder. Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	17:29:22	3730	200145_EA_246	463 129.4	5 906 527.8	N	Down over small boulder. Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	17:29:22	3730	200145_EA_247	463 129.4	5 906 527.8	E	Along ?sand, shell fragments
20/08/2020	17:29:22	3730	200145_EA_248	463 129.4	5 906 527.8	S	Up over sand, shell fragments
20/08/2020	17:29:22	3730	200145_EA_249	463 129.4	5 906 527.8	W	Along ?sand, shell fragments
20/08/2020	17:30:32	3731	Target Note	463 128.5	5 906 533.6	-	Small boulder (outcrop). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	17:30:32	3731	200145_EA_250	463 128.5	5 906 533.6	Down	Small boulder (outcrop). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	17:31:39	3732	Target Note	463 125.6	5 906 539.6	-	Anthropogenic debris (tyre). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	17:31:39	3732	200145_EA_251	463 125.6	5 906 539.6	Down	Anthropogenic debris (tyre). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	17:33:11	3733	Line	463 128.3	5 906 523.9	-	Sand, shell fragments
20/08/2020	17:33:33	3734	Line	463 137.2	5 906 531.4	-	Sand, shell fragments
20/08/2020	17:33:46	3735	Line	463 145.6	5 906 539.8	-	Sand, shell fragments
20/08/2020	17:33:59	3736	Line	463 155.7	5 906 545.2	-	Sand, shell fragments
20/08/2020	17:34:18	3737	Line	463 165.3	5 906 551.1	-	Sand, shell fragments
20/08/2020	17:34:36	3738	Line	463 172.9	5 906 556.1	-	Sand, shell fragments
20/08/2020	17:34:49	3739	Line	463 184.1	5 906 564.8	-	Sand, shell fragments
20/08/2020	17:35:27	3740	Field Note	463 179.7	5 906 571.6	-	Sand with worm casts (<i>Arenicola</i> sp.), Lion's Mane Jellyfish (<i>Cyanea capitata</i>)
20/08/2020	17:35:27	3740	200145_EA_252	463 179.7	5 906 571.6	Down	Sand with worm casts (<i>Arenicola</i> sp.), Lion's Mane Jellyfish (<i>Cyanea capitata</i>)
20/08/2020	17:40:33	3741	Line	463 186.2	5 906 567.4	-	Coarse (sand, pebbles, shell fragments)/Sand. Worm cast (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:40:41	3742	Line	463 192.3	5 906 571.8	-	Coarse (sand, pebbles, shell fragments)/Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:40:50	3743	Line	463 199.2	5 906 578.2	-	Coarse (sand, pebbles, shell fragments)/Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:41:03	3744	Line	463 211.9	5 906 582.5	-	Coarse (sand, pebbles, shell fragments)/Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:41:16	3745	Line	463 202.5	5 906 570.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:41:52	3746	Line	463 195.1	5 906 563.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:42:01	3747	Line	463 187.2	5 906 558.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:42:13	3748	Line	463 176.8	5 906 551.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:42:25	3749	Line	463 165.9	5 906 544.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:42:46	3750	Line	463 160.0	5 906 540.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:42:58	3751	Line	463 147.5	5 906 534.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:43:11	3752	Line	463 136.2	5 906 529.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:43:21	3753	Line	463 128.1	5 906 523.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:43:29	3754	Line	463 121.5	5 906 521.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:43:37	3755	Line	463 114.7	5 906 517.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:43:51	3756	Line	463 101.1	5 906 509.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:43:51	3756	200145_EA_253	463 101.1	5 906 509.6	W	Top line of coarse (sand, pebbles, shell fragments)
20/08/2020	17:44:42	3757	Line	463 092.8	5 906 503.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:44:53	3758	Line	463 083.1	5 906 497.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:45:05	3759	Line	463 071.0	5 906 490.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:45:17	3760	Line	463 061.2	5 906 482.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:45:29	3761	Line	463 051.2	5 906 475.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:45:43	3762	Line	463 039.1	5 906 471.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:45:59	3763	Line	463 023.1	5 906 461.4	-	Coarse (sand, pebbles, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:46:10	3764	Line	463 014.1	5 906 455.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:46:21	3765	Line	463 003.5	5 906 453.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:46:39	3766	Line	462 988.9	5 906 443.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:46:56	3767	Line	462 973.0	5 906 437.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:47:31	3768	Field Note	462 967.5	5 906 439.1	-	Top line of Sand. <i>Arenicola</i> sp. (interruption in the coarse stripe)
20/08/2020	17:48:01	3769	Line	462 959.2	5 906 437.2	-	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:48:01	3769	200145_EA_254	462 959.2	5 906 437.2	N	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:48:54	3770	Line	462 946.3	5 906 430.3	-	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:49:07	3771	Line	462 933.4	5 906 424.6	-	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:49:24	3772	Line	462 925.0	5 906 424.8	-	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	17:50:06	3773	Line	462 917.6	5 906 419.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:50:19	3774	Line	462 909.5	5 906 412.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:50:30	3775	Line	462 900.1	5 906 407.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:50:39	3776	Line	462 891.5	5 906 401.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:50:48	3777	Line	462 887.1	5 906 395.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:50:59	3778	Line	462 878.9	5 906 390.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:51:11	3779	Line	462 865.5	5 906 389.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:51:25	3780	Line	462 853.5	5 906 381.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:51:37	3781	Line	462 843.5	5 906 377.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:51:50	3782	Line	462 832.6	5 906 369.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:52:00	3783	Line	462 824.7	5 906 368.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:52:11	3784	Line	462 818.7	5 906 360.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:52:21	3785	Line	462 811.3	5 906 354.4	-	Coarse (sand, pebbles, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	17:52:38	3786	Line	462 801.3	5 906 349.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:52:50	3787	Line	462 790.4	5 906 344.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	17:56:52	3788	200145_EA_255	462 761.5	5 906 473.0	Down	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:56:52	3788	200145_EA_256	462 761.5	5 906 473.0	N	Down over Sand with worm casts (<i>Arenicola</i> sp.) to sea
20/08/2020	17:56:52	3788	200145_EA_257	462 761.5	5 906 473.0	E	Along Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:56:52	3788	200145_EA_258	462 761.5	5 906 473.0	S	Up Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:56:52	3788	200145_EA_259	462 761.5	5 906 473.0	W	Along Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:59:19	3789	200145_EA_260	462 723.5	5 906 461.7	N	Down over sand to sea
20/08/2020	17:59:19	3789	200145_EA_261	462 723.5	5 906 461.7	E	Along Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:59:19	3789	200145_EA_262	462 723.5	5 906 461.7	S	Up Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:59:19	3789	200145_EA_263	462 723.5	5 906 461.7	W	Along Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	17:59:19	3789	200145_EA_264	462 723.5	5 906 461.7	Down	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	18:01:14	3790	200145_EA_265	462 678.1	5 906 442.6	N	Down over sand to sea
20/08/2020	18:01:14	3790	200145_EA_266	462 678.1	5 906 442.6	E	Along Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	18:01:14	3790	200145_EA_267	462 678.1	5 906 442.6	S	Up Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	18:01:14	3790	200145_EA_268	462 678.1	5 906 442.6	W	Along Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	18:02:56	3791	200145_EA_269	462 634.6	5 906 419.9	N	Down over sand to sea
20/08/2020	18:02:56	3791	200145_EA_270	462 634.6	5 906 419.9	E	Along sand
20/08/2020	18:02:56	3791	200145_EA_271	462 634.6	5 906 419.9	S	Up sand
20/08/2020	18:02:56	3791	200145_EA_272	462 634.6	5 906 419.9	W	Along sand
20/08/2020	18:02:56	3791	200145_EA_273	462 634.6	5 906 419.9	Down	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	18:04:53	3792	200145_EA_274	462 593.0	5 906 401.1	N	Down over sand to sea
20/08/2020	18:04:53	3792	200145_EA_275	462 593.0	5 906 401.1	E	Along sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:04:53	3792	200145_EA_276	462 593.0	5 906 401.1	S	Up sand
20/08/2020	18:04:53	3792	200145_EA_277	462 593.0	5 906 401.1	W	Along Sand with worm casts (<i>Arenicola</i> sp.), herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:06:09	3793	200145_EA_278	462 553.6	5 906 378.6	N	Down over sand to sea
20/08/2020	18:06:09	3793	200145_EA_279	462 553.6	5 906 378.6	E	Along sand
20/08/2020	18:06:09	3793	200145_EA_280	462 553.6	5 906 378.6	S	Up Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	18:06:09	3793	200145_EA_281	462 553.6	5 906 378.6	W	Along Sand with worm casts (<i>Arenicola</i> sp.), herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:07:30	3794	200145_EA_282	462 524.6	5 906 366.0	N	Down over sand to sea
20/08/2020	18:07:30	3794	200145_EA_283	462 524.6	5 906 366.0	E	Along sand. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:07:30	3794	200145_EA_284	462 524.6	5 906 366.0	S	Up sand
20/08/2020	18:07:30	3794	200145_EA_285	462 524.6	5 906 366.0	W	Along sand. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:09:03	3795	200145_EA_286	462 486.2	5 906 347.6	N	Down over sand to sea
20/08/2020	18:09:03	3795	200145_EA_287	462 486.2	5 906 347.6	E	Along sand. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:09:03	3795	200145_EA_288	462 486.2	5 906 347.6	S	Up sand
20/08/2020	18:09:03	3795	200145_EA_289	462 486.2	5 906 347.6	W	Along sand. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:10:35	3796	200145_EA_290	462 443.4	5 906 324.1	N	Down over sand to sea
20/08/2020	18:10:35	3796	200145_EA_291	462 443.4	5 906 324.1	E	Along sand
20/08/2020	18:10:35	3796	200145_EA_292	462 443.4	5 906 324.1	S	Up sand
20/08/2020	18:10:35	3796	200145_EA_293	462 443.4	5 906 324.1	W	Along sand. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:12:11	3797	200145_EA_294	462 395.3	5 906 301.7	N	Down over sand to sea
20/08/2020	18:12:11	3797	200145_EA_295	462 395.3	5 906 301.7	E	Along sand
20/08/2020	18:12:11	3797	200145_EA_296	462 395.3	5 906 301.7	S	Up sand
20/08/2020	18:12:11	3797	200145_EA_297	462 395.3	5 906 301.7	W	Along sand. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:13:15	3798	200145_EA_298	462 367.7	5 906 285.8	N	Down over sand to sea

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:13:15	3798	200145_EA_299	462 367.7	5 906 285.8	E	Along sand
20/08/2020	18:13:15	3798	200145_EA_300	462 367.7	5 906 285.8	S	Up sand
20/08/2020	18:13:15	3798	200145_EA_301	462 367.7	5 906 285.8	W	Along sand
20/08/2020	18:14:34	3799	200145_EA_302	462 327.4	5 906 268.5	N	Down over sand to sea
20/08/2020	18:14:34	3799	200145_EA_303	462 327.4	5 906 268.5	E	Along sand
20/08/2020	18:14:34	3799	200145_EA_304	462 327.4	5 906 268.5	S	Up sand
20/08/2020	18:14:34	3799	200145_EA_305	462 327.4	5 906 268.5	W	Along sand
20/08/2020	18:15:50	3800	200145_EA_306	462 282.8	5 906 248.4	N	Down over sand to sea
20/08/2020	18:15:50	3800	200145_EA_307	462 282.8	5 906 248.4	E	Along sand
20/08/2020	18:15:50	3800	200145_EA_308	462 282.8	5 906 248.4	S	Up sand
20/08/2020	18:15:50	3800	200145_EA_309	462 282.8	5 906 248.4	W	Along sand
20/08/2020	18:16:56	3801	Field Note	462 256.6	5 906 238.8	-	Coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:16:56	3801	200145_EA_310	462 256.6	5 906 238.8	Down	Coarse (sand, shell fragments)
20/08/2020	18:16:56	3801	200145_EA_311	462 256.6	5 906 238.8	E	Coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:18:09	3802	Field Note	462 238.0	5 906 229.5	-	Coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:18:57	3803	Field Note	462 217.7	5 906 219.2	-	Coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:19:23	3804	200145_EA_312	462 188.9	5 906 204.7	N	Down to sea
20/08/2020	18:19:23	3804	200145_EA_313	462 188.9	5 906 204.7	E	Along coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:19:23	3804	200145_EA_314	462 188.9	5 906 204.7	S	Up sand to sea defence
20/08/2020	18:19:23	3804	200145_EA_315	462 188.9	5 906 204.7	W	Along coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:20:38	3805	Field Note	462 161.5	5 906 195.4	-	Lower shore: Sand with coarse/shell fragments
20/08/2020	18:21:07	3806	200145_EA_316	462 138.8	5 906 187.4	N	Down to sea
20/08/2020	18:21:07	3806	200145_EA_317	462 138.8	5 906 187.4	E	Along coarse (sand, shell fragments) - Strip ~2 m wide

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:21:07	3806	200145_EA_318	462 138.8	5 906 187.4	S	Up sand to sea defence
20/08/2020	18:21:07	3806	200145_EA_319	462 138.8	5 906 187.4	W	Along coarse (sand, shell fragments) - Strip ~2 m wide. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:22:34	3807	200145_EA_320	462 107.6	5 906 171.6	N	Down to sea
20/08/2020	18:22:34	3807	200145_EA_321	462 107.6	5 906 171.6	E	Along coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:22:34	3807	200145_EA_322	462 107.6	5 906 171.6	S	Up sand to sea defence
20/08/2020	18:22:34	3807	200145_EA_323	462 107.6	5 906 171.6	W	Along coarse (sand, shell fragments) - Strip ~2 m wide. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:22:34	3808	200145_EA_324	462 107.6	5 906 171.6	N	Down to sea
20/08/2020	18:22:34	3808	200145_EA_325	462 107.6	5 906 171.6	E	Along coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:22:34	3808	200145_EA_326	462 107.6	5 906 171.6	S	Up sand to sea defence
20/08/2020	18:22:34	3808	200145_EA_327	462 107.6	5 906 171.6	W	Along coarse (sand, shell fragments) - Strip ~2 m wide. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:23:45	3808	200145_EA_328	462 075.3	5 906 159.6	Down	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	18:25:24	3809	200145_EA_329	462 042.8	5 906 141.2	N	Down coarse (sand, shell fragments) to sea
20/08/2020	18:25:24	3809	200145_EA_330	462 042.8	5 906 141.2	E	Along coarse (sand, shell fragments) - Strip ~2 m wide
20/08/2020	18:25:24	3809	200145_EA_331	462 042.8	5 906 141.2	S	Up sand to sea defence
20/08/2020	18:25:24	3809	200145_EA_332	462 042.8	5 906 141.2	W	Along coarse (sand, shell fragments) - Strip ~2 m wide. Herring gulls (<i>Larus argentatus</i>)
20/08/2020	18:44:54	3843	Line	462 149.0	5 906 015.9	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:45:03	3844	Line	462 158.3	5 906 017.2	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:45:13	3845	200145_EA_333	462 163.9	5 906 021.5	S	Up sand and water outflow
20/08/2020	18:45:52	3846	Line	462 166.4	5 906 023.5	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:46:03	3847	Line	462 177.6	5 906 029.8	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:46:14	3848	Line	462 190.5	5 906 035.4	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:46:24	3849	Line	462 200.8	5 906 041.0	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:46:38	3850	Line	462 217.9	5 906 048.0	-	Coarse (sand, pebbles) - very sparse

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:46:51	3851	Line	462 228.6	5 906 057.1	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:47:12	3852	Line	462 230.2	5 906 059.3	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:47:53	3853	Line	462 235.5	5 906 062.0	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:48:04	3854	Line	462 246.1	5 906 062.4	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:48:13	3855	Line	462 256.9	5 906 064.7	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:48:24	3856	Line	462 267.7	5 906 071.2	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:48:34	3857	Line	462 277.6	5 906 076.9	-	Coarse (sand, pebbles) - very sparse
20/08/2020	18:48:44	3858	200145_EA_334	462 288.3	5 906 080.7	S	Up sand and water outflow
20/08/2020	18:48:56	3859	Line	462 300.3	5 906 086.2	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:49:07	3860	Line	462 311.5	5 906 093.8	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:49:20	3861	Line	462 324.8	5 906 100.5	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:49:33	3862	Line	462 336.5	5 906 108.0	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:49:41	3863	Line	462 344.0	5 906 110.5	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:49:50	3864	Line	462 350.5	5 906 111.2	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:49:59	3865	Line	462 359.4	5 906 115.2	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:50:08	3866	Line	462 367.6	5 906 121.8	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:50:14	3867	Line	462 370.2	5 906 126.4	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:50:22	3868	Line	462 378.4	5 906 124.1	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:50:32	3869	Line	462 389.4	5 906 129.9	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:50:39	3870	Line	462 391.2	5 906 135.1	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:50:47	3871	Line	462 398.6	5 906 135.5	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:50:53	3872	Line	462 403.3	5 906 137.2	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:50:59	3873	Line	462 403.6	5 906 142.9	-	Coarse (sand, pebbles) - sparse

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:51:08	3874	Line	462 413.5	5 906 146.5	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:51:30	3875	Line	462 421.5	5 906 150.3	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:51:41	3876	Line	462 431.1	5 906 155.8	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:51:50	3877	Line	462 440.8	5 906 159.3	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:52:01	3878	Line	462 452.5	5 906 163.9	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:52:12	3879	Line	462 463.2	5 906 169.7	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:52:21	3880	Line	462 471.4	5 906 174.9	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:52:32	3881	Line	462 481.5	5 906 181.7	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:52:41	3882	Line	462 489.9	5 906 184.6	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:52:50	3883	Line	462 498.5	5 906 190.5	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:53:01	3884	Line	462 508.6	5 906 197.3	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:53:12	3885	Line	462 518.0	5 906 201.4	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:53:23	3886	Line	462 529.5	5 906 207.1	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:53:33	3887	Line	462 539.9	5 906 209.8	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:53:44	3888	Line	462 550.0	5 906 216.7	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:53:54	3889	Line	462 558.8	5 906 222.1	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:54:04	3890	Line	462 567.8	5 906 225.8	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:54:16	3891	Line	462 575.7	5 906 230.1	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:54:29	3892	Line	462 589.5	5 906 236.8	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:54:40	3893	Line	462 598.8	5 906 243.7	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:54:52	3894	Line	462 610.8	5 906 248.9	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:55:02	3895	Line	462 619.6	5 906 253.1	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:55:16	3896	Line	462 632.8	5 906 258.9	-	Coarse (sand, pebbles) - sparse

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:55:27	3897	Line	462 643.1	5 906 264.9	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:55:40	3898	Line	462 653.5	5 906 272.3	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:55:56	3899	Line	462 670.2	5 906 281.0	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:56:08	3900	Line	462 680.9	5 906 286.3	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:56:22	3901	Line	462 688.6	5 906 291.2	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:56:39	3902	Line	462 698.0	5 906 295.7	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:56:53	3903	Line	462 706.8	5 906 304.1	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:57:03	3904	Line	462 715.8	5 906 307.6	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:57:18	3905	Line	462 730.2	5 906 316.1	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:57:28	3906	Line	462 739.1	5 906 319.4	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:57:38	3907	Line	462 749.4	5 906 324.7	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:57:49	3908	Line	462 758.9	5 906 329.0	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:58:01	3909	Line	462 771.0	5 906 334.9	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:58:11	3910	Line	462 778.8	5 906 338.4	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:58:25	3911	Line	462 792.2	5 906 345.6	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:58:38	3912	Line	462 805.1	5 906 348.4	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:58:50	3913	Line	462 816.5	5 906 354.5	-	Coarse (sand, pebbles) - sparse
20/08/2020	19:05:33	3914	Line	462 679.9	5 906 121.3	-	Barren littoral shingle
20/08/2020	19:07:03	3915	Line	462 688.7	5 906 125.0	-	Barren littoral shingle
20/08/2020	19:07:14	3916	Line	462 691.2	5 906 128.7	-	Barren littoral shingle
20/08/2020	19:07:25	3917	Line	462 696.2	5 906 129.5	-	Barren littoral shingle
20/08/2020	19:07:38	3918	Line	462 703.3	5 906 130.7	-	Barren littoral shingle
20/08/2020	19:07:50	3919	Line	462 706.0	5 906 137.2	-	Barren littoral shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:07:58	3920	Line	462 710.4	5 906 136.8	-	Barren littoral shingle
20/08/2020	19:08:29	3921	Line	462 716.1	5 906 139.3	-	Barren littoral shingle
20/08/2020	19:08:40	3922	Line	462 721.6	5 906 141.6	-	Barren littoral shingle
20/08/2020	19:08:49	3923	Line	462 725.7	5 906 143.8	-	Barren littoral shingle
20/08/2020	19:08:58	3924	Line	462 729.6	5 906 144.1	-	Barren littoral shingle
20/08/2020	19:09:07	3925	Line	462 734.2	5 906 146.1	-	Barren littoral shingle
20/08/2020	19:09:15	3926	Line	462 735.9	5 906 150.5	-	Barren littoral shingle
20/08/2020	19:09:50	3927	Line	462 741.0	5 906 147.7	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:09:50	3927	200145_EA_335	462 741.0	5 906 147.7	E	Along shingle and rock dump sea defence
20/08/2020	19:09:50	3927	200145_EA_336	462 741.0	5 906 147.7	S	Up shingle to rock dump sea defence
20/08/2020	19:10:49	3928	Line	462 746.3	5 906 153.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:10:49	3928	200145_EA_337	462 746.3	5 906 153.1	S	Up shingle to rock dump sea defence
20/08/2020	19:10:49	3928	200145_EA_338	462 746.3	5 906 153.1	W	Along shingle and rock dump sea defence
20/08/2020	19:10:49	3928	200145_EA_339	462 746.3	5 906 153.1	E	Along shingle and rock dump sea defence
20/08/2020	19:10:59	3929	Line	462 749.5	5 906 150.3	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:11:05	3930	Line	462 749.2	5 906 153.2	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:11:14	3931	Line	462 753.5	5 906 152.4	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:11:26	3932	Line	462 754.8	5 906 163.3	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:11:37	3933	Line	462 762.7	5 906 158.4	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:11:44	3934	Line	462 764.4	5 906 162.3	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:11:52	3935	Line	462 769.4	5 906 162.6	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:12:04	3936	Line	462 773.2	5 906 170.9	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:12:12	3937	Line	462 778.0	5 906 168.4	-	Barren littoral shingle (On the top of boulder sea defence)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:12:22	3938	Line	462 784.5	5 906 171.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:12:30	3939	Line	462 786.8	5 906 174.6	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:12:39	3940	Line	462 791.9	5 906 176.2	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:12:49	3941	Line	462 798.5	5 906 176.8	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:13:04	3942	Line	462 800.9	5 906 180.0	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:13:12	3943	Line	462 804.7	5 906 180.2	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:13:20	3944	Line	462 808.9	5 906 182.7	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:13:28	3945	Line	462 811.8	5 906 187.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:13:39	3946	Line	462 816.8	5 906 187.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:13:53	3947	Line	462 821.2	5 906 192.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:14:04	3948	Line	462 828.5	5 906 194.2	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:14:10	3949	Line	462 830.0	5 906 196.4	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:14:19	3950	Line	462 834.2	5 906 196.9	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:14:27	3951	Line	462 836.5	5 906 201.3	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:14:37	3952	Line	462 839.7	5 906 199.3	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:14:51	3953	Line	462 847.5	5 906 206.9	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:15:07	3954	Line	462 855.4	5 906 208.8	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:15:20	3955	Line	462 861.1	5 906 211.7	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:15:32	3956	Line	462 865.8	5 906 216.6	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:15:46	3957	Line	462 873.1	5 906 217.4	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:16:01	3958	Line	462 880.9	5 906 222.5	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:16:16	3959	Line	462 886.3	5 906 226.3	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:16:27	3960	Line	462 891.4	5 906 227.3	-	Barren littoral shingle (On the top of boulder sea defence)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:16:36	3961	Line	462 894.8	5 906 232.3	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:16:42	3962	Line	462 896.6	5 906 233.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:16:48	3963	Line	462 899.7	5 906 231.9	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:16:59	3964	Line	462 905.7	5 906 233.6	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:17:07	3965	Line	462 908.3	5 906 237.7	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:17:18	3966	Line	462 913.2	5 906 237.7	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:17:27	3967	Line	462 917.9	5 906 241.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:17:37	3968	Line	462 918.8	5 906 247.0	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:17:49	3969	Line	462 925.6	5 906 245.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:17:56	3970	Line	462 926.3	5 906 247.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:18:15	3971	Line	462 932.0	5 906 251.1	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:18:29	3972	Line	462 935.5	5 906 250.7	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:18:42	3973	Line	462 943.7	5 906 256.2	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:19:00	3974	Line	462 952.7	5 906 260.3	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:19:13	3975	Line	462 957.6	5 906 264.9	-	Barren littoral shingle (On the top of boulder sea defence)
20/08/2020	19:19:24	3976	Line	462 962.6	5 906 264.2	-	Barren littoral shingle
20/08/2020	19:19:34	3977	Line	462 967.8	5 906 267.0	-	Barren littoral shingle
20/08/2020	19:19:52	3978	Line	462 975.8	5 906 275.2	-	Barren littoral shingle
20/08/2020	19:20:23	3979	Line	462 988.2	5 906 278.3	-	Barren littoral shingle
20/08/2020	19:20:31	3980	Line	462 990.1	5 906 279.8	-	Barren littoral shingle
20/08/2020	19:20:47	3981	Line	462 996.0	5 906 285.3	-	Barren littoral shingle
20/08/2020	19:20:47	3981	200145_EA_340	462 996.0	5 906 285.3	N	Down over coarse (sand, pebbles, cobbles)
20/08/2020	19:20:47	3981	200145_EA_341	462 996.0	5 906 285.3	E	Along shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:20:47	3981	200145_EA_342	462 996.0	5 906 285.3	S	Up shingle
20/08/2020	19:20:47	3981	200145_EA_343	462 996.0	5 906 285.3	W	Along shingle
20/08/2020	19:22:13	3982	Line	463 001.4	5 906 286.3	-	Barren littoral shingle
20/08/2020	19:22:25	3983	Line	463 008.5	5 906 291.0	-	Barren littoral shingle
20/08/2020	19:22:33	3984	Line	463 013.4	5 906 294.1	-	Barren littoral shingle
20/08/2020	19:22:47	3985	Line	463 018.7	5 906 300.3	-	Barren littoral shingle
20/08/2020	19:23:02	3986	Line	463 026.5	5 906 302.8	-	Barren littoral shingle
20/08/2020	19:23:11	3987	Line	463 029.5	5 906 305.6	-	Barren littoral shingle
20/08/2020	19:23:27	3988	Line	463 036.2	5 906 311.6	-	Barren littoral shingle
20/08/2020	19:23:41	3989	Line	463 042.4	5 906 312.9	-	Barren littoral shingle
20/08/2020	19:23:53	3990	Line	463 043.8	5 906 317.1	-	Barren littoral shingle
20/08/2020	19:24:08	3991	Line	463 051.5	5 906 320.6	-	Barren littoral shingle
20/08/2020	19:24:18	3992	Line	463 055.4	5 906 323.3	-	Barren littoral shingle
20/08/2020	19:24:27	3993	Line	463 061.1	5 906 327.1	-	Barren littoral shingle
20/08/2020	19:24:38	3994	Line	463 066.8	5 906 330.0	-	Barren littoral shingle
20/08/2020	19:24:53	3995	Line	463 074.1	5 906 334.0	-	Barren littoral shingle
20/08/2020	19:25:05	3996	Line	463 081.7	5 906 338.0	-	Barren littoral shingle
20/08/2020	19:25:14	3997	Line	463 085.9	5 906 341.1	-	Barren littoral shingle
20/08/2020	19:25:24	3998	Line	463 090.5	5 906 344.4	-	Barren littoral shingle
20/08/2020	19:25:34	3999	Line	463 096.4	5 906 347.6	-	Barren littoral shingle
20/08/2020	19:25:47	4000	Line	463 103.7	5 906 352.1	-	Barren littoral shingle
20/08/2020	19:26:04	4001	Line	463 110.4	5 906 356.3	-	Barren littoral shingle
20/08/2020	19:26:16	4002	Line	463 115.8	5 906 360.5	-	Barren littoral shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:26:27	4003	Line	463 120.5	5 906 361.7	-	Barren littoral shingle
20/08/2020	19:26:33	4004	Line	463 122.1	5 906 363.9	-	Barren littoral shingle
20/08/2020	19:26:46	4005	Line	463 130.7	5 906 367.6	-	Barren littoral shingle
20/08/2020	19:26:57	4006	Line	463 135.5	5 906 371.8	-	Barren littoral shingle
20/08/2020	19:27:11	4007	Line	463 145.0	5 906 377.4	-	Barren littoral shingle
20/08/2020	19:27:11	4007	200145_EA_344	463 145.0	5 906 377.4	N	Down over coarse (sand, pebbles, cobbles)
20/08/2020	19:27:11	4007	200145_EA_345	463 145.0	5 906 377.4	E	Along shingle
20/08/2020	19:27:11	4007	200145_EA_346	463 145.0	5 906 377.4	S	Up shingle
20/08/2020	19:27:11	4007	200145_EA_347	463 145.0	5 906 377.4	W	Along shingle
20/08/2020	19:28:14	4008	Line	463 146.4	5 906 378.7	-	Barren littoral shingle
20/08/2020	19:28:24	4009	Line	463 154.5	5 906 384.0	-	Barren littoral shingle
20/08/2020	19:28:37	4010	Line	463 161.4	5 906 387.6	-	Barren littoral shingle
20/08/2020	19:28:53	4011	Line	463 170.7	5 906 394.5	-	Barren littoral shingle
20/08/2020	19:29:07	4012	Line	463 178.7	5 906 398.6	-	Barren littoral shingle
20/08/2020	19:29:20	4013	Line	463 185.6	5 906 403.3	-	Barren littoral shingle
20/08/2020	19:29:30	4014	Line	463 190.9	5 906 407.8	-	Barren littoral shingle
20/08/2020	19:29:38	4015	Line	463 194.7	5 906 410.4	-	Barren littoral shingle
20/08/2020	19:29:44	4016	Line	463 196.8	5 906 413.4	-	Barren littoral shingle
20/08/2020	19:29:52	4017	Line	463 197.1	5 906 416.0	-	Barren littoral shingle/Rock dump
20/08/2020	19:29:52	4017	200145_EA_348	463 197.1	5 906 416.0	W	Along shingle
20/08/2020	19:29:52	4017	200145_EA_349	463 197.1	5 906 416.0	N	Down over coarse (sand, pebbles, cobbles) - also rock dump sea defence projecting below this
20/08/2020	19:29:52	4017	200145_EA_350	463 197.1	5 906 416.0	E	Along over rock dump sea defence

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	19:29:52	4017	200145_EA_351	463 197.1	5 906 416.0	S	Up over rock dump sea defence

B.1.2 WPM4 – ECR East B

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	05:31:17	2076	Field Note	470 406.5	5 909 498.9	-	Checking GPS accuracy
21/08/2020	05:31:45	2077	Field Note	470 385.7	5 909 493.8	-	Checking GPS accuracy
21/08/2020	05:35:53	2078	200145_EB_001	470 328.0	5 909 624.7	NW	Down over sand
21/08/2020	05:35:53	2078	200145_EB_002	470 328.0	5 909 624.7	NE	Along seawall and concrete sea defence to east
21/08/2020	05:35:53	2078	200145_EB_003	470 328.0	5 909 624.7	SE	Up across field and walkway
21/08/2020	05:35:53	2078	200145_EB_004	470 328.0	5 909 624.7	SW	Along seawall to west
21/08/2020	05:35:53	2078	Target Note	470 328.0	5 909 624.7	-	Access: Top of stairs
21/08/2020	05:44:37	2079	200145_EB_005	470 280.6	5 909 692.9	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:44:37	2079	200145_EB_006	470 280.6	5 909 692.9	NW	Down over sand (channel)
21/08/2020	05:44:37	2079	200145_EB_007	470 280.6	5 909 692.9	NE	Along sand, towards groyne
21/08/2020	05:44:37	2079	200145_EB_008	470 280.6	5 909 692.9	SE	Up towards seawall
21/08/2020	05:44:37	2079	200145_EB_009	470 280.6	5 909 692.9	SW	Along (muddy sand, pebbles, cobbles), over pool, towards groynes
21/08/2020	05:44:44	2080	Line	470 279.9	5 909 690.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:44:55	2081	Line	470 286.1	5 909 697.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:45:06	2082	Line	470 277.9	5 909 695.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:45:14	2083	Line	470 273.2	5 909 695.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:45:23	2084	Line	470 264.6	5 909 691.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:45:31	2085	Line	470 255.9	5 909 687.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:45:45	2086	Line	470 260.9	5 909 684.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:45:45	2086	Line	470 260.9	5 909 684.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch
21/08/2020	05:46:41	2087	Line	470 256.9	5 909 681.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	05:46:46	2088	Line	470 258.7	5 909 677.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch
21/08/2020	05:46:53	2089	Line	470 263.0	5 909 680.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch
21/08/2020	05:46:58	2090	Line	470 261.0	5 909 683.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch
21/08/2020	05:47:29	2091	Line	470 253.9	5 909 686.5	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:47:53	2092	Line	470 254.9	5 909 685.3	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:47:58	2093	Line	470 251.1	5 909 685.0	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:48:04	2094	Line	470 251.5	5 909 680.2	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:48:10	2095	Line	470 247.7	5 909 681.9	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:48:24	2096	Line	470 235.0	5 909 669.1	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:48:29	2097	Line	470 234.6	5 909 667.8	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:48:40	2098	Line	470 228.5	5 909 666.5	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:48:48	2099	Line	470 225.0	5 909 664.9	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:48:57	2100	Line	470 220.2	5 909 664.4	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:48:57	2100	Line	470 220.2	5 909 664.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:49:28	2101	Line	470 217.3	5 909 663.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:49:36	2102	Line	470 214.8	5 909 662.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	05:49:46	2103	Line	470 211.3	5 909 660.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:49:56	2104	Line	470 208.4	5 909 656.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:50:09	2105	Line	470 212.5	5 909 656.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:50:16	2106	Line	470 215.4	5 909 658.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:50:22	2107	Line	470 219.6	5 909 657.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:50:27	2108	Line	470 222.4	5 909 660.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:50:33	2109	Line	470 225.4	5 909 659.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:50:38	2110	Line	470 226.6	5 909 661.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (2)
21/08/2020	05:50:38	2110	200145_EB_010	470 226.6	5 909 661.9	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - standing water
21/08/2020	05:50:38	2110	200145_EB_011	470 226.6	5 909 661.9	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (Sessilia) - standing water
21/08/2020	05:50:45	2111	Line	470 221.8	5 909 663.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:52:11	2112	Line	470 205.4	5 909 650.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:52:18	2113	Line	470 203.4	5 909 648.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:52:28	2114	Line	470 206.8	5 909 646.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:52:28	2114	200145_EB_012	470 206.8	5 909 646.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:52:28	2114	200145_EB_013	470 206.8	5 909 646.5	NE	Along sand, towards groyne with survey personnel
21/08/2020	05:52:28	2114	200145_EB_014	470 206.8	5 909 646.5	NE	Along sand, towards groyne with survey personnel
21/08/2020	05:53:24	2115	Line	470 210.7	5 909 640.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	05:53:36	2116	Line	470 216.4	5 909 653.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:53:42	2117	Line	470 220.2	5 909 653.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:53:47	2118	Line	470 223.3	5 909 652.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:53:55	2119	Line	470 227.0	5 909 656.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:54:02	2120	Line	470 232.9	5 909 655.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:54:08	2121	Line	470 235.1	5 909 655.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:54:17	2122	Line	470 240.2	5 909 667.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:54:28	2123	Line	470 247.9	5 909 663.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:54:39	2124	Line	470 254.6	5 909 669.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:54:46	2125	Line	470 256.7	5 909 678.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:54:50	2126	Line	470 258.7	5 909 675.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:54:56	2127	Line	470 260.7	5 909 679.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:55:03	2128	Line	470 270.1	5 909 677.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:55:08	2129	Line	470 271.2	5 909 679.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	05:55:14	2130	Line	470 270.6	5 909 684.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:55:21	2131	Line	470 277.9	5 909 688.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:55:52	2132	Line	470 267.2	5 909 682.6	-	Barnacles (<i>Semibalanus balanoides</i>) edge
21/08/2020	05:56:52	2133	Line	470 262.1	5 909 687.5	-	Barnacles (<i>Semibalanus balanoides</i>) edge - to west
21/08/2020	05:57:21	2134	Line	470 263.0	5 909 680.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (??)
21/08/2020	05:57:26	2135	Line	470 260.3	5 909 682.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (??)
21/08/2020	05:57:32	2136	Line	470 257.1	5 909 682.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (??)
21/08/2020	05:57:36	2137	Line	470 257.4	5 909 679.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (??)
21/08/2020	05:57:42	2138	Line	470 261.4	5 909 679.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - patch (??)
21/08/2020	05:57:42	2138	200145_EB_015	470 261.4	5 909 679.5	Down	?Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:58:41	2139	200145_EB_016	470 248.5	5 909 672.9	Down	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:58:41	2139	200145_EB_017	470 248.5	5 909 672.9	Down	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:58:41	2139	200145_EB_018	470 248.5	5 909 672.9	Down	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:58:41	2139	200145_EB_019	470 248.5	5 909 672.9	Down	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	05:58:41	2139	Field Note	470 248.5	5 909 672.9	-	?Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:01:03	2140	200145_EB_020	470 251.7	5 909 713.5	Down	Sand
21/08/2020	06:02:36	2141	200145_EB_021	470 270.0	5 909 792.1	Down	Sand
21/08/2020	06:02:36	2141	200145_EB_022	470 270.0	5 909 792.1	NW	Down over sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:02:36	2141	200145_EB_023	470 270.0	5 909 792.1	NE	Along sand
21/08/2020	06:02:36	2141	200145_EB_024	470 270.0	5 909 792.1	SE	Up over sand to seawall
21/08/2020	06:02:36	2141	200145_EB_025	470 270.0	5 909 792.1	SW	Along sand
21/08/2020	06:03:57	2142	200145_EB_026	470 269.7	5 909 824.1	Down	Emergent wooden posts. Barnacles (Sessilia) and Ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	06:03:57	2142	200145_EB_027	470 269.7	5 909 824.1	Down	Emergent wooden posts. Barnacles (Sessilia) and Ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	06:03:57	2142	200145_EB_028	470 269.7	5 909 824.1	Down	Emergent wooden posts. Barnacles (Sessilia) and Ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	06:03:57	2142	200145_EB_029	470 269.7	5 909 824.1	Down	Sand
21/08/2020	06:03:57	2142	200145_EB_030	470 269.7	5 909 824.1	Down	Sand
21/08/2020	06:03:57	2142	Target Note	470 269.7	5 909 824.1	-	Emergent wooden posts. Barnacles (Sessilia) and Ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	06:05:46	2143	200145_EB_031	470 305.0	5 909 867.6	Down	Sand
21/08/2020	06:07:45	2144	200145_EB_032	470 314.8	5 909 870.5	NW	Down over muddy sand
21/08/2020	06:07:45	2144	200145_EB_033	470 314.8	5 909 870.5	NE	Across muddy sand to sand
21/08/2020	06:07:45	2144	200145_EB_034	470 314.8	5 909 870.5	SE	Up over sand towards seawall
21/08/2020	06:07:45	2144	200145_EB_035	470 314.8	5 909 870.5	SW	Across sand
21/08/2020	06:07:45	2144	200145_EB_036	470 314.8	5 909 870.5	Down	Muddy sand (Mud on sand)
21/08/2020	06:07:45	2144	Field Note	470 314.8	5 909 870.5	-	Bottom of water flow
21/08/2020	06:07:50	2145	Line	470 314.8	5 909 868.4	-	Mud on sand
21/08/2020	06:07:57	2146	Line	470 317.7	5 909 869.9	-	Mud on sand
21/08/2020	06:08:03	2147	Line	470 318.3	5 909 872.7	-	Mud on sand
21/08/2020	06:08:09	2148	Line	470 316.9	5 909 876.9	-	Mud on sand
21/08/2020	06:08:19	2149	Line	470 313.6	5 909 884.6	-	Mud on sand
21/08/2020	06:08:32	2150	Line	470 315.1	5 909 885.0	-	Mud on sand
21/08/2020	06:08:40	2151	Line	470 323.2	5 909 883.7	-	Mud on sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:08:45	2152	Line	470 322.5	5 909 887.8	-	Mud on sand
21/08/2020	06:08:50	2153	Line	470 319.7	5 909 889.9	-	Mud on sand
21/08/2020	06:08:50	2153	200145_EB_037	470 319.7	5 909 889.9	Down	Mud on sand. Diatoms
21/08/2020	06:08:50	2153	200145_EB_038	470 319.7	5 909 889.9	Down	Mud on sand. Diatoms
21/08/2020	06:08:50	2153	200145_EB_039	470 319.7	5 909 889.9	Down	Mud on sand. Diatoms
21/08/2020	06:09:56	2154	Line	470 321.4	5 909 893.3	-	Mud on sand
21/08/2020	06:10:07	2155	Line	470 320.9	5 909 896.8	-	Mud on sand
21/08/2020	06:10:22	2156	Line	470 311.1	5 909 894.2	-	Mud on sand
21/08/2020	06:10:32	2157	Line	470 310.9	5 909 887.3	-	Mud on sand
21/08/2020	06:10:39	2158	Line	470 307.6	5 909 883.8	-	Mud on sand
21/08/2020	06:10:46	2159	Line	470 305.7	5 909 879.5	-	Mud on sand
21/08/2020	06:10:56	2160	Line	470 302.0	5 909 878.0	-	Mud on sand
21/08/2020	06:11:02	2161	Line	470 305.9	5 909 874.2	-	Mud on sand
21/08/2020	06:13:16	2162	200145_EB_040	470 334.8	5 909 923.6	Down	Sand. Small anoxic worm casts (<i>Arenicola</i> sp.)
21/08/2020	06:14:32	2163	200145_EB_041	470 342.7	5 909 983.9	Down	Sand
21/08/2020	06:15:35	2164	200145_EB_042	470 353.0	5 910 012.8	Down	Sand. Small anoxic worm casts (<i>Arenicola</i> sp.)
21/08/2020	06:16:38	2165	200145_EB_043	470 363.6	5 910 075.0	Down	Sand. Small anoxic worm casts (<i>Arenicola</i> sp.)
21/08/2020	06:18:07	2166	200145_EB_044	470 374.5	5 910 122.1	Down	Sand. Small anoxic worm casts (<i>Arenicola</i> sp.)
21/08/2020	06:18:45	2167	200145_EB_045	470 372.5	5 910 129.6	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:18:45	2167	200145_EB_046	470 372.5	5 910 129.6	NW	Low tide - across water
21/08/2020	06:18:45	2167	200145_EB_047	470 372.5	5 910 129.6	NE	Along low tide mark
21/08/2020	06:18:45	2167	200145_EB_048	470 372.5	5 910 129.6	SE	Up over sand to seawall
21/08/2020	06:18:45	2167	200145_EB_049	470 372.5	5 910 129.6	SW	Sand. Sand mason worm (<i>Lanice conchilega</i>) - low tide mark

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:20:01	2168	Line	470 381.3	5 910 129.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:20:31	2169	Line	470 366.2	5 910 128.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:20:42	2170	Line	470 344.3	5 910 116.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:21:01	2171	Line	470 324.4	5 910 112.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:21:15	2172	Line	470 307.2	5 910 108.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:21:15	2172	200145_EB_050	470 307.2	5 910 108.2	NW	Down channel to sea
21/08/2020	06:21:15	2172	200145_EB_051	470 307.2	5 910 108.2	NE	Along sand
21/08/2020	06:21:15	2172	200145_EB_052	470 307.2	5 910 108.2	SE	Up sand, over channel boundary
21/08/2020	06:21:15	2172	200145_EB_053	470 307.2	5 910 108.2	SW	Along sand/channel boundary
21/08/2020	06:21:15	2172	200145_EB_054	470 307.2	5 910 108.2	SW	Along sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:21:15	2172	Field Note	470 307.2	5 910 108.2	-	Channel
21/08/2020	06:22:17	2173	Line	470 297.9	5 910 100.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:22:30	2174	Line	470 276.6	5 910 095.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:22:30	2174	200145_EB_055	470 276.6	5 910 095.4	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:22:30	2174	200145_EB_056	470 276.6	5 910 095.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:23:27	2175	Line	470 275.2	5 910 094.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:23:37	2176	Line	470 269.6	5 910 091.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:24:00	2177	Line	470 251.3	5 910 086.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:24:15	2178	Line	470 234.7	5 910 084.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:24:51	2179	Line	470 225.2	5 910 053.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:25:20	2180	Line	470 211.9	5 910 048.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:25:29	2181	Line	470 195.8	5 910 040.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:25:45	2182	Line	470 181.0	5 910 043.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:25:59	2183	Line	470 165.4	5 910 035.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:26:10	2184	Line	470 148.4	5 910 028.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:26:21	2185	Line	470 134.2	5 910 034.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:26:33	2186	Line	470 126.6	5 910 036.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:26:47	2187	Line	470 105.9	5 910 026.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:27:07	2188	Line	470 078.0	5 910 018.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:27:07	2188	200145_EB_057	470 078.0	5 910 018.8	Down	Sand (with occasional pebbles). Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:27:07	2188	200145_EB_058	470 078.0	5 910 018.8	-	Sand (with occasional pebbles). Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:28:16	2189	Line	470 063.4	5 910 012.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:28:28	2190	Line	470 050.5	5 910 009.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:28:35	2191	Line	470 041.9	5 910 004.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:29:13	2192	Line	470 035.3	5 910 005.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:29:26	2193	Line	470 018.8	5 910 006.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:29:40	2194	Line	470 005.1	5 909 990.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:29:53	2195	Line	469 982.1	5 909 982.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:30:03	2196	Line	469 976.2	5 909 983.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:30:16	2197	Line	469 959.9	5 909 982.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:30:16	2197	Field Note	469 959.9	5 909 982.2	-	Channel
21/08/2020	06:30:16	2197	200145_EB_059	469 959.9	5 909 982.2	NW	Down over sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:30:16	2197	200145_EB_060	469 959.9	5 909 982.2	NE	Along sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:30:16	2197	200145_EB_061	469 959.9	5 909 982.2	SE	Up over sand to seawall
21/08/2020	06:30:16	2197	200145_EB_062	469 959.9	5 909 982.2	SW	Along sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:31:16	2198	Line	469 974.8	5 909 977.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:31:28	2199	Line	469 990.2	5 909 981.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:31:41	2200	Line	470 005.6	5 909 980.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:32:17	2201	Line	470 005.8	5 909 965.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:32:28	2202	Line	469 996.7	5 909 953.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:32:42	2203	Line	469 987.1	5 909 943.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:33:00	2204	Line	469 967.4	5 909 944.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:33:11	2205	Line	469 955.9	5 909 936.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:33:18	2206	Line	469 955.7	5 909 944.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:33:34	2207	Line	469 960.1	5 909 970.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:33:42	2208	Line	469 962.0	5 909 974.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:33:49	2209	Line	469 962.9	5 909 978.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:33:54	2210	Line	469 959.5	5 909 981.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:34:05	2211	Line	469 948.4	5 909 973.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:34:10	2212	Line	469 948.8	5 909 977.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:34:46	2213	Line	469 961.7	5 909 989.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:34:56	2214	Line	469 967.6	5 909 992.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:35:08	2215	Line	469 977.0	5 910 000.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:35:23	2216	Line	469 986.0	5 910 012.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:36:18	2217	Line	469 970.8	5 910 027.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:36:34	2218	Line	469 950.2	5 910 019.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:36:49	2219	Line	469 933.2	5 910 014.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:37:15	2220	Line	469 909.0	5 910 005.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:37:23	2221	Line	469 898.0	5 910 002.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:37:37	2222	Line	469 886.0	5 909 992.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:37:42	2223	Line	469 889.7	5 909 992.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:38:29	2224	Line	469 894.0	5 909 994.9	-	Edge pool
21/08/2020	06:38:43	2225	Line	469 912.9	5 910 004.7	-	Edge pool
21/08/2020	06:38:55	2226	Line	469 918.9	5 910 004.3	-	Edge pool
21/08/2020	06:38:55	2226	200145_EB_063	469 918.9	5 910 004.3	NW	Down over sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:38:55	2226	200145_EB_064	469 918.9	5 910 004.3	NE	Along sand
21/08/2020	06:38:55	2226	200145_EB_065	469 918.9	5 910 004.3	SE	Up over sand to seawall
21/08/2020	06:38:55	2226	200145_EB_066	469 918.9	5 910 004.3	SW	Along sand and pool edge
21/08/2020	06:38:55	2226	200145_EB_067	469 918.9	5 910 004.3	Down	Sand. Anoxia. Worm casts (<i>Arenicola</i> sp.)
21/08/2020	06:39:53	2227	Line	469 935.7	5 910 009.1	-	Edge pool
21/08/2020	06:40:08	2228	Line	469 959.3	5 910 017.6	-	Edge pool
21/08/2020	06:40:17	2229	Line	469 965.4	5 910 017.7	-	Edge pool
21/08/2020	06:40:52	2230	Line	469 982.3	5 910 014.3	-	Edge pool
21/08/2020	06:41:02	2231	Line	469 977.2	5 910 008.7	-	Edge pool
21/08/2020	06:41:17	2232	Line	469 961.6	5 910 004.2	-	Edge pool
21/08/2020	06:41:40	2233	Line	469 958.4	5 910 002.5	-	Edge pool
21/08/2020	06:41:46	2234	Line	469 957.0	5 910 000.9	-	Edge pool
21/08/2020	06:41:52	2235	Line	469 953.8	5 910 000.4	-	Edge pool
21/08/2020	06:41:59	2236	Line	469 950.5	5 910 000.4	-	Edge pool
21/08/2020	06:42:51	2237	200145_EB_068	469 943.5	5 909 980.0	Down	Sand
21/08/2020	06:43:26	2238	200145_EB_069	469 943.1	5 909 989.3	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:43:26	2238	200145_EB_070	469 943.1	5 909 989.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:44:23	2239	Line	469 955.3	5 909 999.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:44:27	2240	Line	469 955.2	5 909 997.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:44:33	2241	Line	469 950.1	5 909 991.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:44:40	2242	Line	469 940.5	5 909 988.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:44:57	2243	Line	469 931.8	5 909 986.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:45:08	2244	Line	469 921.7	5 909 981.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:45:18	2245	Line	469 918.3	5 909 969.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:45:25	2246	Line	469 907.7	5 909 966.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:45:35	2247	Line	469 900.6	5 909 963.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:45:42	2248	Line	469 896.5	5 909 959.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:45:52	2249	Line	469 881.8	5 909 953.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:46:04	2250	Line	469 873.5	5 909 942.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:46:12	2251	Line	469 865.9	5 909 940.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:46:21	2252	Line	469 860.0	5 909 945.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:46:33	2253	Line	469 844.8	5 909 945.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:46:42	2254	Line	469 834.0	5 909 940.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:46:53	2255	Line	469 827.6	5 909 933.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:47:05	2256	Line	469 815.9	5 909 928.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:47:11	2257	Line	469 810.2	5 909 929.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:47:26	2258	Line	469 794.5	5 909 922.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:47:31	2259	Line	469 789.0	5 909 922.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:47:39	2260	Line	469 777.8	5 909 920.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:47:47	2261	Line	469 773.3	5 909 917.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:47:55	2262	Line	469 768.1	5 909 912.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:48:05	2263	Line	469 755.5	5 909 913.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:48:16	2264	Line	469 744.7	5 909 910.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:48:23	2265	Line	469 738.6	5 909 907.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:48:32	2266	Line	469 727.3	5 909 901.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:48:38	2267	Line	469 723.9	5 909 900.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:48:48	2268	Line	469 709.9	5 909 893.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:49:09	2269	Line	469 686.4	5 909 884.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:49:18	2270	Line	469 677.0	5 909 879.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:49:56	2271	Line	469 671.1	5 909 878.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:50:03	2272	Line	469 665.7	5 909 876.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:50:11	2273	Line	469 658.6	5 909 869.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:50:19	2274	Line	469 654.4	5 909 862.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:50:27	2275	Line	469 646.4	5 909 859.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:50:35	2276	Line	469 636.4	5 909 855.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:50:46	2277	Line	469 626.0	5 909 853.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:50:53	2278	Line	469 619.6	5 909 853.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:50:59	2279	Line	469 615.2	5 909 846.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:51:07	2280	Line	469 605.2	5 909 842.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:51:17	2281	Line	469 595.8	5 909 842.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:51:29	2282	Line	469 588.7	5 909 839.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:51:35	2283	Line	469 582.7	5 909 834.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:51:47	2284	Line	469 574.8	5 909 835.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:51:54	2285	Line	469 567.5	5 909 828.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:52:03	2286	Line	469 559.6	5 909 829.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:52:11	2287	Line	469 555.6	5 909 834.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:52:11	2287	200145_EB_071	469 555.6	5 909 834.6	NW	Low water - Down over water
21/08/2020	06:52:11	2287	200145_EB_072	469 555.6	5 909 834.6	NE	Along sand
21/08/2020	06:52:11	2287	200145_EB_073	469 555.6	5 909 834.6	SE	Up over sand and pool towards seawall (water flow)
21/08/2020	06:52:11	2287	200145_EB_074	469 555.6	5 909 834.6	SW	Along sand
21/08/2020	06:52:11	2287	Field Note	469 555.6	5 909 834.6	-	Water flow from pool above
21/08/2020	06:53:04	2288	Line	469 547.1	5 909 832.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:53:18	2289	Line	469 541.9	5 909 819.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:53:54	2290	Line	469 530.6	5 909 810.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:54:00	2291	Line	469 524.4	5 909 809.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:54:06	2292	Line	469 520.7	5 909 804.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:54:20	2293	Line	469 508.4	5 909 803.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:54:20	2293	200145_EB_075	469 508.4	5 909 803.4	NW	Down channel to sea
21/08/2020	06:54:20	2293	200145_EB_076	469 508.4	5 909 803.4	NE	Along sand
21/08/2020	06:54:20	2293	200145_EB_077	469 508.4	5 909 803.4	SE	Up channel, over sand and pool to seawall
21/08/2020	06:54:20	2293	200145_EB_078	469 508.4	5 909 803.4	SW	Along sand, towards next channel
21/08/2020	06:54:20	2293	200145_EB_079	469 508.4	5 909 803.4	Down	Sand
21/08/2020	06:54:20	2293	200145_EB_080	469 508.4	5 909 803.4	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:55:51	2294	Line	469 518.1	5 909 793.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:55:57	2295	Line	469 515.9	5 909 790.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:56:03	2296	Line	469 516.4	5 909 787.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:56:15	2297	Line	469 525.2	5 909 784.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:56:21	2298	Line	469 530.5	5 909 790.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:56:52	2299	Line	469 545.0	5 909 777.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:57:02	2300	Line	469 538.2	5 909 773.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:57:06	2301	Line	469 534.6	5 909 776.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:57:12	2302	Line	469 527.2	5 909 771.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:58:06	2303	Line	469 488.5	5 909 753.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:58:12	2304	Line	469 489.2	5 909 758.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:58:17	2305	Line	469 489.9	5 909 761.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:58:29	2306	Line	469 497.8	5 909 770.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:59:12	2307	Line	469 506.9	5 909 794.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:59:20	2308	Line	469 510.1	5 909 799.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:59:56	2309	Line	469 489.5	5 909 807.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	06:59:56	2309	Field Note	469 489.5	5 909 807.5	-	Channel
21/08/2020	06:59:56	2309	200145_EB_081	469 489.5	5 909 807.5	NW	Low tide - across water
21/08/2020	06:59:56	2309	200145_EB_082	469 489.5	5 909 807.5	NE	Along sand
21/08/2020	06:59:56	2309	200145_EB_083	469 489.5	5 909 807.5	SE	Up channel, over sand and pool to seawall
21/08/2020	06:59:56	2309	200145_EB_084	469 489.5	5 909 807.5	SW	Over channel, along sand
21/08/2020	06:59:56	2309	200145_EB_085	469 489.5	5 909 807.5	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
21/08/2020	06:59:56	2309	200145_EB_086	469 489.5	5 909 807.5	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:01:24	2310	Line	469 488.0	5 909 797.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:01:29	2311	Line	469 488.1	5 909 794.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:01:35	2312	Line	469 494.3	5 909 790.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:01:58	2313	Line	469 489.5	5 909 782.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:02:03	2314	Line	469 487.1	5 909 782.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:02:12	2315	Line	469 485.2	5 909 787.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:03:06	2316	Line	469 455.4	5 909 763.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:03:16	2317	Line	469 464.0	5 909 766.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:03:29	2318	Line	469 478.6	5 909 774.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:03:34	2319	Line	469 482.4	5 909 779.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:03:44	2320	Line	469 486.7	5 909 790.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:03:48	2321	Line	469 488.3	5 909 795.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:03:48	2321	Field Note	469 488.3	5 909 795.2	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) ends - incoming tide
21/08/2020	07:04:06	2322	Line	469 487.9	5 909 807.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:04:43	2323	Line	469 477.1	5 909 801.0	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:05:26	2324	Line	469 449.2	5 909 784.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:05:57	2325	Line	469 421.9	5 909 771.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:06:02	2326	Line	469 414.5	5 909 767.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:06:28	2327	Line	469 387.7	5 909 763.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:06:28	2327	200145_EB_087	469 387.7	5 909 763.1	NW	Low tide - across water
21/08/2020	07:06:28	2327	200145_EB_088	469 387.7	5 909 763.1	NE	Along sand (with occasional pebbles)
21/08/2020	07:06:28	2327	200145_EB_089	469 387.7	5 909 763.1	SE	Up channel, over sand, to seawall
21/08/2020	07:06:28	2327	200145_EB_090	469 387.7	5 909 763.1	SW	Along sand (with occasional pebbles)
21/08/2020	07:06:28	2327	200145_EB_091	469 387.7	5 909 763.1	Down	Sand (with occasional pebbles). Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:07:26	2328	Line	469 390.9	5 909 761.9	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:07:40	2329	Line	469 387.2	5 909 762.5	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:07:54	2330	Line	469 378.9	5 909 753.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:08:21	2331	Line	469 351.2	5 909 741.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:08:27	2332	Line	469 347.5	5 909 742.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:08:32	2333	Line	469 343.8	5 909 742.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:08:46	2334	Line	469 338.6	5 909 734.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:08:51	2335	Line	469 333.7	5 909 732.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:08:56	2336	Line	469 329.2	5 909 732.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:09:01	2337	Line	469 325.4	5 909 727.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:09:08	2338	Line	469 317.1	5 909 725.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:09:16	2339	Line	469 309.9	5 909 720.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:09:42	2340	Line	469 284.4	5 909 718.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:09:47	2341	Line	469 278.6	5 909 715.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:09:53	2342	Line	469 275.0	5 909 716.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:09:57	2343	Line	469 271.1	5 909 712.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:10:01	2344	Line	469 268.4	5 909 711.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:10:07	2345	Line	469 264.0	5 909 711.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:11:00	2346	Line	469 228.1	5 909 698.7	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - narrow strip initially
21/08/2020	07:12:15	2347	200145_EB_092	469 273.1	5 909 670.4	Down	Sand with worm casts (<i>Arenicola</i> sp.)
21/08/2020	07:14:32	2348	200145_EB_093	469 296.4	5 909 665.3	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
21/08/2020	07:14:32	2348	200145_EB_094	469 296.4	5 909 665.3	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>)
21/08/2020	07:14:45	2349	Line	469 292.4	5 909 672.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - patch
21/08/2020	07:14:54	2350	Line	469 288.3	5 909 666.6	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - patch
21/08/2020	07:14:58	2351	Line	469 287.4	5 909 661.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - patch

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:15:07	2352	Line	469 279.9	5 909 653.4	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - patch
21/08/2020	07:15:50	2353	Line	469 301.4	5 909 656.3	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - patch
21/08/2020	07:16:20	2354	Line	469 305.6	5 909 674.8	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - patch
21/08/2020	07:16:30	2355	Line	469 291.4	5 909 671.1	-	Sand. Sand mason worm (<i>Lanice conchilega</i>) - patch
21/08/2020	07:17:09	2356	Line	469 304.5	5 909 657.2	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:17:13	2357	Line	469 301.0	5 909 657.9	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:17:17	2358	Line	469 299.1	5 909 657.3	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:17:21	2359	Line	469 301.6	5 909 654.5	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:17:25	2360	Line	469 306.8	5 909 655.2	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:17:30	2361	Line	469 305.9	5 909 658.4	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:18:31	2362	Line	469 314.2	5 909 664.1	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:18:31	2362	200145_EB_095	469 314.2	5 909 664.1	E	Across mud patch on sand
21/08/2020	07:18:31	2362	200145_EB_096	469 314.2	5 909 664.1	Down	Mud (on sand)
21/08/2020	07:18:50	2363	Line	469 316.5	5 909 660.3	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:18:55	2364	Line	469 319.8	5 909 656.0	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:18:58	2365	Line	469 320.9	5 909 656.8	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:19:04	2366	Line	469 319.6	5 909 663.1	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:19:08	2367	Line	469 324.1	5 909 662.9	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:19:20	2368	Line	469 333.8	5 909 660.3	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:19:27	2369	Line	469 338.2	5 909 659.4	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:19:27	2369	200145_EB_097	469 338.2	5 909 659.4	NW	Down over mud deposit towards sea
21/08/2020	07:19:27	2369	200145_EB_098	469 338.2	5 909 659.4	NE	Along shore, surface water
21/08/2020	07:19:27	2369	200145_EB_099	469 338.2	5 909 659.4	SE	Up shore, towards channel

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:19:27	2369	200145_EB_100	469 338.2	5 909 659.4	SW	Along shore, surface water
21/08/2020	07:19:27	2369	200145_EB_101	469 338.2	5 909 659.4	Down	Mud (on sand)
21/08/2020	07:20:35	2370	Line	469 337.5	5 909 666.0	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:20:42	2371	Line	469 333.9	5 909 672.3	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:20:47	2372	Line	469 331.9	5 909 675.1	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:20:54	2373	Line	469 325.8	5 909 675.3	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:21:08	2374	Line	469 317.0	5 909 674.7	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:21:15	2375	Line	469 317.3	5 909 669.0	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:21:24	2376	Line	469 311.8	5 909 665.3	-	Muddy sand (Mud deposit on sand)
21/08/2020	07:22:25	2377	200145_EB_102	469 340.7	5 909 636.6	Down	Sand
21/08/2020	07:23:14	2378	200145_EB_103	469 375.4	5 909 619.4	Down	Sand
21/08/2020	07:24:11	2379	200145_EB_104	469 401.1	5 909 632.0	Down	Sand
21/08/2020	07:24:11	2379	200145_EB_105	469 401.1	5 909 632.0	Down	Anthropogenic debris: Bike
21/08/2020	07:24:11	2379	Target Note	469 401.1	5 909 632.0	Down	Anthropogenic debris: Bike
21/08/2020	07:25:27	2380	200145_EB_106	469 467.0	5 909 616.5	Down	Sand
21/08/2020	07:25:27	2380	200145_EB_107	469 467.0	5 909 616.5	NW	Down over sand
21/08/2020	07:25:27	2380	200145_EB_108	469 467.0	5 909 616.5	NE	Along sand and edge of pool
21/08/2020	07:25:27	2380	200145_EB_109	469 467.0	5 909 616.5	SE	Up to outflow pipe across pool
21/08/2020	07:25:27	2380	200145_EB_110	469 467.0	5 909 616.5	SW	Along sand
21/08/2020	07:25:27	2380	200145_EB_111	469 467.0	5 909 616.5	SE	Up to outflow pipe
21/08/2020	07:27:33	2381	200145_EB_112	469 512.5	5 909 644.2	NW	Down over sand
21/08/2020	07:27:33	2381	200145_EB_113	469 512.5	5 909 644.2	NE	Along sand
21/08/2020	07:27:33	2381	200145_EB_114	469 512.5	5 909 644.2	SE	Up across pool

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:27:33	2381	200145_EB_115	469 512.5	5 909 644.2	SW	Along sand and edge of pool
21/08/2020	07:27:33	2381	200145_EB_116	469 512.5	5 909 644.2	Down	Sand
21/08/2020	07:31:25	2382	Field Note	469 477.2	5 909 563.9	-	Edge outflow
21/08/2020	07:31:25	2382	200145_EB_117	469 477.2	5 909 563.9	NW	Down along outflow, over boulders. Barnacle zone (<i>Semibalanus balanoides</i>)/submerged green ephemeral (<i>Ulva ?intestinalis</i>) zone
21/08/2020	07:31:25	2382	200145_EB_118	469 477.2	5 909 563.9	NE	Vertical outflow, bottom. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	07:31:25	2382	200145_EB_119	469 477.2	5 909 563.9	NE	Vertical outflow, low mid. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:31:25	2382	200145_EB_120	469 477.2	5 909 563.9	NE	Vertical outflow, high mid. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:31:25	2382	200145_EB_121	469 477.2	5 909 563.9	NE	Vertical outflow, top. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:31:25	2382	200145_EB_122	469 477.2	5 909 563.9	NE	Vertical outflow, high mid. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), mussels (<i>Mytilus</i> sp.)
21/08/2020	07:31:25	2382	200145_EB_123	469 477.2	5 909 563.9	SW	Up along outflow, over sand (patch muddy sand)
21/08/2020	07:31:25	2382	200145_EB_124	469 477.2	5 909 563.9	SE	Along sand
21/08/2020	07:31:50	2383	Line	469 475.2	5 909 567.6	-	Mixed (mud, pebbles, cobbles, boulders). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), diatoms
21/08/2020	07:31:50	2383	200145_EB_125	469 475.2	5 909 567.6	Down	Mixed (mud, pebbles, cobbles, boulders). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), diatoms
21/08/2020	07:31:50	2383	200145_EB_126	469 475.2	5 909 567.6	Down	Mixed (mud, pebbles, cobbles, boulders). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), diatoms
21/08/2020	07:31:50	2383	200145_EB_127	469 475.2	5 909 567.6	Down	Littoral rock (boulders of rock dump). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	07:33:02	2384	Line	469 471.7	5 909 567.5	-	Boulders. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:33:23	2385	Line	469 471.4	5 909 566.7	-	Boulders. Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:33:23	2385	Line	469 471.4	5 909 566.7	-	Outflow pool
21/08/2020	07:33:23	2385	200145_EB_128	469 471.4	5 909 566.7	Down	Mud on sand. Diatoms
21/08/2020	07:33:23	2385	200145_EB_129	469 471.4	5 909 566.7	Down	Mixed (mud, sand, cobble). Ephemeral greens (<i>Ulva ?intestinalis</i>), diatoms
21/08/2020	07:34:11	2386	Line	469 469.1	5 909 568.7	-	Outflow pool
21/08/2020	07:34:11	2386	Line	469 469.1	5 909 568.7	-	Mud on sand
21/08/2020	07:34:11	2386	Target Note	469 469.1	5 909 568.7	-	Mud extends up the shore in a triangle of approx. 5 m. Sand starts here
21/08/2020	07:34:58	2387	Line	469 466.9	5 909 568.7	-	Outflow pool
21/08/2020	07:35:15	2388	Line	469 461.5	5 909 580.6	-	Outflow pool
21/08/2020	07:35:21	2389	Line	469 460.9	5 909 586.1	-	Outflow pool
21/08/2020	07:35:39	2390	Line	469 464.5	5 909 602.2	-	Outflow pool
21/08/2020	07:35:51	2391	Line	469 477.8	5 909 618.3	-	Outflow pool
21/08/2020	07:35:57	2392	Line	469 484.0	5 909 621.7	-	Outflow pool
21/08/2020	07:36:15	2393	Line	469 500.6	5 909 636.5	-	Outflow pool
21/08/2020	07:36:22	2394	Line	469 508.7	5 909 640.5	-	Outflow pool
21/08/2020	07:36:28	2395	Line	469 517.6	5 909 646.2	-	Outflow pool
21/08/2020	07:36:35	2396	Line	469 522.0	5 909 644.0	-	Outflow pool
21/08/2020	07:36:35	2396	200145_EB_130	469 522.0	5 909 644.0	W	Across pool to outflow
21/08/2020	07:36:35	2396	200145_EB_131	469 522.0	5 909 644.0	Down	Sand
21/08/2020	07:36:44	2397	Line	469 520.2	5 909 632.4	-	Outflow pool
21/08/2020	07:37:10	2398	Line	469 526.6	5 909 620.0	-	Outflow pool
21/08/2020	07:37:18	2399	Line	469 520.0	5 909 614.1	-	Outflow pool
21/08/2020	07:38:22	2400	Line	469 521.8	5 909 609.2	-	Outflow pool
21/08/2020	07:38:35	2401	Line	469 516.4	5 909 604.8	-	Outflow pool

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:38:35	2401	200145_EB_132	469 516.4	5 909 604.8	NW	Down over pool towards sea
21/08/2020	07:38:35	2401	200145_EB_133	469 516.4	5 909 604.8	NE	Across sand with water flow
21/08/2020	07:38:35	2401	200145_EB_134	469 516.4	5 909 604.8	SE	Up over mud on sand
21/08/2020	07:38:35	2401	200145_EB_135	469 516.4	5 909 604.8	SW	Along mud and pool edge to outflow
21/08/2020	07:38:35	2401	200145_EB_136	469 516.4	5 909 604.8	Down	Mud on sand
21/08/2020	07:38:35	2401	Target Note	469 516.4	5 909 604.8	-	Mud on sand starts at pool edge. Too close to pool edge for safety
21/08/2020	07:40:51	2402	Line	469 519.4	5 909 603.7	-	Muddy sand area
21/08/2020	07:40:58	2403	Line	469 524.2	5 909 604.5	-	Muddy sand area
21/08/2020	07:41:19	2404	Line	469 530.4	5 909 597.8	-	Muddy sand area
21/08/2020	07:41:25	2405	Line	469 534.9	5 909 594.3	-	Muddy sand area
21/08/2020	07:41:31	2406	Line	469 538.3	5 909 592.0	-	Muddy sand area
21/08/2020	07:41:38	2407	Line	469 543.4	5 909 588.3	-	Muddy sand area
21/08/2020	07:41:45	2408	Line	469 546.7	5 909 585.9	-	Muddy sand area
21/08/2020	07:42:12	2409	Line	469 544.1	5 909 580.1	-	Muddy sand area
21/08/2020	07:42:12	2409	200145_EB_137	469 544.1	5 909 580.1	NW	Down over muddy sand area
21/08/2020	07:42:12	2409	200145_EB_138	469 544.1	5 909 580.1	NE	Across sand with water flow
21/08/2020	07:42:12	2409	200145_EB_139	469 544.1	5 909 580.1	SE	Up over sand
21/08/2020	07:42:12	2409	200145_EB_140	469 544.1	5 909 580.1	SW	Over muddy sand towards outflow
21/08/2020	07:43:07	2410	Line	469 533.4	5 909 578.4	-	Muddy sand area
21/08/2020	07:43:32	2411	Line	469 518.0	5 909 566.1	-	Muddy sand area
21/08/2020	07:43:40	2412	Line	469 514.9	5 909 564.6	-	Muddy sand area
21/08/2020	07:43:44	2413	Line	469 512.8	5 909 564.5	-	Muddy sand area
21/08/2020	07:43:48	2414	Line	469 512.7	5 909 562.1	-	Muddy sand area

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:44:43	2415	Line	469 490.8	5 909 541.0	-	Muddy sand area
21/08/2020	07:44:43	2415	Line	469 490.8	5 909 541.0	-	Edge outflow
21/08/2020	07:44:43	2415	200145_EB_141	469 490.8	5 909 541.0	NW	Down edge outflow (mixed (muddy sand, pebbles, cobbles, boulders) towards sea
21/08/2020	07:44:43	2415	200145_EB_142	469 490.8	5 909 541.0	NE	Along muddy sand
21/08/2020	07:44:43	2415	200145_EB_143	469 490.8	5 909 541.0	SE	Up edge outflow towards seawall
21/08/2020	07:44:43	2415	200145_EB_144	469 490.8	5 909 541.0	SW	Vertical edge of outflow. Mussels (<i>Mytilus edulis</i>), barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:44:43	2415	200145_EB_145	469 490.8	5 909 541.0	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm scar (<i>Sabellaria alveolata</i>)
21/08/2020	07:44:43	2415	200145_EB_146	469 490.8	5 909 541.0	SW	Vertical edge of outflow. Mussels (<i>Mytilus edulis</i>), barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:44:43	2415	200145_EB_147	469 490.8	5 909 541.0	SW	Vertical edge of outflow. Mussels (<i>Mytilus edulis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	07:44:43	2415	200145_EB_148	469 490.8	5 909 541.0	SW	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:46:06	2416	200145_EB_149	469 488.2	5 909 541.2	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), mussels (<i>Mytilus edulis</i>), honeycomb reef worm scar (<i>Sabellaria alveolata</i>)
21/08/2020	07:46:57	2417	200145_EB_150	469 488.9	5 909 551.7	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	07:46:57	2417	200145_EB_151	469 488.9	5 909 551.7	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	07:47:27	2418	200145_EB_152	469 483.9	5 909 563.9	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), whelk (<i>Nucella lapillus</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	07:47:27	2418	200145_EB_153	469 483.9	5 909 563.9	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), whelk (<i>Nucella lapillus</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	07:48:51	2419	200145_EB_154	469 481.2	5 909 571.3	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), whelk (<i>Nucella lapillus</i>), mussel (<i>Mytilus edulis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:50:25	2420	200145_EB_155	469 480.4	5 909 580.4	Down	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), wrinkle (<i>Littorina littorea</i>), whelk (<i>Nucella lapillus</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	07:50:25	2420	200145_EB_156	469 480.4	5 909 580.4	Down	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), wrinkle (<i>Littorina littorea</i>), whelk (<i>Nucella lapillus</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	07:50:25	2420	200145_EB_157	469 480.4	5 909 580.4	Down	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), wrinkle (<i>Littorina littorea</i>), whelk (<i>Nucella lapillus</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	07:50:25	2420	200145_EB_158	469 480.4	5 909 580.4	SE	Up outflow edge towards seawall, over honeycomb reef worm area (<i>Sabellaria alveolata</i>)
21/08/2020	07:50:25	2420	200145_EB_159	469 480.4	5 909 580.4	SE	Up outflow edge towards seawall, over honeycomb reef worm area (<i>Sabellaria alveolata</i>)
21/08/2020	07:50:52	2421	Target Note	469 479.5	5 909 583.7	-	Anthropogenic: End of outflow. Ephemeral greens (<i>Ulva ?intestinalis</i>) zone 4 m in front, on edge of barnacles (<i>Semibalanus balanoides</i>) zone
21/08/2020	07:50:52	2421	200145_EB_160	469 479.5	5 909 583.7	NW	Down shore, over pool and boulders (rock dump). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:50:52	2421	200145_EB_161	469 479.5	5 909 583.7	NW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:50:52	2421	200145_EB_162	469 479.5	5 909 583.7	Down	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:50:52	2421	200145_EB_163	469 479.5	5 909 583.7	NE	Along shore across pool
21/08/2020	07:50:52	2421	200145_EB_164	469 479.5	5 909 583.7	NE	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:50:52	2421	200145_EB_165	469 479.5	5 909 583.7	Down	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>), wrinkles (<i>Littorina littorea</i>), whelks (<i>Nucella lapillus</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:50:52	2421	200145_EB_166	469 479.5	5 909 583.7	SE	Up outflow edge towards seawall, over honeycomb reef worm (<i>Sabellaria alveolata</i> - zone
21/08/2020	07:50:52	2421	200145_EB_167	469 479.5	5 909 583.7	SW	Across bottom of outflow. Ephemeral greens dominate at pool margin, transitioning through barnacles (<i>Semibalanus balanoides</i>) to mussels (<i>Mytilus edulis</i>) with height on outflow
21/08/2020	07:50:52	2421	200145_EB_168	469 479.5	5 909 583.7	SW	Bottom of outflow. Ephemeral greens dominate at pool margin, transitioning through barnacles (<i>Semibalanus balanoides</i>) to mussels (<i>Mytilus edulis</i>) with height on outflow
21/08/2020	07:50:52	2421	200145_EB_169	469 479.5	5 909 583.7	Up	Towards top of outflow. Mussels (<i>Mytilus</i> sp.), green ephemerals (<i>Ulva intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:50:52	2421	200145_EB_170	469 479.5	5 909 583.7	Up	Towards top of outflow. Mussels (<i>Mytilus</i> sp.), green ephemerals (<i>Ulva intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	07:50:52	2421	200145_EB_171	469 479.5	5 909 583.7	SE	Up outflow edge towards seawall. Mussels (<i>Mytilus</i> sp.), green ephemerals (<i>Ulva intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>) zonation
21/08/2020	07:50:52	2421	Line	469 479.5	5 909 583.7	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:52:55	2422	Line	469 482.0	5 909 580.5	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:53:01	2423	Line	469 483.7	5 909 577.9	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:53:06	2424	Line	469 484.7	5 909 574.7	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:53:15	2425	Line	469 485.8	5 909 571.6	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:53:15	2425	200145_EB_172	469 485.8	5 909 571.6	NW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:53:15	2425	200145_EB_173	469 485.8	5 909 571.6	NE	Across top of pool to mud
21/08/2020	07:53:15	2425	200145_EB_174	469 485.8	5 909 571.6	SE	Up outflow over boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:53:15	2425	200145_EB_175	469 485.8	5 909 571.6	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:53:15	2425	200145_EB_176	469 485.8	5 909 571.6	SW	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	07:53:15	2425	200145_EB_177	469 485.8	5 909 571.6	Down	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	07:54:33	2426	Line	469 485.0	5 909 568.8	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:54:42	2427	Line	469 485.7	5 909 564.4	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:54:49	2428	Line	469 486.0	5 909 559.8	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:55:15	2429	Line	469 488.4	5 909 542.3	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:55:24	2430	Line	469 489.0	5 909 536.4	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
21/08/2020	07:55:24	2430	Field Note	469 489.0	5 909 536.4	-	Boulders (rock dump). Barnacles (<i>Semibalanus balanoides</i>)/ephemeral greens (<i>Ulva ?intestinalis</i>) boundary about 50 cm wide
21/08/2020	07:56:44	2431	200145_EB_178	469 540.5	5 909 555.2	Down	Sand
21/08/2020	07:58:23	2432	200145_EB_179	469 623.4	5 909 620.1	Down	Sand
21/08/2020	07:59:36	2433	Line	469 664.4	5 909 631.5	-	Sand with mud deposit
21/08/2020	07:59:36	2433	200145_EB_180	469 664.4	5 909 631.5	NW	Down over sand towards sea
21/08/2020	07:59:36	2433	200145_EB_181	469 664.4	5 909 631.5	NE	Along mud (on sand) with diatoms
21/08/2020	07:59:36	2433	200145_EB_182	469 664.4	5 909 631.5	SE	Up over mud (on sand) with diatoms
21/08/2020	07:59:36	2433	200145_EB_183	469 664.4	5 909 631.5	SW	Along mud (on sand) with diatoms towards outflow
21/08/2020	07:59:36	2433	200145_EB_184	469 664.4	5 909 631.5	Down	Mud (on sand). Diatoms
21/08/2020	08:00:14	2434	Line	469 665.4	5 909 634.4	-	Sand with mud deposit
21/08/2020	08:00:20	2435	Line	469 661.1	5 909 631.7	-	Sand with mud deposit
21/08/2020	08:00:28	2436	Line	469 670.2	5 909 625.9	-	Sand with mud deposit
21/08/2020	08:00:49	2437	Line	469 666.6	5 909 636.4	-	Sand with mud deposit
21/08/2020	08:02:04	2438	Line	469 716.6	5 909 637.8	-	Sand with mud deposit
21/08/2020	08:02:04	2438	Field Note	469 716.6	5 909 637.8	-	Thin layer of mud to here
21/08/2020	08:02:58	2439	200145_EB_185	469 746.4	5 909 645.6	Down	Sand
21/08/2020	08:04:04	2440	200145_EB_186	469 786.6	5 909 656.7	Down	Mud on sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:04:04	2440	Line	469 786.6	5 909 656.7	-	Mud on sand
21/08/2020	08:05:00	2441	Line	469 783.5	5 909 655.4	-	Mud on sand
21/08/2020	08:05:06	2442	Line	469 784.4	5 909 650.6	-	Mud on sand
21/08/2020	08:05:15	2443	Line	469 777.7	5 909 646.5	-	Mud on sand
21/08/2020	08:05:19	2444	Line	469 779.5	5 909 643.9	-	Mud on sand
21/08/2020	08:05:23	2445	Line	469 782.9	5 909 644.1	-	Mud on sand
21/08/2020	08:05:27	2446	Line	469 786.1	5 909 645.7	-	Mud on sand
21/08/2020	08:05:34	2447	Line	469 785.1	5 909 641.1	-	Mud on sand
21/08/2020	08:05:54	2448	Line	469 794.7	5 909 647.2	-	Mud on sand
21/08/2020	08:06:02	2449	Line	469 799.3	5 909 647.4	-	Mud on sand
21/08/2020	08:06:11	2450	Line	469 794.7	5 909 653.5	-	Mud on sand
21/08/2020	08:06:17	2451	Line	469 790.7	5 909 655.0	-	Mud on sand
21/08/2020	08:06:39	2452	Line	469 799.3	5 909 659.6	-	Mud on sand (2)
21/08/2020	08:06:46	2453	Line	469 798.1	5 909 655.9	-	Mud on sand (2)
21/08/2020	08:06:50	2454	Line	469 797.6	5 909 652.8	-	Mud on sand (2)
21/08/2020	08:06:56	2455	Line	469 799.8	5 909 650.1	-	Mud on sand (2)
21/08/2020	08:07:02	2456	Line	469 804.2	5 909 652.1	-	Mud on sand (2)
21/08/2020	08:07:06	2457	Line	469 805.8	5 909 655.1	-	Mud on sand (2)
21/08/2020	08:07:12	2458	Line	469 803.3	5 909 658.6	-	Mud on sand (2)
21/08/2020	08:07:16	2459	Line	469 802.7	5 909 661.8	-	Mud on sand (2)
21/08/2020	08:08:06	2460	200145_EB_187	469 825.6	5 909 700.3	Down	Anthropogenic: Wooden pole in sand. Green ephemerals (<i>Ulva ?intestinalis</i>) and barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:08:06	2460	Target Note	469 825.6	5 909 700.3	Down	Anthropogenic: Wooden pole in sand. Green ephemerals (<i>Ulva ?intestinalis</i>) and barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:08:06	2460	200145_EB_188	469 825.6	5 909 700.3	Down	Sand
21/08/2020	08:09:27	2461	200145_EB_189	469 836.8	5 909 674.4	Down	Anthropogenic: Wooden pole in sand. Green ephemerals (<i>Ulva ?intestinalis</i>) and barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:09:27	2461	200145_EB_189	469 836.8	5 909 674.4	Down	Anthropogenic: Wooden pole in sand. Green ephemerals (<i>Ulva ?intestinalis</i>) and barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:09:27	2461	200145_EB_190	469 836.8	5 909 674.4	Down	Sand
21/08/2020	08:09:27	2461	200145_EB_191	469 836.8	5 909 674.4	Down	Mud on sand
21/08/2020	08:09:27	2461	Line	469 836.8	5 909 674.4	-	Mud on sand (3)
21/08/2020	08:10:59	2462	Line	469 833.3	5 909 671.6	-	Mud on sand (3)
21/08/2020	08:11:04	2463	Line	469 832.4	5 909 669.4	-	Mud on sand (3)
21/08/2020	08:11:08	2464	Line	469 833.0	5 909 666.6	-	Mud on sand (3)
21/08/2020	08:11:14	2465	Line	469 838.1	5 909 665.7	-	Mud on sand (3)
21/08/2020	08:11:20	2466	Line	469 842.2	5 909 666.0	-	Mud on sand (3)
21/08/2020	08:11:20	2466	200145_EB_192	469 842.2	5 909 666.0	NW	Down over mud (on sand), towards pole, to sea
21/08/2020	08:11:20	2466	200145_EB_193	469 842.2	5 909 666.0	NE	Along mud (on sand) with standing water
21/08/2020	08:11:20	2466	200145_EB_194	469 842.2	5 909 666.0	SE	Up water flow. Sand
21/08/2020	08:11:20	2466	200145_EB_195	469 842.2	5 909 666.0	SW	Along mud (on sand) with standing water towards the outflow
21/08/2020	08:11:20	2466	200145_EB_196	469 842.2	5 909 666.0	Down	Mud (on sand). Diatoms
21/08/2020	08:11:20	2466	200145_EB_197	469 842.2	5 909 666.0	Down	Mud (on sand). Diatoms
21/08/2020	08:12:26	2467	Line	469 844.4	5 909 667.2	-	Mud on sand (3)
21/08/2020	08:12:31	2468	Line	469 848.5	5 909 667.9	-	Mud on sand (3)
21/08/2020	08:12:35	2469	Line	469 852.0	5 909 667.1	-	Mud on sand (3)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:12:40	2470	Line	469 853.4	5 909 666.4	-	Mud on sand (3)
21/08/2020	08:12:40	2470	200145_EB_198	469 853.4	5 909 666.4	Down	Anthropogenic: Wooden pole in muddy sand. Green ephemerals (<i>Ulva ?intestinalis</i>) and barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:12:40	2470	200145_EB_199	469 853.4	5 909 666.4	Down	Mud (on sand). Diatoms
21/08/2020	08:13:26	2471	Line	469 854.2	5 909 666.9	-	Mud on sand (3)
21/08/2020	08:13:35	2472	Line	469 859.1	5 909 662.4	-	Mud on sand (3)
21/08/2020	08:13:42	2473	Line	469 861.5	5 909 657.8	-	Mud on sand (3)
21/08/2020	08:13:59	2474	Line	469 866.5	5 909 648.5	-	Mud on sand (3)
21/08/2020	08:14:04	2475	Line	469 868.9	5 909 651.5	-	Mud on sand (3)
21/08/2020	08:14:16	2476	Line	469 870.9	5 909 662.5	-	Mud on sand (3)
21/08/2020	08:14:22	2477	Line	469 868.2	5 909 667.7	-	Mud on sand (3)
21/08/2020	08:14:27	2478	Line	469 872.4	5 909 667.1	-	Mud on sand (3)
21/08/2020	08:14:35	2479	Line	469 876.1	5 909 662.3	-	Mud on sand (3)
21/08/2020	08:14:40	2480	Line	469 880.3	5 909 660.8	-	Mud on sand (3)
21/08/2020	08:14:46	2481	Line	469 882.9	5 909 661.0	-	Mud on sand (3)
21/08/2020	08:14:51	2482	Line	469 885.1	5 909 663.3	-	Mud on sand (3)
21/08/2020	08:14:57	2483	Line	469 884.6	5 909 669.0	-	Mud on sand (3)
21/08/2020	08:15:06	2484	Line	469 883.0	5 909 676.3	-	Mud on sand (3)
21/08/2020	08:15:10	2485	Line	469 885.6	5 909 676.4	-	Mud on sand (3)
21/08/2020	08:15:16	2486	Line	469 885.5	5 909 671.5	-	Mud on sand (3)
21/08/2020	08:15:20	2487	Line	469 889.2	5 909 671.6	-	Mud on sand (3)
21/08/2020	08:15:28	2488	Line	469 893.3	5 909 674.7	-	Mud on sand (3)
21/08/2020	08:15:33	2489	Line	469 895.2	5 909 672.5	-	Mud on sand (3)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:15:37	2490	Line	469 897.9	5 909 671.4	-	Mud on sand (3)
21/08/2020	08:15:43	2491	Line	469 902.8	5 909 671.1	-	Mud on sand (3)
21/08/2020	08:15:50	2492	Line	469 906.6	5 909 672.3	-	Mud on sand (3)
21/08/2020	08:15:50	2492	200145_EB_200	469 906.6	5 909 672.3	Down	Muddy sand with emergent consolidated mud (?clay)
21/08/2020	08:16:24	2493	Line	469 904.8	5 909 672.9	-	Mud on sand (3)
21/08/2020	08:16:28	2494	Line	469 907.4	5 909 674.9	-	Mud on sand (3)
21/08/2020	08:16:33	2495	Line	469 907.4	5 909 680.4	-	Mud on sand (3)
21/08/2020	08:16:38	2496	Line	469 907.6	5 909 683.9	-	Mud on sand (3)
21/08/2020	08:16:43	2497	Line	469 910.5	5 909 681.6	-	Mud on sand (3)
21/08/2020	08:16:49	2498	Line	469 915.6	5 909 683.8	-	Mud on sand (3)
21/08/2020	08:16:53	2499	Line	469 918.5	5 909 684.3	-	Mud on sand (3)
21/08/2020	08:16:59	2500	Line	469 920.9	5 909 683.3	-	Mud on sand (3)
21/08/2020	08:17:05	2501	Line	469 925.8	5 909 682.3	-	Mud on sand (3)
21/08/2020	08:17:11	2502	Line	469 930.5	5 909 684.2	-	Mud on sand (3)
21/08/2020	08:17:16	2503	Line	469 933.5	5 909 684.6	-	Mud on sand (3)
21/08/2020	08:17:22	2504	Line	469 935.5	5 909 688.7	-	Mud on sand (3)
21/08/2020	08:17:26	2505	Line	469 935.3	5 909 691.2	-	Mud on sand (3)
21/08/2020	08:17:31	2506	Line	469 936.8	5 909 694.9	-	Mud on sand (3)
21/08/2020	08:17:36	2507	Line	469 933.8	5 909 698.0	-	Mud on sand (3)
21/08/2020	08:17:36	2507	Line	469 933.8	5 909 698.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:17:36	2507	200145_EB_201	469 933.8	5 909 698.0	NW	Down across mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>), over sand to sea

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:17:36	2507	200145_EB_202	469 933.8	5 909 698.0	NE	Along top of mixed (muddy sand, pebbles, cobbles) and sand
21/08/2020	08:17:36	2507	200145_EB_203	469 933.8	5 909 698.0	SE	Up over muddy sand towards seawall
21/08/2020	08:17:36	2507	200145_EB_204	469 933.8	5 909 698.0	SW	Along top of mixed (muddy sand, pebbles, cobbles) and sand/muddy sand
21/08/2020	08:17:36	2507	200145_EB_205	469 933.8	5 909 698.0	Down	Muddy sand
21/08/2020	08:17:36	2507	200145_EB_206	469 933.8	5 909 698.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:19:04	2508	Line	469 929.4	5 909 696.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:10	2509	Line	469 924.8	5 909 693.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:16	2510	Line	469 920.9	5 909 690.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:20	2511	Line	469 919.8	5 909 692.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:26	2512	Line	469 918.2	5 909 696.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:32	2513	Line	469 914.0	5 909 696.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:37	2514	Line	469 911.4	5 909 693.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:42	2515	Line	469 910.6	5 909 695.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:47	2516	Line	469 911.9	5 909 698.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:53	2517	Line	469 912.8	5 909 702.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:19:59	2518	Line	469 917.4	5 909 703.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:20:04	2519	Line	469 916.2	5 909 706.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:20:49	2520	Line	469 917.7	5 909 707.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:20:57	2521	Line	469 924.5	5 909 706.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:21:03	2522	Line	469 927.4	5 909 710.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:21:21	2523	Line	469 932.0	5 909 711.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:21:27	2524	Line	469 934.9	5 909 711.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:21:49	2525	Line	469 948.1	5 909 705.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:21:57	2526	Line	469 942.9	5 909 704.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:22:28	2527	Line	469 940.3	5 909 700.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:22:35	2528	Line	469 933.9	5 909 698.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), sparse ephemeral green (<i>Ulva</i> sp.)
21/08/2020	08:23:15	2529	200145_EB_207	469 928.8	5 909 700.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:24:18	2530	Line	469 919.8	5 909 702.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral green (<i>Ulva</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:24:44	2531	Line	469 921.9	5 909 700.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral green (<i>Ulva</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:24:49	2532	Line	469 921.4	5 909 696.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral green (<i>Ulva</i> sp.), barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:24:56	2533	Line	469 917.1	5 909 697.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral green (<i>Ulva</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:25:04	2534	Line	469 919.4	5 909 704.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral green (<i>Ulva</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:25:34	2535	200145_EB_208	469 920.7	5 909 701.7	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral green (<i>Ulva</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:25:56	2536	200145_EB_209	469 936.3	5 909 705.5	Down0	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:25:56	2536	200145_EB_210	469 936.3	5 909 705.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:27:05	2537	Line	469 949.2	5 909 707.2	-	Muddy sand (2)
21/08/2020	08:27:36	2538	Line	469 952.8	5 909 709.9	-	Muddy sand (2)
21/08/2020	08:27:39	2539	Line	469 952.5	5 909 711.0	-	Muddy sand (2)
21/08/2020	08:27:48	2540	Line	469 958.7	5 909 708.5	-	Muddy sand (2)
21/08/2020	08:27:53	2541	Line	469 959.8	5 909 704.0	-	Muddy sand (2)
21/08/2020	08:27:58	2542	Line	469 960.7	5 909 708.6	-	Muddy sand (2)
21/08/2020	08:28:07	2543	Line	469 965.3	5 909 709.6	-	Muddy sand (2)
21/08/2020	08:28:12	2544	Line	469 967.3	5 909 707.6	-	Muddy sand (2)
21/08/2020	08:28:19	2545	Line	469 968.2	5 909 705.3	-	Muddy sand (2)
21/08/2020	08:28:24	2546	Line	469 971.4	5 909 705.0	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:28:35	2547	Line	469 972.9	5 909 704.2	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:28:35	2547	200145_EB_211	469 972.9	5 909 704.2	Down	Hard consolidated mud (?peat/clay) emergent from muddy sand
21/08/2020	08:28:35	2547	200145_EB_212	469 972.9	5 909 704.2	NW	Down over muddy sand towards sea
21/08/2020	08:28:35	2547	200145_EB_213	469 972.9	5 909 704.2	NE	Across hard consolidated mud (?peat)
21/08/2020	08:28:35	2547	200145_EB_214	469 972.9	5 909 704.2	SE	Up over water flow towards seawall. Sand
21/08/2020	08:28:35	2547	200145_EB_215	469 972.9	5 909 704.2	SW	Along shore towards mixed (muddy sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:29:45	2548	Line	469 975.1	5 909 709.0	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:29:51	2549	Line	469 977.7	5 909 710.6	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:29:57	2550	Line	469 979.3	5 909 711.9	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:30:02	2551	Line	469 982.1	5 909 713.8	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:30:05	2552	Line	469 982.7	5 909 713.5	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:30:09	2553	Line	469 982.9	5 909 714.5	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:30:12	2554	Line	469 983.4	5 909 715.1	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:30:15	2555	Line	469 983.9	5 909 715.8	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:30:15	2555	200145_EB_216	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:30:15	2555	200145_EB_217	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat). ?Piddocks (<i>Bivalvia</i>), bristleworm tubes (<i>Polychaeta</i>)
21/08/2020	08:30:15	2555	200145_EB_218	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat).
21/08/2020	08:30:15	2555	200145_EB_219	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat).
21/08/2020	08:30:15	2555	200145_EB_220	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>), ?piddocks (<i>Bivalvia</i>), bristleworm tubes (<i>Polychaeta</i>)
21/08/2020	08:30:15	2555	200145_EB_221	469 983.9	5 909 715.8	Down	Hole in top of hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:30:15	2555	200145_EB_222	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>), ?piddocks (<i>Bivalvia</i>), bristleworm tubes (<i>Polychaeta</i>), crab (<i>Brachyura</i>)
21/08/2020	08:30:15	2555	200145_EB_223	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat). ?Piddocks (<i>Bivalvia</i>)
21/08/2020	08:30:15	2555	200145_EB_224	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat). ?Piddocks (<i>Bivalvia</i>)
21/08/2020	08:30:15	2555	200145_EB_225	469 983.9	5 909 715.8	Down	Consolidated mud exposures (peat). ?Piddocks (<i>Bivalvia</i>)
21/08/2020	08:30:15	2555	200145_EB_226	469 983.9	5 909 715.8	Down	Hard consolidated mud (?peat fragment)
21/08/2020	08:30:15	2555	200145_EB_227	469 983.9	5 909 715.8	Down	Hard consolidated mud (?peat fragment). Possible bristleworm tubes (? <i>Polydora</i> sp.)
21/08/2020	08:33:36	2556	Line	469 984.9	5 909 717.6	-	Muddy sand (2)/Hard consolidated mud (?peat)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:33:39	2557	Line	469 986.7	5 909 716.4	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:33:44	2558	Line	469 988.4	5 909 718.4	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:33:49	2559	Line	469 990.3	5 909 717.9	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:33:56	2560	Line	469 990.6	5 909 717.5	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:33:56	2560	200145_EB_228	469 990.6	5 909 717.5	NW	Down over mud on sand to sea
21/08/2020	08:33:56	2560	200145_EB_229	469 990.6	5 909 717.5	NE	Across mud on sand to more consolidated mud exposures (peat)
21/08/2020	08:33:56	2560	200145_EB_230	469 990.6	5 909 717.5	SE	Up over water flow to seawall
21/08/2020	08:33:56	2560	200145_EB_231	469 990.6	5 909 717.5	SW	Across consolidated mud exposures (peat) in muddy sand. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:33:56	2560	200145_EB_232	469 990.6	5 909 717.5	Down	Consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>), bristleworm tubes (Polychaeta inc. ? <i>Polydora</i> sp.)
21/08/2020	08:33:56	2560	200145_EB_233	469 990.6	5 909 717.5	Down	Consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>), bristleworm tubes (Polychaeta inc. ? <i>Polydora</i> sp.)
21/08/2020	08:35:33	2561	Line	469 990.6	5 909 716.5	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:35:40	2562	Line	469 988.4	5 909 715.0	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:35:47	2563	Line	469 985.5	5 909 714.4	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:35:53	2564	Line	469 984.6	5 909 714.8	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:36:12	2565	Line	469 985.1	5 909 713.3	-	Muddy sand (2)/Hard consolidated mud (?peat)
21/08/2020	08:37:04	2566	Line	469 983.9	5 909 714.6	-	Hard consolidated mud (?peat)
21/08/2020	08:37:10	2567	Line	469 979.8	5 909 712.3	-	Hard consolidated mud (?peat)
21/08/2020	08:37:13	2568	Line	469 978.9	5 909 711.3	-	Hard consolidated mud (?peat)
21/08/2020	08:37:17	2569	Line	469 977.5	5 909 711.1	-	Hard consolidated mud (?peat)
21/08/2020	08:37:22	2570	Line	469 975.8	5 909 709.0	-	Hard consolidated mud (?peat)
21/08/2020	08:37:30	2571	Line	469 974.3	5 909 708.6	-	Hard consolidated mud (?peat/clay)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:38:03	2572	Line	469 987.1	5 909 713.1	-	?Hard consolidated mud (?peat)
21/08/2020	08:38:35	2573	Line	469 998.1	5 909 715.5	-	?Hard consolidated mud (?peat)
21/08/2020	08:38:42	2574	Line	470 000.3	5 909 716.3	-	Hard consolidated mud (?peat/clay)
21/08/2020	08:38:42	2574	200145_EB_234	470 000.3	5 909 716.3	Down	Hard consolidated mud (?peat/clay)
21/08/2020	08:39:37	2575	Line	470 001.0	5 909 718.5	-	Hard consolidated mud (?peat/clay)
21/08/2020	08:39:41	2576	Line	470 002.5	5 909 719.2	-	Hard consolidated mud (?peat/clay)
21/08/2020	08:39:45	2577	Line	470 002.6	5 909 721.1	-	Hard consolidated mud (?peat/clay)
21/08/2020	08:39:55	2578	Line	470 006.7	5 909 721.0	-	Hard consolidated mud (?peat/clay)
21/08/2020	08:39:55	2578	200145_EB_235	470 006.7	5 909 721.0	NW	Down over incoming tide from hard consolidated mud (?peat)
21/08/2020	08:39:55	2578	200145_EB_236	470 006.7	5 909 721.0	N	Down channel through which tide incoming
21/08/2020	08:39:55	2578	200145_EB_237	470 006.7	5 909 721.0	NE	Along hard consolidated mud (?peat)
21/08/2020	08:39:55	2578	200145_EB_238	470 006.7	5 909 721.0	SE	Up over sand to seawall
21/08/2020	08:39:55	2578	200145_EB_239	470 006.7	5 909 721.0	SW	Along hard consolidated mud (?peat) towards outflow
21/08/2020	08:40:54	2579	Line	470 006.0	5 909 723.0	-	Hard consolidated mud (?peat)
21/08/2020	08:41:07	2580	Line	470 011.9	5 909 726.9	-	Hard consolidated mud (?peat)
21/08/2020	08:41:12	2581	Line	470 010.7	5 909 728.9	-	Hard consolidated mud (?peat)
21/08/2020	08:41:12	2581	200145_EB_240	470 010.7	5 909 728.9	Down	Hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>), bristleworm tubes (? <i>Polydora</i> sp.)
21/08/2020	08:41:52	2582	Line	470 014.3	5 909 726.2	-	Hard consolidated mud (?peat)
21/08/2020	08:41:55	2583	Line	470 013.5	5 909 723.9	-	Hard consolidated mud (?peat)
21/08/2020	08:41:59	2584	Line	470 010.7	5 909 725.5	-	Hard consolidated mud (?peat)
21/08/2020	08:42:03	2585	Line	470 007.7	5 909 724.9	-	Hard consolidated mud (?peat)
21/08/2020	08:42:08	2586	Line	470 005.8	5 909 721.0	-	Hard consolidated mud (?peat)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:42:29	2587	Line	470 020.7	5 909 721.8	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:42:32	2588	Line	470 021.2	5 909 722.8	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:42:37	2589	Line	470 023.2	5 909 723.6	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:42:40	2590	Line	470 025.6	5 909 725.0	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:42:44	2591	Line	470 027.5	5 909 725.7	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:42:55	2592	Line	470 028.9	5 909 726.0	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:42:58	2593	Line	470 029.6	5 909 725.9	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:43:01	2594	Line	470 028.2	5 909 724.0	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:43:06	2595	Line	470 023.7	5 909 723.4	-	Hard consolidated mud (?peat - last bit)
21/08/2020	08:44:28	2596	200145_EB_241	470 035.0	5 909 714.2	Down	Sand
21/08/2020	08:46:47	2597	200145_EB_242	470 047.6	5 909 702.9	Down	Sand
21/08/2020	08:48:00	2598	200145_EB_243	470 023.3	5 909 645.3	Down	Sand
21/08/2020	08:49:23	2599	Line	469 992.4	5 909 589.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:49:49	2600	Line	469 991.9	5 909 588.2	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:49:57	2601	Line	469 997.9	5 909 589.7	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:50:06	2602	Line	470 004.2	5 909 588.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:50:16	2603	Line	470 017.0	5 909 593.7	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:50:24	2604	Line	470 024.2	5 909 595.7	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:50:29	2605	Line	470 028.2	5 909 597.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:50:36	2606	Line	470 032.0	5 909 596.2	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:50:43	2607	Line	470 040.3	5 909 596.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:50:43	2607	Target Note	470 040.3	5 909 596.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), wrack (<i>Fucus ?spiralis</i>) (3 x 1 m area)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:50:43	2607	200145_EB_244	470 040.3	5 909 596.0	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:50:43	2607	200145_EB_245	470 040.3	5 909 596.0	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:50:43	2607	200145_EB_246	470 040.3	5 909 596.0	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:50:43	2607	200145_EB_247	470 040.3	5 909 596.0	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:52:43	2608	Line	470 043.1	5 909 599.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:52:56	2609	Line	470 057.9	5 909 603.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:53:06	2610	Line	470 068.7	5 909 601.6	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:53:16	2611	Line	470 079.7	5 909 601.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:53:26	2612	Line	470 089.7	5 909 607.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:53:37	2613	Line	470 103.1	5 909 609.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:53:46	2614	Line	470 110.8	5 909 615.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:53:58	2615	Line	470 122.8	5 909 620.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:54:12	2616	Line	470 137.3	5 909 623.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:54:20	2617	Line	470 144.1	5 909 629.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:54:26	2618	Line	470 150.1	5 909 627.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:54:39	2619	Line	470 161.9	5 909 634.9	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:54:45	2620	Line	470 162.6	5 909 640.8	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:54:57	2621	Line	470 164.6	5 909 633.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:55:02	2622	Line	470 168.0	5 909 630.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:55:07	2623	Line	470 169.1	5 909 626.7	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:55:14	2624	Line	470 177.2	5 909 633.6	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:55:20	2625	Line	470 182.5	5 909 632.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:55:31	2626	Line	470 190.4	5 909 625.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:55:41	2627	Line	470 183.9	5 909 618.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:55:48	2628	Line	470 175.9	5 909 616.6	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:55:53	2629	Line	470 172.8	5 909 619.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:56:00	2630	Line	470 167.8	5 909 615.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:57:50	2631	200145_EB_248	470 167.0	5 909 619.9	NE	Littoral rock (debris/boulders). Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:58:39	2632	Line	470 164.1	5 909 615.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:59:13	2633	Line	470 163.9	5 909 617.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:59:19	2634	Line	470 157.0	5 909 614.7	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:59:28	2635	Line	470 150.3	5 909 609.8	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	08:59:34	2636	Line	470 146.4	5 909 607.7	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:00:30	2637	200145_EB_249	470 145.8	5 909 619.7	NE	Across top of littoral rock (debris/boulders) towards groyne. Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:00:30	2637	200145_EB_250	470 145.8	5 909 619.7	SE	Up sand to seawall
21/08/2020	09:00:30	2637	200145_EB_251	470 145.8	5 909 619.7	SW	Along top of littoral rock (debris/boulders) towards outflow
21/08/2020	09:00:30	2637	200145_EB_252	470 145.8	5 909 619.7	Down	Littoral rock (debris/boulders) - 2 m x 2 m. Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:00:30	2637	200145_EB_253	470 145.8	5 909 619.7	Down	Littoral rock (debris/boulders) - 2 m x 2 m. Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:00:30	2637	200145_EB_254	470 145.8	5 909 619.7	Down	Littoral rock (debris/boulders) - 2 m x 2 m. Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:00:30	2637	200145_EB_255	470 145.8	5 909 619.7	Down	Littoral rock (debris/boulders) - 2 m x 2 m. Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:00:30	2637	200145_EB_256	470 145.8	5 909 619.7	Down	Littoral rock (debris/boulders) - 2 m x 2 m. Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:00:30	2637	200145_EB_257	470 145.8	5 909 619.7	Down	Littoral rock (debris/boulders) - 2 m x 2 m. Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:01:15	2638	200145_EB_258	470 143.2	5 909 616.8	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:02:09	2639	200145_EB_259	470 142.1	5 909 609.3	Down	Littoral rock (debris/boulders). Ephemeral greens (? <i>Ulva</i> sp.) and reds (? <i>Porphyra</i> sp.)
21/08/2020	09:03:10	2640	Line	470 142.1	5 909 603.6	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:03:16	2641	Line	470 137.8	5 909 600.6	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:03:27	2642	Line	470 126.7	5 909 595.8	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:03:35	2643	Line	470 120.3	5 909 594.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:03:45	2644	Line	470 113.1	5 909 594.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:03:52	2645	Line	470 110.2	5 909 590.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:03:57	2646	Line	470 108.8	5 909 592.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:04:03	2647	Line	470 104.4	5 909 589.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:04:09	2648	Line	470 099.6	5 909 587.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:04:16	2649	Line	470 093.0	5 909 578.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:04:20	2650	Line	470 089.7	5 909 579.8	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:04:25	2651	Line	470 087.5	5 909 575.2	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:04:32	2652	Line	470 083.7	5 909 574.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:04:50	2653	Line	470 064.4	5 909 571.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:04:59	2654	Line	470 064.5	5 909 577.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:05:04	2655	Line	470 060.3	5 909 576.7	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:05:09	2656	Line	470 058.2	5 909 579.6	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:05:09	2656	200145_EB_260	470 058.2	5 909 579.6	NW	Down across littoral rock (boulders) towards sea. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:05:09	2656	200145_EB_261	470 058.2	5 909 579.6	NE	Along top of littoral rock (debris/boulders) towards access. Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:05:09	2656	200145_EB_262	470 058.2	5 909 579.6	SE	Up over sand to seawall
21/08/2020	09:05:09	2656	200145_EB_263	470 058.2	5 909 579.6	SW	Along top of littoral rock (debris/boulders) towards outflow
21/08/2020	09:05:09	2656	200145_EB_264	470 058.2	5 909 579.6	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:05:09	2656	200145_EB_265	470 058.2	5 909 579.6	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:05:09	2656	200145_EB_266	470 058.2	5 909 579.6	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:05:09	2656	Line	470 058.2	5 909 579.6	-	Littoral rock (debris/boulders) - patch. Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:07:09	2657	Line	470 058.0	5 909 580.4	-	Littoral rock (debris/boulders) - patch. Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:07:13	2658	Line	470 060.4	5 909 581.0	-	Littoral rock (debris/boulders) - patch. Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:07:17	2659	Line	470 061.8	5 909 580.4	-	Littoral rock (debris/boulders) - patch. Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:07:22	2660	Line	470 060.1	5 909 578.7	-	Littoral rock (debris/boulders) - patch. Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:08:10	2661	Line	470 056.4	5 909 582.7	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:08:38	2662	Line	470 049.6	5 909 581.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:08:51	2663	Line	470 039.6	5 909 578.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:08:59	2664	Line	470 030.6	5 909 576.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:09:13	2665	Line	470 021.6	5 909 570.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:09:17	2666	Line	470 018.5	5 909 569.2	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:09:27	2667	Line	470 009.0	5 909 565.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:09:31	2668	Line	470 005.3	5 909 564.8	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:09:39	2669	Line	469 998.3	5 909 560.2	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:09:47	2670	Line	469 988.9	5 909 554.9	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:09:52	2671	Line	469 986.1	5 909 555.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:09:57	2672	Line	469 985.7	5 909 553.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:10:01	2673	Line	469 983.4	5 909 549.9	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:10:07	2674	Line	469 977.5	5 909 543.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:10:15	2675	Line	469 973.0	5 909 547.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:10:23	2676	Line	469 965.9	5 909 542.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:10:28	2677	Line	469 962.3	5 909 543.5	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:10:33	2678	Line	469 960.6	5 909 547.2	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:10:44	2679	Line	469 958.7	5 909 557.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:11:05	2680	Line	469 968.9	5 909 564.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:11:10	2681	Line	469 972.4	5 909 565.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:11:20	2682	Line	469 980.2	5 909 566.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:11:25	2683	Line	469 982.0	5 909 569.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:11:31	2684	Line	469 984.6	5 909 577.0	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:11:38	2685	Line	469 990.0	5 909 577.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:13:04	2686	Line	469 988.9	5 909 572.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:13:04	2686	200145_EB_267	469 988.9	5 909 572.1	S	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:13:04	2686	200145_EB_268	469 988.9	5 909 572.1	S	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:13:04	2686	200145_EB_269	469 988.9	5 909 572.1	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:13:04	2686	200145_EB_270	469 988.9	5 909 572.1	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:13:44	2687	Line	469 990.4	5 909 568.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:13:50	2688	Line	469 985.5	5 909 568.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:13:56	2689	Line	469 982.2	5 909 569.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:13:59	2690	Line	469 983.3	5 909 569.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:14:04	2691	Line	469 986.3	5 909 570.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:15:05	2692	Line	469 980.9	5 909 565.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals - 75 cm strip

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:15:05	2692	200145_EB_271	469 980.9	5 909 565.3	S	Along littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip
21/08/2020	09:15:05	2692	200145_EB_272	469 980.9	5 909 565.3	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	09:15:05	2692	200145_EB_273	469 980.9	5 909 565.3	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	09:15:25	2693	Line	469 974.3	5 909 564.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip
21/08/2020	09:15:28	2694	Line	469 974.9	5 909 562.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip
21/08/2020	09:15:33	2695	Line	469 972.9	5 909 561.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip
21/08/2020	09:15:36	2696	Line	469 972.2	5 909 561.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip
21/08/2020	09:15:41	2697	Line	469 969.7	5 909 560.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip
21/08/2020	09:15:45	2698	Line	469 970.1	5 909 558.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip
21/08/2020	09:15:51	2699	Line	469 967.0	5 909 557.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip
21/08/2020	09:15:51	2699	200145_EB_274	469 967.0	5 909 557.2	NE	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals - 75 cm strip (with barnacles (<i>Semibalanus balanoides</i>))
21/08/2020	09:17:59	2700	Line	469 967.6	5 909 561.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals (3)
21/08/2020	09:18:02	2701	Line	469 966.1	5 909 560.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals (3)
21/08/2020	09:18:09	2702	Line	469 961.6	5 909 556.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals (3)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:18:15	2703	Line	469 959.0	5 909 557.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals (3)
21/08/2020	09:18:48	2704	200145_EB_275	469 962.8	5 909 562.9	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals (3)
21/08/2020	09:18:48	2704	Field Note	469 962.8	5 909 562.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:19:59	2705	Field Note	469 967.6	5 909 553.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:19:59	2705	200145_EB_276	469 967.6	5 909 553.6	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:19:59	2705	200145_EB_277	469 967.6	5 909 553.6	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:19:59	2705	200145_EB_278	469 967.6	5 909 553.6	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:21:10	2706	Field Note	469 973.2	5 909 553.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	09:21:10	2706	200145_EB_279	469 973.2	5 909 553.8	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	09:21:10	2706	200145_EB_280	469 973.2	5 909 553.8	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:22:39	2707	Line	469 974.2	5 909 550.0	-	Littoral rock (debris/boulders). Ephemeral greens (<i>?Ulva</i> sp.) and reds (<i>?Porphyra</i> sp.) - southern edge
21/08/2020	09:22:39	2707	200145_EB_281	469 974.2	5 909 550.0	Down	Littoral rock (debris/boulders). Ephemeral greens (<i>?Ulva</i> sp.) and reds (<i>?Porphyra</i> sp.)
21/08/2020	09:22:39	2707	200145_EB_282	469 974.2	5 909 550.0	Down	Littoral rock (debris/boulders). Ephemeral greens (<i>?Ulva</i> sp.) and reds (<i>?Porphyra</i> sp.)
21/08/2020	09:24:48	2708	Line	469 975.3	5 909 561.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:25:14	2709	Line	469 974.1	5 909 557.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:25:23	2710	Line	469 972.3	5 909 556.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:25:27	2711	Line	469 973.0	5 909 555.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:25:31	2712	Line	469 975.0	5 909 554.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:25:36	2713	Line	469 977.2	5 909 557.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:25:42	2714	Line	469 981.4	5 909 559.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:25:48	2715	Line	469 985.5	5 909 560.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:25:52	2716	Line	469 986.4	5 909 558.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:03	2717	Line	469 996.0	5 909 561.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:12	2718	Line	470 004.1	5 909 564.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:18	2719	Line	470 007.1	5 909 568.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:22	2720	Line	470 009.5	5 909 569.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:28	2721	Line	470 014.2	5 909 571.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:33	2722	Line	470 016.8	5 909 572.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:38	2723	Line	470 017.8	5 909 569.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:43	2724	Line	470 020.6	5 909 570.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:47	2725	Line	470 022.6	5 909 572.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:26:51	2726	Line	470 025.8	5 909 573.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:27:00	2727	Line	470 032.2	5 909 577.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:27:09	2728	Line	470 038.0	5 909 578.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:27:14	2729	Line	470 038.1	5 909 581.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:27:21	2730	Line	470 043.1	5 909 584.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:27:28	2731	Line	470 044.5	5 909 585.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:27:33	2732	Line	470 046.7	5 909 586.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:27:38	2733	Line	470 046.3	5 909 588.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:27:44	2734	Line	470 043.4	5 909 587.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:27:59	2735	Line	470 034.3	5 909 587.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:28:07	2736	Line	470 030.0	5 909 585.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:28:16	2737	Line	470 023.2	5 909 582.5	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:28:33	2738	Line	470 008.4	5 909 579.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:28:41	2739	Line	470 004.5	5 909 579.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:28:45	2740	Line	470 002.9	5 909 578.5	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:28:48	2741	Line	470 004.7	5 909 580.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:28:53	2742	Line	470 007.3	5 909 581.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:28:59	2743	Line	470 009.9	5 909 580.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:29:14	2744	Line	470 019.9	5 909 585.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:29:20	2745	Line	470 023.3	5 909 583.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:29:28	2746	Line	470 030.6	5 909 586.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:29:37	2747	Line	470 034.8	5 909 589.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:29:41	2748	Line	470 036.2	5 909 588.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:29:50	2749	Line	470 042.8	5 909 588.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:29:55	2750	Line	470 044.3	5 909 590.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:30:00	2751	Line	470 044.9	5 909 592.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:30:10	2752	Line	470 049.5	5 909 593.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:30:10	2752	200145_EB_283	470 049.5	5 909 593.8	NW	Down over littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) towards sea

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:30:10	2752	200145_EB_284	470 049.5	5 909 593.8	NE	Along bottom of littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:30:10	2752	200145_EB_285	470 049.5	5 909 593.8	SE	Up over littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - small patch of ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	09:30:10	2752	200145_EB_286	470 049.5	5 909 593.8	SW	Along bottom of littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:30:10	2752	200145_EB_287	470 049.5	5 909 593.8	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:30:10	2752	200145_EB_288	470 049.5	5 909 593.8	S	Up over littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - small patch of ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	09:31:58	2753	Line	470 043.7	5 909 600.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:06	2754	Line	470 041.1	5 909 598.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:11	2755	Line	470 039.0	5 909 596.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:16	2756	Line	470 038.6	5 909 597.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:19	2757	Line	470 039.8	5 909 598.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:27	2758	Line	470 044.2	5 909 599.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:33	2759	Line	470 048.2	5 909 599.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:38	2760	Line	470 049.8	5 909 599.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:43	2761	Line	470 054.4	5 909 598.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:48	2762	Line	470 056.7	5 909 598.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:56	2763	Line	470 059.0	5 909 595.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:56	2763	Field Note	470 059.0	5 909 595.7	-	Edge of wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:32:56	2763	200145_EB_289	470 059.0	5 909 595.7	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:32:56	2763	200145_EB_290	470 059.0	5 909 595.7	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus</i> sp.), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:33:53	2764	Field Note	470 059.6	5 909 593.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:33:59	2765	Field Note	470 058.2	5 909 591.2	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:34:08	2766	Field Note	470 063.9	5 909 592.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:34:12	2767	Field Note	470 064.8	5 909 591.8	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:34:17	2768	Field Note	470 063.1	5 909 588.6	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:34:22	2769	Field Note	470 063.5	5 909 585.9	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:34:25	2770	Field Note	470 063.5	5 909 586.1	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:34:30	2771	Field Note	470 062.3	5 909 589.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:34:38	2772	Field Note	470 057.8	5 909 591.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:34:45	2773	Field Note	470 054.6	5 909 590.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:35:12	2774	Line	470 055.1	5 909 590.8	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:35:12	2774	Target Note	470 055.1	5 909 590.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (? <i>Ulva</i> sp.) - 2 x 2 m patch
21/08/2020	09:35:12	2774	200145_EB_291	470 055.1	5 909 590.8	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (? <i>Ulva</i> sp.) - 2 x 2 m patch
21/08/2020	09:36:23	2775	Line	470 051.5	5 909 587.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:36:29	2776	Line	470 050.1	5 909 589.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:36:36	2777	Line	470 047.5	5 909 590.5	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:36:42	2778	Line	470 046.1	5 909 584.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:36:46	2779	Line	470 044.3	5 909 583.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:36:53	2780	Line	470 048.2	5 909 581.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:36:59	2781	Line	470 051.2	5 909 580.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:36:59	2781	Field Note	470 051.2	5 909 580.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus ?spiralis</i>) - meets sand
21/08/2020	09:38:16	2782	Target Note	470 047.7	5 909 564.2	-	Littoral rock (small boulder surrounded by sand). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:38:16	2782	200145_EB_292	470 047.7	5 909 564.2	Down	Littoral rock (small boulder surrounded by sand). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:39:07	2783	Target Note	470 038.7	5 909 563.3	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>) - surrounded by sand
21/08/2020	09:39:07	2783	200145_EB_293	470 038.7	5 909 563.3	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>) - surrounded by sand
21/08/2020	09:39:07	2783	200145_EB_294	470 038.7	5 909 563.3	Down0	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>) - surrounded by sand
21/08/2020	09:39:07	2783	200145_EB_295	470 038.7	5 909 563.3	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>) - surrounded by sand
21/08/2020	09:39:07	2783	200145_EB_296	470 038.7	5 909 563.3	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>) - surrounded by sand
21/08/2020	09:43:02	2784	Line	470 033.8	5 909 562.8	-	Littoral rock (small area). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - surrounded by sand
21/08/2020	09:43:02	2784	200145_EB_297	470 033.8	5 909 562.8	SE	Littoral rock (small area). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - surrounded by sand
21/08/2020	09:43:25	2785	Line	470 031.5	5 909 554.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:43:29	2786	Line	470 030.0	5 909 554.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:43:34	2787	Line	470 025.8	5 909 552.5	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:43:42	2788	Line	470 022.9	5 909 548.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:43:45	2789	Line	470 022.8	5 909 547.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:43:49	2790	Line	470 025.0	5 909 546.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:43:53	2791	Line	470 026.0	5 909 544.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:43:58	2792	Line	470 027.4	5 909 543.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:07	2793	Line	470 029.5	5 909 543.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:11	2794	Line	470 031.0	5 909 544.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:15	2795	Line	470 031.5	5 909 545.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:18	2796	Line	470 032.0	5 909 545.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:24	2797	Line	470 033.1	5 909 546.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:26	2798	Line	470 033.0	5 909 546.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:31	2799	Line	470 034.2	5 909 546.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:33	2800	Line	470 034.9	5 909 545.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:40	2801	Line	470 036.8	5 909 544.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:43	2802	Line	470 036.9	5 909 544.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:46	2803	Line	470 038.2	5 909 545.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:52	2804	Line	470 038.5	5 909 544.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:56	2805	Line	470 039.6	5 909 545.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:44:59	2806	Line	470 039.9	5 909 545.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:02	2807	Line	470 040.0	5 909 544.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:12	2808	Line	470 040.0	5 909 546.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:16	2809	Line	470 040.5	5 909 546.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:22	2810	Line	470 044.0	5 909 545.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:28	2811	Line	470 041.9	5 909 544.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:30	2812	Line	470 041.8	5 909 544.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:34	2813	Line	470 043.0	5 909 543.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:40	2814	Line	470 045.6	5 909 543.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:45:43	2815	Line	470 045.6	5 909 542.0	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:46	2816	Line	470 047.4	5 909 542.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:48	2817	Line	470 048.1	5 909 542.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:53	2818	Line	470 045.8	5 909 543.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:45:58	2819	Line	470 044.1	5 909 545.2	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:03	2820	Line	470 046.4	5 909 545.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:07	2821	Line	470 048.2	5 909 544.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:10	2822	Line	470 049.1	5 909 545.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:14	2823	Line	470 049.8	5 909 547.8	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:20	2824	Line	470 045.7	5 909 549.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:27	2825	Line	470 045.9	5 909 554.4	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:31	2826	Line	470 043.7	5 909 554.5	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:35	2827	Line	470 042.1	5 909 550.9	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:40	2828	Line	470 039.1	5 909 552.1	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:43	2829	Line	470 038.9	5 909 553.7	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:47	2830	Line	470 040.4	5 909 556.3	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:46:51	2831	Line	470 040.2	5 909 558.5	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:47:51	2832	Line	470 038.7	5 909 553.6	-	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:47:51	2832	200145_EB_298	470 038.7	5 909 553.6	Down	Littoral rock (debris/boulders). Wrack (<i>Fucus spiralis</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	09:49:30	2833	Line	470 028.6	5 909 543.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:49:35	2834	Line	470 030.2	5 909 541.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:49:39	2835	Line	470 029.8	5 909 539.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:49:43	2836	Line	470 031.6	5 909 537.4	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:49:49	2837	Line	470 035.8	5 909 536.4	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:49:53	2838	Line	470 037.6	5 909 536.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:49:59	2839	Line	470 043.0	5 909 535.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:50:08	2840	Line	470 049.0	5 909 540.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:50:14	2841	Line	470 050.2	5 909 542.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:50:18	2842	Line	470 049.1	5 909 544.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:50:22	2843	Line	470 047.8	5 909 545.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.) - above <i>Fucus ?spiralis</i> area
21/08/2020	09:51:00	2844	Line	470 054.9	5 909 539.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:05	2845	Line	470 057.8	5 909 540.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:12	2846	Line	470 062.3	5 909 544.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:16	2847	Line	470 065.0	5 909 544.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:21	2848	Line	470 068.0	5 909 543.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:24	2849	Line	470 069.3	5 909 544.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:28	2850	Line	470 071.8	5 909 544.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:33	2851	Line	470 074.6	5 909 546.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:51:36	2852	Line	470 076.0	5 909 544.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:42	2853	Line	470 079.3	5 909 545.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:46	2854	Line	470 080.2	5 909 543.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:49	2855	Line	470 082.6	5 909 544.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:53	2856	Line	470 083.9	5 909 543.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:58	2857	Line	470 085.6	5 909 544.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:05	2858	Line	470 091.4	5 909 547.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:10	2859	Line	470 094.4	5 909 549.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:15	2860	Line	470 097.9	5 909 549.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:19	2861	Line	470 098.9	5 909 550.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:23	2862	Line	470 100.8	5 909 551.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:27	2863	Line	470 102.3	5 909 550.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:36	2864	Line	470 105.9	5 909 550.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:42	2865	Line	470 105.9	5 909 552.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:51	2866	Line	470 111.9	5 909 554.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:56	2867	Line	470 115.3	5 909 554.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:08	2868	Line	470 113.6	5 909 550.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:12	2869	Line	470 110.6	5 909 549.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:16	2870	Line	470 109.4	5 909 547.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:21	2871	Line	470 106.4	5 909 546.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:25	2872	Line	470 105.5	5 909 544.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:30	2873	Line	470 103.1	5 909 545.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:34	2874	Line	470 101.3	5 909 543.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:53:38	2875	Line	470 099.5	5 909 542.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:43	2876	Line	470 096.5	5 909 541.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:46	2877	Line	470 095.5	5 909 539.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:54	2878	Line	470 087.2	5 909 536.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:00	2879	Line	470 084.2	5 909 537.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:05	2880	Line	470 080.8	5 909 537.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:12	2881	Line	470 076.9	5 909 535.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:18	2882	Line	470 073.3	5 909 534.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:24	2883	Line	470 069.9	5 909 535.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:30	2884	Line	470 066.4	5 909 534.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:44	2885	Line	470 062.3	5 909 535.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:51	2886	Line	470 059.4	5 909 537.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:54:57	2887	Line	470 056.3	5 909 537.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:55:15	2888	Line	470 051.0	5 909 533.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:55:24	2889	Line	470 046.8	5 909 536.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:55:24	2889	200145_EB_299	470 046.8	5 909 536.2	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	09:56:22	2890	Line	470 046.4	5 909 549.5	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:56:55	2891	Line	470 053.2	5 909 550.7	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:56:59	2892	Line	470 056.2	5 909 548.6	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:57:15	2893	Line	470 083.9	5 909 557.3	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:57:25	2894	Line	470 089.0	5 909 556.4	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:57:32	2895	Line	470 096.0	5 909 556.1	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:57:36	2896	Line	470 098.9	5 909 556.8	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:57:43	2897	Line	470 107.0	5 909 564.6	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:57:47	2898	Line	470 110.1	5 909 564.3	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:57:58	2899	Line	470 119.3	5 909 567.3	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:58:05	2900	Line	470 131.8	5 909 571.3	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:58:12	2901	Line	470 133.7	5 909 577.0	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:58:21	2902	Line	470 140.2	5 909 578.2	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:58:21	2902	200145_EB_300	470 140.2	5 909 578.2	SE	Mixed (muddy sand, pebbles, cobbles, boulders). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>). Ephemeral greens (<i>Ulva</i> sp.) towards seawall
21/08/2020	09:58:21	2902	Field Note	470 140.2	5 909 578.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral ?greens (<i>Ulva</i> sp.). to seawall
21/08/2020	09:59:12	2903	Line	470 157.2	5 909 588.5	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:59:21	2904	Line	470 169.9	5 909 592.0	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:59:26	2905	Line	470 172.4	5 909 589.7	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:59:30	2906	Line	470 173.4	5 909 588.6	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:59:36	2907	Line	470 174.9	5 909 584.1	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:59:45	2908	Line	470 184.5	5 909 587.2	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:59:50	2909	Line	470 186.1	5 909 588.1	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	09:59:50	2909	200145_EB_301	470 186.1	5 909 588.1	SE	Anthropogenic debris (wooden ?fence pole)
21/08/2020	09:59:50	2909	Target Note	470 186.1	5 909 588.1	-	Anthropogenic debris (wooden ?fence pole)
21/08/2020	10:00:32	2910	Line	470 221.6	5 909 595.5	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:00:40	2911	Line	470 230.4	5 909 599.5	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:00:44	2912	Line	470 228.4	5 909 599.9	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	10:00:49	2913	Line	470 230.4	5 909 600.9	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:01:12	2914	Line	470 257.6	5 909 609.1	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:01:20	2915	Line	470 269.5	5 909 611.7	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:01:25	2916	Line	470 268.9	5 909 609.5	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:01:37	2917	Line	470 259.6	5 909 604.6	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:01:49	2918	Line	470 246.7	5 909 597.9	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:01:49	2918	Field Note	470 246.7	5 909 597.9	-	Coarse (sand, pebbles) - deposited by waves
21/08/2020	10:01:57	2919	Line	470 251.4	5 909 592.8	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:01:57	2919	Field Note	470 251.4	5 909 592.8	-	Coarse (sand, pebbles) - deposited by waves
21/08/2020	10:01:57	2919	200145_EB_302	470 251.4	5 909 592.8	NW	Down over coarse (sand, pebbles) - deposited by waves
21/08/2020	10:03:13	2920	Line	470 245.4	5 909 599.9	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:03:29	2921	Line	470 232.2	5 909 592.6	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:03:37	2922	Line	470 228.3	5 909 593.9	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:03:49	2923	Line	470 217.4	5 909 586.1	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:04:11	2924	Line	470 188.5	5 909 574.5	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:04:47	2925	Line	470 153.0	5 909 560.0	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:05:11	2926	Line	470 127.4	5 909 549.3	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:05:17	2927	Line	470 121.7	5 909 545.3	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:05:25	2928	Line	470 114.8	5 909 547.6	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:05:45	2929	Line	470 091.4	5 909 536.3	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:06:06	2930	Line	470 063.7	5 909 526.6	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below
21/08/2020	10:06:13	2931	Line	470 053.9	5 909 523.1	-	Mixed (muddy sand, pebbles, cobbles, boulders) - sand below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	10:06:13	2931	Field Note	470 053.9	5 909 523.1	-	Top of mixed muddy (sand, pebbles, cobbles, boulders)/Bottom of strandline/Start of hard consolidated mud (?clay) strip
21/08/2020	10:06:13	2931	200145_EB_303	470 053.9	5 909 523.1	NW	Over mixed (muddy sand, pebbles, cobbles, boulders). Infrequent barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), to sand
21/08/2020	10:06:13	2931	200145_EB_304	470 053.9	5 909 523.1	NE	Mixed (muddy sand, pebbles, cobbles, boulders)/coarse (sand, occasional pebbles) - deposited by wave action boundary
21/08/2020	10:06:13	2931	200145_EB_305	470 053.9	5 909 523.1	SE	Across coarse (sand, occasional pebbles) - deposited by wave action. to seawall
21/08/2020	10:06:13	2931	200145_EB_306	470 053.9	5 909 523.1	SW	Along band of hard consolidated mud (?clay) towards outfall
21/08/2020	10:06:13	2931	200145_EB_307	470 053.9	5 909 523.1	Down	Hard consolidated mud (?clay)
21/08/2020	10:06:13	2931	200145_EB_308	470 053.9	5 909 523.1	Down	Sand with occasional pebbles (coarse)
21/08/2020	10:06:13	2931	200145_EB_309	470 053.9	5 909 523.1	Down	Mixed (muddy sand, pebbles, cobbles, boulders)
21/08/2020	10:09:22	2932	Line	470 054.9	5 909 522.9	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:09:28	2933	Line	470 050.3	5 909 523.0	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:09:34	2934	Line	470 045.1	5 909 522.5	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:09:38	2935	Line	470 041.9	5 909 522.4	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:09:45	2936	Line	470 038.4	5 909 520.9	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:09:59	2937	Line	470 034.7	5 909 520.9	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:10:04	2938	Line	470 032.3	5 909 521.5	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:10:09	2939	Line	470 028.1	5 909 521.0	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	10:10:14	2940	Line	470 025.3	5 909 519.8	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:10:22	2941	Line	470 018.5	5 909 516.7	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:10:29	2942	Line	470 014.4	5 909 515.1	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:11:30	2943	Line	470 007.9	5 909 511.1	-	Mixed (muddy sand, pebbles, cobbles, boulders)
21/08/2020	10:11:41	2944	Line	470 004.3	5 909 510.9	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:12:24	2945	Line	470 002.7	5 909 512.1	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:13:00	2946	Line	470 003.4	5 909 509.1	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:13:03	2947	Line	470 001.9	5 909 507.9	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:13:08	2948	Line	469 998.3	5 909 508.0	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:13:11	2949	Line	469 997.1	5 909 508.4	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:13:22	2950	Line	469 989.0	5 909 505.4	-	Hard consolidated mud (?clay - 1 m strip above)/Mixed (muddy sand, pebbles, cobbles) below
21/08/2020	10:14:28	2951	Line	469 984.2	5 909 497.4	-	Mixed (muddy sand, pebbles, cobbles, boulders)
21/08/2020	10:16:06	2952	200145_EB_310	470 034.9	5 909 520.2	-	Sand with occasional pebbles (coarse)
21/08/2020	10:16:42	2953	200145_EB_311	470 055.6	5 909 524.3	Down	Sand with occasional pebbles (coarse)
21/08/2020	10:19:21	2954	200145_EB_312	470 137.4	5 909 551.3	Down	Sand with occasional pebbles (coarse)
21/08/2020	15:35:45	2955	200145_EB_313	470 337.1	5 909 630.1	NW	From bottom of seawall down shore, over coarse (pebbles, cobbles) to sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	15:35:45	2955	200145_EB_314	470 337.1	5 909 630.1	NE	Along anthropogenic hard substratum (tarmac)
21/08/2020	15:35:45	2955	200145_EB_315	470 337.1	5 909 630.1	SE	Up seawall
21/08/2020	15:35:45	2955	200145_EB_316	470 337.1	5 909 630.1	SW	Along bottom of seawall (steps) towards outfall
21/08/2020	15:35:45	2955	200145_EB_317	470 337.1	5 909 630.1	Down	Anthropogenic - Cement
21/08/2020	15:35:45	2955	Line	470 337.1	5 909 630.1	-	Anthropogenic
21/08/2020	15:39:02	2956	Line	470 336.4	5 909 636.7	-	Anthropogenic
21/08/2020	15:39:07	2957	Line	470 338.0	5 909 636.2	-	Anthropogenic
21/08/2020	15:39:30	2958	Line	470 342.0	5 909 639.6	-	Anthropogenic
21/08/2020	15:39:35	2959	Line	470 341.0	5 909 641.6	-	Anthropogenic
21/08/2020	15:39:43	2960	Line	470 345.9	5 909 647.0	-	Anthropogenic
21/08/2020	15:39:50	2961	Line	470 350.3	5 909 651.2	-	Anthropogenic
21/08/2020	15:39:58	2962	Line	470 354.2	5 909 654.0	-	Anthropogenic
21/08/2020	15:40:25	2963	Line	470 365.8	5 909 658.8	-	Anthropogenic
21/08/2020	15:40:36	2964	Line	470 375.9	5 909 663.8	-	Anthropogenic
21/08/2020	15:40:36	2964	200145_EB_318	470 375.9	5 909 663.8	Down	Anthropogenic - tarmac
21/08/2020	15:41:51	2965	200145_EB_319	470 374.1	5 909 665.9	NW	Down over sand to sea
21/08/2020	15:41:51	2965	200145_EB_320	470 374.1	5 909 665.9	NE	Along bottom of anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:41:51	2965	200145_EB_321	470 374.1	5 909 665.9	SE	Up over anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:41:51	2965	200145_EB_322	470 374.1	5 909 665.9	SW	Along bottom of anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:41:51	2965	200145_EB_323	470 374.1	5 909 665.9	Down	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:41:51	2965	Line	470 374.1	5 909 665.9	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:42:37	2966	Line	470 373.0	5 909 663.4	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:42:43	2967	Line	470 367.6	5 909 662.5	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	15:42:53	2968	Line	470 359.7	5 909 658.8	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:45:12	2969	Line	470 355.8	5 909 655.6	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:45:20	2970	Line	470 351.2	5 909 651.2	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:45:25	2971	Line	470 347.8	5 909 650.1	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:45:32	2972	Line	470 345.9	5 909 648.3	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:45:50	2973	Line	470 345.6	5 909 647.6	-	Anthropogenic. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	15:47:15	2974	200145_EB_324	470 277.4	5 909 622.9	Down	Sand
21/08/2020	15:49:01	2975	200145_EB_325	470 201.1	5 909 597.8	Down	Sand
21/08/2020	15:50:41	2976	200145_EB_326	470 167.3	5 909 566.8	NW	Down over mixed (muddy sand, pebbles, cobbles, boulders) towards sea. Infrequent barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	15:50:41	2976	200145_EB_327	470 167.3	5 909 566.8	NE	Along mixed (muddy sand, pebbles, cobbles, boulders) towards sea. Infrequent barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>) towards access
21/08/2020	15:50:41	2976	200145_EB_328	470 167.3	5 909 566.8	SE	Up over mixed (muddy sand, pebbles, cobbles, boulders) towards sea. Infrequent barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>) towards narrow band of coarse (sand with occasional pebbles)
21/08/2020	15:50:41	2976	200145_EB_329	470 167.3	5 909 566.8	SW	Along mixed (muddy sand, pebbles, cobbles and boulders) towards outflow. Ephemeral greens (? <i>Ulva</i> sp.)
21/08/2020	15:50:41	2976	200145_EB_330	470 167.3	5 909 566.8	Down	Mixed (muddy sand, pebbles, cobbles and boulders). Ephemeral greens (? <i>Ulva</i> sp.)
21/08/2020	15:50:41	2976	Line	470 167.3	5 909 566.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:51:32	2977	Line	470 163.9	5 909 567.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:51:37	2978	Line	470 162.2	5 909 566.4	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:51:42	2979	Line	470 160.1	5 909 564.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	15:51:46	2980	Line	470 158.4	5 909 565.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:51:52	2981	Line	470 155.3	5 909 563.0	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:51:56	2982	Line	470 153.4	5 909 563.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:00	2983	Line	470 154.1	5 909 564.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:04	2984	Line	470 151.4	5 909 562.4	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:10	2985	Line	470 147.8	5 909 562.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:14	2986	Line	470 146.4	5 909 563.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:18	2987	Line	470 145.6	5 909 564.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:24	2988	Line	470 143.1	5 909 560.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:30	2989	Line	470 139.5	5 909 558.4	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:36	2990	Line	470 137.1	5 909 560.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:40	2991	Line	470 136.1	5 909 558.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:44	2992	Line	470 134.7	5 909 560.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:48	2993	Line	470 133.3	5 909 559.0	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	15:52:52	2994	Line	470 131.7	5 909 559.0	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:52:58	2995	Line	470 128.7	5 909 556.7	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:02	2996	Line	470 126.2	5 909 555.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:08	2997	Line	470 123.9	5 909 554.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:15	2998	Line	470 123.2	5 909 552.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:19	2999	Line	470 121.0	5 909 551.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:25	3000	Line	470 116.9	5 909 550.7	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:29	3001	Line	470 118.9	5 909 552.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:33	3002	Line	470 120.7	5 909 553.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:37	3003	Line	470 122.1	5 909 554.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:41	3004	Line	470 123.5	5 909 555.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:45	3005	Line	470 124.9	5 909 557.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:50	3006	Line	470 127.4	5 909 560.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:53:54	3007	Line	470 128.5	5 909 558.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	15:53:57	3008	Line	470 129.4	5 909 559.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:54:02	3009	Line	470 129.2	5 909 562.4	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:54:05	3010	Line	470 129.8	5 909 563.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:54:09	3011	Line	470 131.8	5 909 563.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:54:14	3012	Line	470 132.8	5 909 561.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:54:17	3013	Line	470 134.6	5 909 560.7	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:54:22	3014	Line	470 136.7	5 909 561.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:54:28	3015	Line	470 134.4	5 909 564.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:54:58	3016	Line	470 135.8	5 909 565.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:03	3017	Line	470 137.5	5 909 570.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:07	3018	Line	470 138.9	5 909 572.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:11	3019	Line	470 140.4	5 909 573.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:14	3020	Line	470 141.0	5 909 572.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:19	3021	Line	470 142.8	5 909 574.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	15:55:24	3022	Line	470 145.3	5 909 575.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:29	3023	Line	470 149.4	5 909 573.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:34	3024	Line	470 151.7	5 909 574.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:41	3025	Line	470 154.9	5 909 572.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:47	3026	Line	470 156.8	5 909 575.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:55:55	3027	Line	470 162.5	5 909 574.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:56:01	3028	Line	470 166.3	5 909 575.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:56:09	3029	Line	470 172.1	5 909 576.4	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:56:15	3030	Line	470 173.3	5 909 573.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:56:20	3031	Line	470 174.3	5 909 572.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:56:26	3032	Line	470 169.3	5 909 572.3	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:56:30	3033	Line	470 167.0	5 909 571.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:56:37	3034	Line	470 166.2	5 909 568.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Ephemeral greens (? <i>Ulva</i> sp.), infrequent barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	15:59:27	3035	200145_EB_331	470 017.2	5 909 549.3	Down	Sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:00:26	3036	200145_EB_332	470 002.7	5 909 531.7	Down	Mixed (muddy sand, pebbles, cobbles, boulders). Infrequent barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (? <i>Ulva</i> sp.)
21/08/2020	16:01:48	3037	200145_EB_333	470 000.3	5 909 524.3	Down	Hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:25	3038	Line	470 005.0	5 909 524.7	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:29	3039	Line	470 002.6	5 909 525.4	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:33	3040	Line	470 001.2	5 909 524.4	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:37	3041	Line	469 999.8	5 909 525.4	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:41	3042	Line	469 997.3	5 909 523.6	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:45	3043	Line	469 996.1	5 909 521.6	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:50	3044	Line	469 995.5	5 909 519.2	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:53	3045	Line	469 994.4	5 909 520.4	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:02:57	3046	Line	469 995.5	5 909 523.1	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:01	3047	Line	469 994.6	5 909 524.4	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:04	3048	Line	469 993.9	5 909 523.4	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:08	3049	Line	469 991.5	5 909 521.3	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:03:13	3050	Line	469 992.9	5 909 524.3	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:17	3051	Line	469 991.5	5 909 525.2	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:22	3052	Line	469 987.9	5 909 524.0	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:25	3053	Line	469 985.9	5 909 523.6	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:29	3054	Line	469 984.7	5 909 523.8	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:34	3055	Line	469 982.0	5 909 524.9	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:38	3056	Line	469 980.6	5 909 526.1	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:43	3057	Line	469 979.2	5 909 528.2	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:48	3058	Line	469 981.0	5 909 530.7	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:53	3059	Line	469 983.3	5 909 527.7	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:03:58	3060	Line	469 985.8	5 909 528.9	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:06	3061	Line	469 989.5	5 909 531.2	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:11	3062	Line	469 990.5	5 909 528.7	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:16	3063	Line	469 992.6	5 909 528.9	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:04:20	3064	Line	469 992.2	5 909 532.0	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:25	3065	Line	469 994.3	5 909 535.1	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:29	3066	Line	469 996.9	5 909 534.7	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:34	3067	Line	469 999.6	5 909 534.5	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:37	3068	Line	469 999.0	5 909 531.8	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:41	3069	Line	469 997.0	5 909 531.1	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:51	3070	Line	469 996.0	5 909 526.9	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:04:58	3071	Line	470 000.9	5 909 527.6	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:05:04	3072	Line	470 007.3	5 909 527.3	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:05:08	3073	Line	470 008.5	5 909 525.7	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:05:15	3074	Line	470 001.9	5 909 526.6	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:05:21	3075	Line	469 998.4	5 909 527.1	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:05:26	3076	Line	469 995.3	5 909 527.2	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:05:32	3077	Line	469 999.3	5 909 526.4	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:05:37	3078	Line	470 002.7	5 909 526.0	-	Hard consolidated mud (?peat)/Mixed (muddy sand, pebbles, cobbles, boulders) boundary. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:06:53	3079	200145_EB_334	469 992.6	5 909 522.8	Down	Mixed (muddy sand, pebbles, cobbles, boulders. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:07:37	3080	200145_EB_335	469 980.8	5 909 521.1	Down	Mixed (consolidated mud (peat), pebbles, cobbles). Barnacle (<i>Sessilia</i>) scars
21/08/2020	16:08:21	3081	200145_EB_336	469 973.4	5 909 523.5	Down	Mixed (consolidated mud (peat, clay), pebbles, cobbles). Barnacle (<i>Sessilia</i>) scars and recruitment
21/08/2020	16:09:27	3082	200145_EB_337	469 969.4	5 909 526.5	Down	Mixed (consolidated mud (clay), pebbles, cobbles). Barnacle (<i>Sessilia</i>) scars
21/08/2020	16:11:35	3083	200145_EB_338	469 963.9	5 909 517.2	Down	Mixed (consolidated mud, sand, pebbles, cobbles) submerged. Anthropogenic debris (tyre)
21/08/2020	16:11:35	3083	Target Note	469 963.9	5 909 517.2	-	Anthropogenic debris (tyre)
21/08/2020	16:11:35	3083	Line	469 963.9	5 909 517.2	-	Mixed (consolidated mud, pebbles, cobbles)
21/08/2020	16:11:40	3084	200145_EB_339	469 963.8	5 909 515.2	Down	Mixed (consolidated mud (clay), pebbles, cobbles)
21/08/2020	16:11:40	3084	Line	469 963.8	5 909 515.2	-	Mixed (consolidated mud, pebbles, cobbles)/hard consolidated mud (?peat) boundary
21/08/2020	16:13:42	3085	200145_EB_340	469 965.6	5 909 512.6	Down	Mixed (consolidated mud (clay), sand, pebbles, cobbles). ?Barnacles (<i>Sessilia</i>)
21/08/2020	16:13:42	3085	Line	469 965.6	5 909 512.6	-	Mixed (consolidated mud, pebbles, cobbles)/hard consolidated mud (?peat) boundary
21/08/2020	16:14:31	3086	Line	469 963.1	5 909 511.9	-	Mixed (consolidated mud, pebbles, cobbles)/hard consolidated mud (?peat) boundary
21/08/2020	16:14:36	3087	Line	469 959.9	5 909 513.0	-	Mixed (consolidated mud, pebbles, cobbles)/hard consolidated mud (?peat) boundary
21/08/2020	16:14:42	3088	Line	469 956.0	5 909 512.4	-	Mixed (consolidated mud, pebbles, cobbles)hard consolidated mud (?peat) boundary
21/08/2020	16:14:42	3088	200145_EB_341	469 956.0	5 909 512.4	Down	Mixed (consolidated mud (peat), sand, pebbles, cobbles)
21/08/2020	16:14:42	3088	200145_EB_342	469 956.0	5 909 512.4	SE	Up across mixed (consolidated mud (peat), sand, pebbles, cobbles) to seawall and area of anthropogenic hard substrata
21/08/2020	16:16:11	3089	Line	469 954.7	5 909 515.1	-	Mixed (consolidated mud, pebbles, cobbles)hard consolidated mud (?peat) boundary
21/08/2020	16:16:48	3090	Line	469 952.4	5 909 513.6	-	Mixed (consolidated mud, pebbles, cobbles)hard consolidated mud (?peat) boundary
21/08/2020	16:16:53	3091	Line	469 951.2	5 909 511.0	-	Mixed (consolidated mud, pebbles, cobbles)/hard consolidated mud (?peat) boundary
21/08/2020	16:16:59	3092	Line	469 947.2	5 909 511.1	-	Mixed (consolidated mud, pebbles, cobbles)/hard consolidated mud (?peat) boundary

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:17:06	3093	Line	469 944.4	5 909 512.2	-	Mixed (consolidated mud, pebbles, cobbles)/hard consolidated mud (?peat) boundary
21/08/2020	16:17:12	3094	Line	469 941.2	5 909 510.2	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:17:20	3095	Line	469 939.7	5 909 504.3	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:17:27	3096	Line	469 944.3	5 909 503.4	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:17:33	3097	Line	469 946.4	5 909 508.9	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:17:39	3098	Line	469 951.9	5 909 509.6	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:17:46	3099	Line	469 954.1	5 909 503.6	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:17:52	3100	Line	469 948.1	5 909 500.9	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:17:57	3101	Line	469 944.5	5 909 498.6	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:03	3102	Line	469 942.1	5 909 501.1	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:06	3103	Line	469 940.9	5 909 499.6	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:09	3104	Line	469 941.2	5 909 497.2	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:18	3105	Line	469 936.5	5 909 494.1	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:25	3106	Line	469 933.0	5 909 490.4	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:28	3107	Line	469 930.9	5 909 491.3	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:33	3108	Line	469 930.8	5 909 488.9	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:37	3109	Line	469 927.0	5 909 485.7	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:42	3110	Line	469 923.8	5 909 486.6	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:47	3111	Line	469 921.0	5 909 486.2	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:18:56	3112	Line	469 912.1	5 909 480.5	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:19:05	3113	Line	469 902.9	5 909 479.0	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:19:13	3114	Line	469 897.7	5 909 474.7	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:19:20	3115	Line	469 906.2	5 909 476.7	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:19:28	3116	Line	469 914.6	5 909 478.9	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:19:39	3117	Line	469 926.7	5 909 483.2	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:19:54	3118	Line	469 942.6	5 909 491.3	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:04	3119	Line	469 951.1	5 909 496.2	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:09	3120	Line	469 951.9	5 909 493.3	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:15	3121	Line	469 957.0	5 909 493.3	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:23	3122	Line	469 960.6	5 909 489.5	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:30	3123	Line	469 965.4	5 909 491.4	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:36	3124	Line	469 970.0	5 909 491.6	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:41	3125	Line	469 971.5	5 909 488.6	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:46	3126	Line	469 974.8	5 909 490.6	-	Mixed (consolidated mud, pebbles, cobbles) hard consolidated mud (?peat) boundary
21/08/2020	16:20:46	3126	Field Note	469 974.8	5 909 490.6	-	Mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders'). ?Barnacles (Sessilia), ephemeral greens (? <i>Ulva</i> sp.)
21/08/2020	16:20:46	3126	200145_EB_343	469 974.8	5 909 490.6	NE	Along top of mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders')
21/08/2020	16:20:46	3126	200145_EB_344	469 974.8	5 909 490.6	Down	Mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders') (and camera strap)
21/08/2020	16:20:46	3126	200145_EB_345	469 974.8	5 909 490.6	Down	Mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders')
21/08/2020	16:21:38	3127	Line	469 969.0	5 909 507.3	-	Mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders')/coarse
21/08/2020	16:21:45	3128	Line	469 961.3	5 909 504.5	-	Mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders')/coarse
21/08/2020	16:22:03	3129	Line	469 949.1	5 909 497.6	-	Mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders')/coarse
21/08/2020	16:22:07	3130	Line	469 949.1	5 909 494.9	-	Mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders')/coarse
21/08/2020	16:23:12	3131	200145_EB_346	469 949.3	5 909 492.7	SW	Coarse (sand with occasional pebbles)
21/08/2020	16:23:12	3131	200145_EB_347	469 949.3	5 909 492.7	Down	Coarse (sand with occasional pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:24:06	3132	200145_EB_348	469 952.1	5 909 500.8	E	Mixed (consolidated mud, sand, pebbles, cobbles, debris 'boulders'). ?Barnacles (Sessilia), ephemeral greens (<i>Ulva</i> sp.)
21/08/2020	16:24:06	3132	200145_EB_349	469 952.1	5 909 500.8	Down	Mixed (consolidated mud (?clay), sand, pebbles, cobbles, debris 'boulders'). ?Barnacles (Sessilia)
21/08/2020	16:25:05	3133	Line	469 936.1	5 909 504.9	-	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:25:05	3133	200145_EB_350	469 936.1	5 909 504.9	SW	Along hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>) surrounded by sand
21/08/2020	16:25:05	3133	200145_EB_351	469 936.1	5 909 504.9	Down	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:26:14	3134	Line	469 933.6	5 909 499.1	-	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:26:20	3135	Line	469 929.6	5 909 496.1	-	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:26:27	3136	Line	469 923.1	5 909 496.8	-	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:26:31	3137	Line	469 921.3	5 909 496.0	-	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:26:45	3138	Line	469 909.2	5 909 491.6	-	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:27:09	3139	Line	469 910.1	5 909 490.9	-	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:27:09	3139	Field Note	469 910.1	5 909 490.9	-	Clay starts here
21/08/2020	16:27:09	3139	200145_EB_352	469 910.1	5 909 490.9	Down	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:27:09	3139	200145_EB_353	469 910.1	5 909 490.9	Down	Hard consolidated mud (?clay)
21/08/2020	16:28:40	3140	Line	469 919.0	5 909 484.4	-	Hard consolidated mud (?peat). Ephemeral green (<i>Ulva ?intestinalis</i>)
21/08/2020	16:29:09	3141	Line	469 912.9	5 909 484.0	-	Hard consolidated mud (clay/peat)
21/08/2020	16:29:32	3142	Line	469 903.6	5 909 481.2	-	Hard consolidated mud (clay/peat)
21/08/2020	16:29:44	3143	Line	469 898.2	5 909 479.5	-	Hard consolidated mud (clay/peat)
21/08/2020	16:30:02	3144	Line	469 887.4	5 909 477.1	-	Hard consolidated mud (clay/peat)
21/08/2020	16:30:09	3145	Line	469 887.0	5 909 480.3	-	Hard consolidated mud (clay/peat)
21/08/2020	16:30:16	3146	Line	469 892.1	5 909 478.9	-	Hard consolidated mud (clay/peat)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:30:19	3147	Line	469 894.7	5 909 479.4	-	Hard consolidated mud (clay/peat)
21/08/2020	16:30:24	3148	Line	469 892.0	5 909 480.3	-	Hard consolidated mud (clay/peat)
21/08/2020	16:30:30	3149	Line	469 885.7	5 909 480.0	-	Hard consolidated mud (clay/peat)
21/08/2020	16:30:43	3150	Line	469 889.4	5 909 482.4	-	Hard consolidated mud (clay/peat)
21/08/2020	16:30:51	3151	Line	469 894.4	5 909 481.8	-	Hard consolidated mud (clay/peat)
21/08/2020	16:31:04	3152	Line	469 897.1	5 909 483.4	-	Hard consolidated mud (clay/peat)
21/08/2020	16:31:25	3153	Line	469 899.1	5 909 484.7	-	Hard consolidated mud (clay/peat)
21/08/2020	16:31:37	3154	Line	469 904.1	5 909 488.1	-	Hard consolidated mud (clay/peat)
21/08/2020	16:32:11	3155	Target Note	469 901.2	5 909 483.0	-	Mixed (2 m x 4 m pool in hard consolidated mud (clay/peat) with pebbles, cobbles)
21/08/2020	16:32:11	3155	200145_EB_354	469 901.2	5 909 483.0	SW	Mixed (2 m x 4 m pool in hard consolidated mud (clay/peat) with pebbles, cobbles). Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:32:11	3155	200145_EB_355	469 901.2	5 909 483.0	Down	Mixed (2 m x 4 m pool in hard consolidated mud (clay/peat) with pebbles, cobbles)
21/08/2020	16:33:59	3156	200145_EB_356	469 884.9	5 909 524.7	Down	Sand
21/08/2020	16:37:51	3157	200145_EB_357	469 869.4	5 909 598.2	NW	Down sand to sea
21/08/2020	16:37:51	3157	200145_EB_358	469 869.4	5 909 598.2	NE	Along sand
21/08/2020	16:37:51	3157	200145_EB_359	469 869.4	5 909 598.2	SE	Up sand to seawall
21/08/2020	16:37:51	3157	200145_EB_360	469 869.4	5 909 598.2	SW	Along sand towards outfall
21/08/2020	16:37:51	3157	200145_EB_361	469 869.4	5 909 598.2	Down	Sand
21/08/2020	16:37:51	3157	Field Note	469 869.4	5 909 598.2	-	Coarse sediment disappeared in storm - clearly v mobile and likely just surface
21/08/2020	16:39:36	3158	200145_EB_362	469 890.6	5 909 670.7	Down	Muddy sand (sand with ?clay emergent after storm - underlayer of mud?)
21/08/2020	16:40:21	3159	200145_EB_363	469 892.8	5 909 678.6	Down	Muddy sand (sand with ?clay emergent after storm - underlayer of mud?)
21/08/2020	16:41:14	3160	Line	469 895.9	5 909 687.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:41:21	3161	Line	469 898.9	5 909 685.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:41:26	3162	Line	469 900.7	5 909 685.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:41:35	3163	Line	469 904.0	5 909 690.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:41:39	3164	Line	469 903.3	5 909 691.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:41:50	3165	Line	469 908.1	5 909 691.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:41:50	3165	Target Note	469 908.1	5 909 691.2	-	Consolidated mud (?clay). Piddocks (Bivalvia) - submerged
21/08/2020	16:41:50	3165	200145_EB_364	469 908.1	5 909 691.2	NW	Down shore over sand to sea
21/08/2020	16:41:50	3165	200145_EB_365	469 908.1	5 909 691.2	NE	Along shore over mud with diatoms and Mixed
21/08/2020	16:41:50	3165	200145_EB_366	469 908.1	5 909 691.2	SE	Up shore over muddy sand to seawall
21/08/2020	16:41:50	3165	200145_EB_367	469 908.1	5 909 691.2	SW	Along shore over mud with diatoms and Mixed towards outflow
21/08/2020	16:41:50	3165	200145_EB_368	469 908.1	5 909 691.2	Down	Mixed (muddy sand, cobbles). Barnacles (Sessilia)
21/08/2020	16:41:50	3165	200145_EB_369	469 908.1	5 909 691.2	Down	Consolidated mud (?clay). Piddocks (Bivalvia) - submerged
21/08/2020	16:41:50	3165	200145_EB_370	469 908.1	5 909 691.2	Down	Consolidated mud (?clay). Piddocks (Bivalvia) - submerged
21/08/2020	16:41:50	3165	200145_EB_371	469 908.1	5 909 691.2	Down	Consolidated mud (?clay). Piddocks (Bivalvia) - submerged
21/08/2020	16:41:50	3165	200145_EB_372	469 908.1	5 909 691.2	Down	Consolidated mud (?clay), cobble. Piddocks (Bivalvia), barnacles (<i>Austrominius modestus</i>) - submerged
21/08/2020	16:44:37	3166	Line	469 905.1	5 909 694.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:44:48	3167	Line	469 900.2	5 909 696.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:44:51	3168	Line	469 897.8	5 909 695.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:44:56	3169	Line	469 894.9	5 909 696.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:45:06	3170	Line	469 888.1	5 909 694.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:45:06	3170	200145_EB_373	469 888.1	5 909 694.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), Sand mason worm (<i>Lanice conchilega</i>), anemone (<i>Sagartia</i> sp.)
21/08/2020	16:45:06	3170	200145_EB_374	469 888.1	5 909 694.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), Sand mason worm (<i>Lanice conchilega</i>), anemone (<i>Sagartia</i> sp.)
21/08/2020	16:45:06	3170	200145_EB_375	469 888.1	5 909 694.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), Sand mason worm (<i>Lanice conchilega</i>), anemone (<i>Sagartia</i> sp.)
21/08/2020	16:46:20	3171	Line	469 889.0	5 909 689.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:46:28	3172	Line	469 892.4	5 909 686.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:47:41	3173	200145_EB_376	469 890.3	5 909 691.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:47:41	3173	200145_EB_377	469 890.3	5 909 691.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>), anemone (<i>Sagartia</i> sp.)
21/08/2020	16:49:01	3174	200145_EB_378	469 954.8	5 909 708.9	Down	Muddy sand (sand with emergent clay)
21/08/2020	16:50:52	3175	Line	470 004.2	5 909 710.6	-	Hard consolidated mud (?peat) (additional post storm?)
21/08/2020	16:50:56	3176	Line	470 004.2	5 909 711.9	-	Hard consolidated mud (?peat) (additional post storm?)
21/08/2020	16:51:10	3177	Line	470 004.5	5 909 712.9	-	Hard consolidated mud (?peat) (additional post storm?)
21/08/2020	16:53:09	3178	Line	470 008.5	5 909 727.9	-	Hard consolidated mud (?peat) (additional post storm?)
21/08/2020	16:53:09	3178	200145_EB_379	470 008.5	5 909 727.9	Down	Mud on sand. Diatoms

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:53:09	3178	200145_EB_380	470 008.5	5 909 727.9	NW	Down over diatoms on mud (on sand) to sea
21/08/2020	16:53:09	3178	200145_EB_381	470 008.5	5 909 727.9	NE	Along shore over hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:53:09	3178	200145_EB_382	470 008.5	5 909 727.9	SE	Up shore over hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>) towards seawall
21/08/2020	16:53:09	3178	200145_EB_383	470 008.5	5 909 727.9	SW	Along shore over hard consolidated mud (?peat) towards outfall
21/08/2020	16:53:09	3178	200145_EB_384	470 008.5	5 909 727.9	SE	Up shore over hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>) towards seawall
21/08/2020	16:53:09	3178	200145_EB_385	470 008.5	5 909 727.9	Down	Hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>) after storm
21/08/2020	16:53:09	3178	200145_EB_386	470 008.5	5 909 727.9	Down	Hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>) after storm (with clay in front)
21/08/2020	16:55:23	3179	Line	470 016.3	5 909 725.0	-	Muddy sand
21/08/2020	16:55:34	3180	Line	470 018.8	5 909 724.4	-	Muddy sand
21/08/2020	16:55:38	3181	Line	470 019.8	5 909 722.3	-	Muddy sand
21/08/2020	16:55:42	3182	Line	470 017.3	5 909 719.9	-	Muddy sand
21/08/2020	16:55:46	3183	Line	470 018.9	5 909 718.7	-	Muddy sand
21/08/2020	16:55:51	3184	Line	470 022.2	5 909 718.7	-	Muddy sand
21/08/2020	16:55:55	3185	Line	470 023.9	5 909 718.3	-	Muddy sand
21/08/2020	16:56:04	3186	Line	470 025.0	5 909 721.8	-	Muddy sand
21/08/2020	16:56:27	3187	Line	470 026.0	5 909 725.1	-	Hard consolidated mud (?peat)
21/08/2020	16:56:30	3188	Line	470 027.8	5 909 724.6	-	Hard consolidated mud (?peat)
21/08/2020	16:56:33	3189	Line	470 029.0	5 909 723.9	-	Hard consolidated mud (?peat)
21/08/2020	16:56:35	3190	Line	470 029.8	5 909 723.8	-	Hard consolidated mud (?peat)
21/08/2020	16:56:39	3191	Line	470 031.6	5 909 724.1	-	Hard consolidated mud (?peat)
21/08/2020	16:56:48	3192	Line	470 029.6	5 909 723.1	-	Hard consolidated mud (?peat)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:56:53	3193	Line	470 026.2	5 909 723.0	-	Hard consolidated mud (?peat)
21/08/2020	16:56:57	3194	Line	470 025.0	5 909 722.7	-	Hard consolidated mud (?peat)
21/08/2020	16:57:16	3195	Line	470 023.8	5 909 722.5	-	Muddy sand
21/08/2020	16:57:34	3196	Line	470 025.9	5 909 721.0	-	Muddy sand
21/08/2020	16:57:38	3197	Line	470 028.6	5 909 722.5	-	Muddy sand
21/08/2020	16:57:42	3198	Line	470 030.6	5 909 723.2	-	Muddy sand
21/08/2020	16:57:47	3199	Line	470 034.0	5 909 725.4	-	Muddy sand
21/08/2020	16:57:52	3200	Line	470 032.5	5 909 727.9	-	Muddy sand
21/08/2020	16:57:59	3201	Line	470 027.7	5 909 729.4	-	Muddy sand
21/08/2020	16:58:05	3202	Line	470 024.9	5 909 731.8	-	Muddy sand
21/08/2020	16:58:10	3203	Line	470 022.7	5 909 734.6	-	Muddy sand
21/08/2020	16:58:16	3204	Line	470 019.7	5 909 738.1	-	Muddy sand
21/08/2020	16:58:20	3205	Line	470 017.3	5 909 739.4	-	Muddy sand
21/08/2020	16:58:25	3206	Line	470 015.0	5 909 741.9	-	Muddy sand
21/08/2020	16:58:29	3207	Line	470 012.7	5 909 741.9	-	Muddy sand
21/08/2020	16:58:35	3208	Line	470 009.1	5 909 740.6	-	Muddy sand
21/08/2020	16:58:46	3209	Line	470 008.9	5 909 738.0	-	Muddy sand
21/08/2020	16:58:52	3210	Line	470 006.4	5 909 736.3	-	Muddy sand
21/08/2020	16:59:00	3211	Line	470 000.1	5 909 735.9	-	Muddy sand
21/08/2020	16:59:06	3212	Line	469 997.1	5 909 736.1	-	Muddy sand
21/08/2020	16:59:11	3213	Line	469 993.8	5 909 738.6	-	Muddy sand
21/08/2020	16:59:21	3214	Line	469 993.6	5 909 732.9	-	Muddy sand
21/08/2020	16:59:26	3215	Line	469 989.4	5 909 731.5	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:59:32	3216	Line	469 984.7	5 909 728.6	-	Muddy sand
21/08/2020	16:59:40	3217	Line	469 980.4	5 909 727.1	-	Muddy sand
21/08/2020	16:59:48	3218	Line	469 977.9	5 909 729.9	-	Muddy sand
21/08/2020	16:59:57	3219	Line	469 971.9	5 909 729.0	-	Muddy sand
21/08/2020	17:00:04	3220	Line	469 968.4	5 909 731.3	-	Muddy sand
21/08/2020	17:00:12	3221	Line	469 965.1	5 909 731.4	-	Muddy sand
21/08/2020	17:00:22	3222	Line	469 968.5	5 909 727.1	-	Muddy sand
21/08/2020	17:00:28	3223	Line	469 971.5	5 909 724.3	-	Muddy sand
21/08/2020	17:00:35	3224	Line	469 968.9	5 909 718.5	-	Muddy sand
21/08/2020	17:00:40	3225	Line	469 965.0	5 909 716.6	-	Muddy sand
21/08/2020	17:00:48	3226	Line	469 960.1	5 909 715.0	-	Muddy sand
21/08/2020	17:00:55	3227	Line	469 954.8	5 909 713.5	-	Muddy sand
21/08/2020	17:01:03	3228	Line	469 954.3	5 909 718.0	-	Muddy sand
21/08/2020	17:01:21	3229	Line	469 948.4	5 909 712.4	-	Muddy sand
21/08/2020	17:01:21	3229	200145_EB_387	469 948.4	5 909 712.4	0	Muddy sand (clay under sand)
21/08/2020	17:02:19	3230	Line	469 940.2	5 909 711.6	-	Muddy sand
21/08/2020	17:02:27	3231	Line	469 938.7	5 909 714.3	-	Muddy sand
21/08/2020	17:02:35	3232	Line	469 936.2	5 909 716.5	-	Muddy sand
21/08/2020	17:02:45	3233	Line	469 930.9	5 909 713.7	-	Muddy sand
21/08/2020	17:02:51	3234	Line	469 928.9	5 909 710.4	-	Muddy sand
21/08/2020	17:02:51	3234	Line	469 928.9	5 909 710.4	-	Mud vanished in the storm
21/08/2020	17:02:57	3235	Line	469 925.2	5 909 708.5	-	Mud vanished in the storm
21/08/2020	17:03:05	3236	Line	469 919.7	5 909 705.5	-	Mud vanished in the storm

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	17:03:11	3237	Line	469 915.6	5 909 705.1	-	Mud vanished in the storm
21/08/2020	17:03:14	3238	Line	469 915.2	5 909 704.7	-	Mud vanished in the storm
21/08/2020	17:04:33	3239	Line	469 910.7	5 909 698.4	-	Muddy sand
21/08/2020	17:05:54	3240	Line	469 909.7	5 909 699.8	-	Muddy sand
21/08/2020	17:05:57	3241	Line	469 909.9	5 909 697.8	-	Muddy sand
21/08/2020	17:06:12	3242	Line	469 904.6	5 909 696.2	-	Muddy sand
21/08/2020	17:06:56	3243	Line	469 888.1	5 909 693.6	-	Muddy sand
21/08/2020	17:07:26	3244	Line	469 886.7	5 909 695.5	-	Muddy sand
21/08/2020	17:07:34	3245	Line	469 883.5	5 909 691.2	-	Muddy sand
21/08/2020	17:07:38	3246	Line	469 882.5	5 909 690.6	-	Muddy sand
21/08/2020	17:07:42	3247	Line	469 880.0	5 909 690.2	-	Muddy sand
21/08/2020	17:07:47	3248	Line	469 877.3	5 909 687.5	-	Muddy sand
21/08/2020	17:07:53	3249	Line	469 874.7	5 909 688.0	-	Muddy sand
21/08/2020	17:07:58	3250	Line	469 872.6	5 909 685.6	-	Muddy sand
21/08/2020	17:08:20	3251	Line	469 870.9	5 909 682.1	-	Muddy sand
21/08/2020	17:08:36	3252	Line	469 871.0	5 909 676.9	-	Muddy sand
21/08/2020	17:08:41	3253	Line	469 868.3	5 909 677.2	-	Muddy sand
21/08/2020	17:08:52	3254	Line	469 862.4	5 909 674.3	-	Muddy sand
21/08/2020	17:09:04	3255	Line	469 860.4	5 909 674.1	-	Muddy sand
21/08/2020	17:09:23	3256	Line	469 855.2	5 909 679.5	-	Muddy sand
21/08/2020	17:09:27	3257	Line	469 853.5	5 909 678.1	-	Muddy sand
21/08/2020	17:09:31	3258	Line	469 852.5	5 909 675.4	-	Muddy sand
21/08/2020	17:09:37	3259	Line	469 852.1	5 909 672.1	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	17:10:42	3260	200145_EB_388	469 857.4	5 909 712.1	Down	Sand
21/08/2020	17:11:52	3261	200145_EB_389	469 833.7	5 909 715.0	Down	Wooden pole with barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) - in sand
21/08/2020	17:11:52	3261	Target Note	469 833.7	5 909 715.0	-	Anthropogenic. Rope, wooden pole with barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:12:50	3262	Field Note	469 851.3	5 909 770.4	-	Sand
21/08/2020	17:15:09	3263	200145_EB_390	469 805.3	5 909 786.4	Down	Sand
21/08/2020	17:16:37	3264	200145_EB_391	469 779.6	5 909 742.4	Down	Sand
21/08/2020	17:18:04	3265	200145_EB_392	469 719.0	5 909 775.3	Down	Sand
21/08/2020	17:22:20	3266	200145_EB_393	469 688.5	5 909 741.9	Down	Sand
21/08/2020	17:23:07	3267	200145_EB_394	469 670.2	5 909 693.2	Down	Sand
21/08/2020	17:24:13	3268	200145_EB_395	469 609.2	5 909 708.4	Down	Sand
21/08/2020	17:25:07	3269	200145_EB_396	469 588.4	5 909 670.9	Down	Sand
21/08/2020	17:26:28	3270	200145_EB_397	469 527.6	5 909 679.9	Down	Sand
21/08/2020	17:27:42	3271	200145_EB_398	469 486.2	5 909 668.7	Down	Sand
21/08/2020	17:29:15	3272	200145_EB_399	469 436.6	5 909 635.4	Down	Sand
21/08/2020	17:52:50	3273	200145_EB_400	469 583.0	5 909 412.4	Down	Hard consolidated mud (?peat). ?Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:52:50	3273	200145_EB_401	469 583.0	5 909 412.4	SE	Area of hard consolidated mud (?peat). ?Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:52:50	3273	200145_EB_402	469 583.0	5 909 412.4	NW	Down over mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) to sea
21/08/2020	17:52:50	3273	200145_EB_403	469 583.0	5 909 412.4	NE	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) to groyne
21/08/2020	17:52:50	3273	200145_EB_404	469 583.0	5 909 412.4	SE	Area of hard consolidated mud (?peat). ?Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) towards seawall

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	17:52:50	3273	200145_EB_405	469 583.0	5 909 412.4	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) to groyne
21/08/2020	17:52:50	3273	200145_EB_406	469 583.0	5 909 412.4	Down	Hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:52:50	3273	200145_EB_407	469 583.0	5 909 412.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia) recruitment
21/08/2020	17:52:50	3273	200145_EB_408	469 583.0	5 909 412.4	Down	Hard consolidated mud (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:59:04	3274	200145_EB_409	469 618.1	5 909 397.3	Down	Littoral rock (wooden groyne). Green algae (<i>Blidingia</i> sp), lichens (<i>Verrucaria</i> sp.)
21/08/2020	17:59:04	3274	Target Note	469 618.1	5 909 397.3	Down	Littoral rock (wooden groyne). Green algae (<i>Blidingia</i> sp), lichens (<i>Verrucaria</i> sp.)
21/08/2020	17:59:04	3274	200145_EB_410	469 618.1	5 909 397.3	Down	Littoral rock (wooden groyne). Green algae (<i>Blidingia</i> sp), lichens (<i>Verrucaria</i> sp.)
21/08/2020	05:32:30	4018	Field Note	470 388.4	5 909 485.9	-	Checking GPS accuracy
21/08/2020	05:41:34	4019	Target Note	470 358.1	5 909 661.3	-	Anthropogenic: Littoral rock (wooden groyne 1) - Top. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:41:34	4019	200145_EB_411	470 358.1	5 909 661.3	N	View down littoral rock (wooden groyne 1) - Top. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:41:34	4019	200145_EB_412	470 358.1	5 909 661.3	W	View along seawall from top of littoral rock (wooden groyne 1)
21/08/2020	05:41:34	4019	200145_EB_413	470 358.1	5 909 661.3	Down	Littoral rock (wooden groyne 1) - Top. Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	05:43:30	4020	Field Note	470 355.7	5 909 668.4	-	Littoral rock (wooden groyne 1)
21/08/2020	05:43:44	4021	Target Note	470 349.4	5 909 677.9	-	Anthropogenic: Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:43:44	4021	200145_EB_414	470 349.4	5 909 677.9	Down	Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:43:44	4021	200145_EB_415	470 349.4	5 909 677.9	Down	Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:44:54	4022	Field Note	470 345.5	5 909 680.3	-	Anthropogenic: Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:44:54	4022	200145_EB_416	470 345.5	5 909 680.3	Down	Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	05:44:54	4022	200145_EB_417	470 345.5	5 909 680.3	Down	Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:46:26	4023	Target Note	470 342.7	5 909 689.7	-	Anthropogenic: Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:46:26	4023	200145_EB_418	470 342.7	5 909 689.7	Down	Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:46:26	4023	200145_EB_419	470 342.7	5 909 689.7	Down	Littoral rock (wooden groyne pole). Wrack (<i>Fucus ?spiralis</i>), green ephemerals (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:47:47	4024	Target Note	470 340.5	5 909 694.2	-	Anthropogenic: Littoral rock (wooden groyne 1 main body). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:47:47	4024	200145_EB_420	470 340.5	5 909 694.2	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:47:47	4024	200145_EB_421	470 340.5	5 909 694.2	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:49:04	4025	200145_EB_422	470 335.6	5 909 703.8	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:49:04	4025	200145_EB_423	470 335.6	5 909 703.8	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:50:23	4026	200145_EB_424	470 330.7	5 909 712.0	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:50:23	4026	200145_EB_425	470 330.7	5 909 712.0	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:51:31	4027	200145_EB_426	470 326.4	5 909 721.5	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:51:31	4027	200145_EB_427	470 326.4	5 909 721.5	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:52:28	4028	Target Note	470 321.1	5 909 728.2	-	Anthropogenic: Littoral rock (wooden groyne 1) - Bottom

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	05:52:28	4028	200145_EB_428	470 321.1	5 909 728.2	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:52:28	4028	200145_EB_429	470 321.1	5 909 728.2	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:52:28	4028	200145_EB_430	470 321.1	5 909 728.2	S	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:54:20	4029	200145_EB_431	470 289.8	5 909 714.8	N	Down sand to sea
21/08/2020	05:54:20	4029	200145_EB_432	470 289.8	5 909 714.8	E	Along sand
21/08/2020	05:54:20	4029	200145_EB_433	470 289.8	5 909 714.8	S	Up sand to seawall
21/08/2020	05:54:20	4029	200145_EB_434	470 289.8	5 909 714.8	W	along sand
21/08/2020	05:57:19	4030	Target Note	470 337.0	5 909 694.0	-	Anthropogenic: Littoral rock (wooden groyne pole). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:57:25	4031	Target Note	470 337.0	5 909 690.8	-	Anthropogenic: Littoral rock (wooden groyne pole). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:57:36	4032	Target Note	470 342.1	5 909 679.2	-	Anthropogenic: Littoral rock (wooden groyne pole). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	05:57:36	4032	200145_EB_435	470 342.1	5 909 679.2	N	Down Littoral rock (wooden groyne pole and wooden groyne 2) toward sea. Barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:00:37	4033	Line	470 213.7	5 909 675.1	-	Muddy sand patch
21/08/2020	06:00:45	4034	Line	470 216.7	5 909 678.4	-	Muddy sand patch
21/08/2020	06:00:50	4035	Line	470 215.9	5 909 681.8	-	Muddy sand patch
21/08/2020	06:01:01	4036	Line	470 206.4	5 909 678.3	-	Muddy sand patch
21/08/2020	06:01:18	4037	Target Note	470 195.3	5 909 673.7	-	Anthropogenic: Littoral rock (wooden groyne post)
21/08/2020	06:01:18	4037	200145_EB_436	470 195.3	5 909 673.7	S	View up Littoral rock (wooden groyne post)
21/08/2020	06:01:18	4037	200145_EB_437	470 195.3	5 909 673.7	Down	Littoral rock (wooden groyne post). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:04:20	4038	Target Note	470 201.3	5 909 654.8	Down	Anthropogenic: Littoral rock (wooden groyne 2) - Bottom

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:04:20	4038	200145_EB_438	470 201.3	5 909 654.8	N	Up Littoral rock (wooden groyne 2) from bottom. Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:04:20	4038	200145_EB_439	470 201.3	5 909 654.8	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:05:39	4039	200145_EB_440	470 206.3	5 909 651.1	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:05:39	4039	200145_EB_441	470 206.3	5 909 651.1	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:07:21	4040	200145_EB_442	470 208.0	5 909 641.1	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:07:21	4040	200145_EB_443	470 208.0	5 909 641.1	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:09:08	4041	200145_EB_444	470 211.3	5 909 631.3	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:09:08	4041	200145_EB_445	470 211.3	5 909 631.3	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:09:08	4041	200145_EB_446	470 211.3	5 909 631.3	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:09:08	4041	200145_EB_447	470 211.3	5 909 631.3	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:10:47	4042	200145_EB_448	470 218.6	5 909 618.7	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:10:47	4042	200145_EB_449	470 218.6	5 909 618.7	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	06:10:47	4042	200145_EB_450	470 218.6	5 909 618.7	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	06:12:18	4043	200145_EB_451	470 219.7	5 909 608.3	Down	Littoral rock (wooden groyne 2). Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:12:18	4043	200145_EB_452	470 219.7	5 909 608.3	Down	Littoral rock (wooden groyne 2). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:12:18	4043	200145_EB_453	470 219.7	5 909 608.3	Down	Littoral rock (wooden groyne 2). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:13:45	4044	200145_EB_454	470 223.2	5 909 599.6	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:13:45	4044	200145_EB_455	470 223.2	5 909 599.6	Down	Littoral rock (wooden groyne 2). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:15:20	4045	200145_EB_456	470 228.0	5 909 591.7	Down	Littoral rock (wooden groyne 2). Green (<i>?Blidingia</i>) ephemerals
21/08/2020	06:15:20	4045	200145_EB_457	470 228.0	5 909 591.7	Down	Littoral rock (wooden groyne 2). Green (<i>?Blidingia</i> sp.) ephemerals, barnacles (Sessilia), winkles (<i>Littorina ?saxatilis</i>)
21/08/2020	06:17:27	4046	200145_EB_458	470 235.3	5 909 584.4	E	Along top of littoral rock (wooden groyne 2). Lichens
21/08/2020	06:17:27	4046	Target Note	470 235.3	5 909 584.4	-	Anthropogenic: Littoral rock (wooden groyne 2) - Top
21/08/2020	06:17:27	4046	200145_EB_459	470 235.3	5 909 584.4	Down	Littoral rock (wooden groyne 2) - Lichens
21/08/2020	06:17:27	4046	200145_EB_460	470 235.3	5 909 584.4	N	Down Littoral rock (wooden groyne 2) from top
21/08/2020	06:19:59	4047	Target Note	470 188.2	5 909 589.4	-	Anthropogenic: Littoral rock (wooden groyne pole). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:19:59	4047	200145_EB_461	470 188.2	5 909 589.4	Down	Littoral rock (wooden groyne pole). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	06:20:53	4048	Line	470 183.9	5 909 622.0	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:20:53	4048	200145_EB_462	470 183.9	5 909 622.0	Down	Mixed (muddy sand, pebbles, cobbles, debris, boulders)
21/08/2020	06:21:48	4049	Line	470 172.4	5 909 623.9	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:21:48	4049	200145_EB_463	470 172.4	5 909 623.9	Down	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacle recruitment (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:22:40	4050	Line	470 170.1	5 909 625.5	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:22:40	4050	200145_EB_464	470 170.1	5 909 625.5	W	Along mixed (muddy sand, pebbles, cobbles, debris, boulders). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:23:37	4051	Line	470 164.9	5 909 626.1	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:23:45	4052	Line	470 164.9	5 909 629.7	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:23:54	4053	Line	470 162.7	5 909 633.7	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:24:04	4054	Line	470 162.2	5 909 639.9	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:24:04	4054	200145_EB_465	470 162.2	5 909 639.9	S	Along mixed (muddy sand, pebbles, cobbles, debris, boulders). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:24:50	4055	Line	470 159.5	5 909 635.3	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:24:58	4056	Line	470 161.0	5 909 629.5	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:25:06	4057	Line	470 160.2	5 909 625.6	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:25:06	4057	200145_EB_466	470 160.2	5 909 625.6	Down	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:27:18	4058	Line	470 189.9	5 909 620.6	-	Mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>), infrequent ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	06:27:18	4058	200145_EB_467	470 189.9	5 909 620.6	NW	Along mixed (muddy sand, pebbles, cobbles, debris, boulders). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:27:51	4059	Line	470 182.4	5 909 617.5	-	Littoral rock (cobbles/debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:27:59	4060	Line	470 175.1	5 909 614.8	-	Littoral rock (cobbles/debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:28:06	4061	Line	470 169.9	5 909 619.1	-	Littoral rock (cobbles/debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:28:14	4062	Line	470 166.2	5 909 614.4	N	Littoral rock (Boulder 1). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	06:28:14	4062	200145_EB_468	470 166.2	5 909 614.4	N	Littoral rock (Boulder 1). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	06:28:14	4062	200145_EB_469	470 166.2	5 909 614.4	Down	Littoral rock (Boulder 1). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	06:29:05	4063	Line	470 166.0	5 909 618.8	-	Littoral rock (Boulder 2). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	06:29:05	4063	200145_EB_470	470 166.0	5 909 618.8	Down	Littoral rock (Boulder 2). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	06:29:05	4063	200145_EB_471	470 166.0	5 909 618.8	Down	Littoral rock (Boulder 2). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	06:30:29	4064	Line	470 158.9	5 909 616.2	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:30:44	4065	Line	470 149.6	5 909 608.9	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:30:44	4065	200145_EB_472	470 149.6	5 909 608.9	N	Down Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:31:26	4066	Line	470 145.9	5 909 608.0	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:31:26	4066	200145_EB_473	470 145.9	5 909 608.0	N	Down Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	06:32:05	4067	Line	470 143.2	5 909 603.8	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:32:05	4067	200145_EB_474	470 143.2	5 909 603.8	N	Down Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	06:32:33	4068	Target Note	470 139.6	5 909 598.9	-	Littoral rock (Small boulder). <i>Fucus</i> sp., barnacles, green (<i>Ulva</i> sp.) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	06:32:33	4068	200145_EB_475	470 139.6	5 909 598.9	Down	Littoral rock (Boulder 3). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	06:32:33	4068	200145_EB_476	470 139.6	5 909 598.9	Down	Littoral rock (Boulder 3). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	06:32:33	4068	200145_EB_477	470 139.6	5 909 598.9	Down	Littoral rock (Boulder 3). Wrack (<i>Fucus ?spiralis</i>), barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	06:33:39	4069	Line	470 136.2	5 909 603.2	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:33:48	4070	Line	470 127.0	5 909 600.1	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:33:57	4071	Line	470 121.1	5 909 595.8	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	06:34:06	4072	Line	470 113.3	5 909 595.9	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:34:06	4072	200145_EB_478	470 113.3	5 909 595.9	N	Down Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:34:06	4072	200145_EB_479	470 113.3	5 909 595.9	NW	Along Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:34:06	4072	200145_EB_480	470 113.3	5 909 595.9	NE	Along Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:35:22	4073	Line	470 109.0	5 909 590.3	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:35:37	4074	Line	470 100.0	5 909 587.7	-	Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:35:37	4074	200145_EB_481	470 100.0	5 909 587.7	NE	Down Littoral rock (cobbles/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:35:37	4074	200145_EB_482	470 100.0	5 909 587.7	NW	Along Littoral rock (cobble/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:36:31	4075	Line	470 093.0	5 909 581.6	-	Littoral rock (cobble/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:36:42	4076	Line	470 085.7	5 909 574.6	-	Littoral rock (cobble/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:36:51	4077	Line	470 077.5	5 909 576.5	-	Littoral rock (cobble/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:36:58	4078	Line	470 071.2	5 909 577.1	-	Littoral rock (cobble/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:37:08	4079	Line	470 065.6	5 909 571.4	-	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:37:08	4079	200145_EB_483	470 065.6	5 909 571.4	NE	Along Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:37:08	4079	200145_EB_484	470 065.6	5 909 571.4	N	Down Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:37:08	4079	200145_EB_485	470 065.6	5 909 571.4	NW	Down Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:37:08	4079	200145_EB_486	470 065.6	5 909 571.4	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:37:08	4079	200145_EB_487	470 065.6	5 909 571.4	Down	Littoral rock (debris/boulders). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:38:51	4080	Line	470 061.3	5 909 576.7	-	Littoral rock (cobble/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:39:03	4081	Line	470 058.6	5 909 579.0	-	Littoral rock (cobble/debris/boulders). Wrack (<i>Fucus ?spiralis</i>), Honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:39:03	4081	200145_EB_488	470 058.6	5 909 579.0	N	Down Littoral rock (cobble/debris/boulders). Wrack (<i>Fucus ?spiralis</i>), Honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:39:03	4081	200145_EB_489	470 058.6	5 909 579.0	Down	Littoral rock (cobble/debris/boulders). Wrack (<i>Fucus ?spiralis</i>), Honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:39:03	4081	200145_EB_490	470 058.6	5 909 579.0	Down	Littoral rock (cobble/debris/boulders). Wrack (<i>Fucus ?spiralis</i>), Honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:40:42	4082	Line	470 051.2	5 909 580.5	-	Littoral rock (cobble/debris/boulders) on sand. Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:41:00	4083	Line	470 038.9	5 909 578.6	-	Littoral rock (cobbles/debris/boulders). Wrack (<i>Fucus ?spiralis</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:41:00	4083	200145_EB_491	470 038.9	5 909 578.6	N	Down over Littoral rock (cobbles/debris/boulders). Wrack (<i>Fucus ?spiralis</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:41:00	4083	200145_EB_492	470 038.9	5 909 578.6	E	Along Littoral rock (cobbles/debris/boulders). Wrack (<i>Fucus ?spiralis</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:41:00	4083	200145_EB_493	470 038.9	5 909 578.6	Down	Littoral rock (cobbles/debris/boulders). Wrack (<i>Fucus ?spiralis</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:42:19	4084	Field Note	470 033.2	5 909 577.9	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:42:31	4085	Field Note	470 024.7	5 909 569.9	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:42:41	4086	Field Note	470 014.5	5 909 568.1	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:42:52	4087	Field Note	470 007.4	5 909 562.7	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:43:06	4088	Line	469 996.0	5 909 559.3	-	Littoral rock (debris/boulders). Green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:43:06	4088	200145_EB_494	469 996.0	5 909 559.3	Down	Littoral rock (debris/boulders). Green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:43:06	4088	200145_EB_495	469 996.0	5 909 559.3	E	Along Littoral rock (debris/boulders). Green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:43:06	4088	200145_EB_496	469 996.0	5 909 559.3	W	Along Littoral rock (debris/boulders). Green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:44:09	4089	Line	469 989.9	5 909 554.6	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:44:21	4090	Line	469 980.4	5 909 546.0	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:44:40	4091	Line	469 976.6	5 909 537.4	-	Littoral rock (cobbles/debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:44:40	4091	200145_EB_497	469 976.6	5 909 537.4	N	Down over Littoral rock (cobbles/debris/boulders). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:45:33	4092	Line	469 967.7	5 909 542.4	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:45:43	4093	Target Note	469 962.2	5 909 543.2	-	Littoral rock (Boulder). Wrack (<i>Fucus ?spiralis</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:45:43	4093	200145_EB_498	469 962.2	5 909 543.2	E	Along Littoral rock (Boulder). Wrack (<i>Fucus ?spiralis</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:45:43	4093	200145_EB_499	469 962.2	5 909 543.2	Down	Littoral rock (Boulder). Wrack (<i>Fucus ?spiralis</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:46:30	4094	Line	469 961.0	5 909 545.5	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:46:39	4095	Line	469 960.7	5 909 553.8	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:46:46	4096	Line	469 957.7	5 909 556.9	-	Littoral rock (cobbles/debris/boulders)
21/08/2020	06:46:57	4097	Line	469 958.6	5 909 567.0	-	End of littoral rock (debris/boulders). Green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:46:57	4097	200145_EB_500	469 958.6	5 909 567.0	S	Up over end of littoral rock (debris/boulders). Green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:46:57	4097	200145_EB_501	469 958.6	5 909 567.0	E	Along Littoral rock (debris/boulders). Green ephemeral (<i>Ulva ?intestinalis</i>) patches, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:48:04	4098	Target Note	469 946.9	5 909 585.8	-	Anthropogenic: Littoral rock (wooden groyne 3) - Bottom
21/08/2020	06:48:04	4098	200145_EB_502	469 946.9	5 909 585.8	S	Up Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:48:04	4098	200145_EB_503	469 946.9	5 909 585.8	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:49:53	4099	200145_EB_504	469 948.2	5 909 575.9	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus spiralis</i>).
21/08/2020	06:49:53	4099	200145_EB_505	469 948.2	5 909 575.9	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	06:50:45	4100	200145_EB_506	469 951.7	5 909 566.6	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:50:45	4100	200145_EB_507	469 951.7	5 909 566.6	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:50:45	4100	200145_EB_508	469 951.7	5 909 566.6	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i>), wrack (<i>Fucus ?spiralis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:52:29	4101	200145_EB_509	469 955.1	5 909 556.1	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:52:29	4101	200145_EB_510	469 955.1	5 909 556.1	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:52:29	4101	200145_EB_511	469 955.1	5 909 556.1	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:52:29	4101	200145_EB_512	469 955.1	5 909 556.1	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) ephemerals, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:53:55	4102	200145_EB_513	469 959.4	5 909 545.7	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:53:55	4102	200145_EB_514	469 959.4	5 909 545.7	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:53:55	4102	200145_EB_515	469 959.4	5 909 545.7	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	06:55:12	4103	Field Note	469 961.8	5 909 532.7	-	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:55:12	4103	200145_EB_516	469 961.8	5 909 532.7	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:55:12	4103	200145_EB_517	469 961.8	5 909 532.7	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
21/08/2020	06:56:39	4104	200145_EB_518	469 966.5	5 909 521.0	Down	Littoral rock (wooden groyne 3). Ephemeral greens (<i>?Blidingia</i> sp.)
21/08/2020	06:57:42	4105	200145_EB_519	469 968.2	5 909 505.8	Down	Littoral rock (wooden groyne 3). Ephemeral greens (<i>?Blidingia</i> sp.)
21/08/2020	06:57:42	4105	200145_EB_520	469 968.2	5 909 505.8	Down	Littoral rock (wooden groyne 3). Ephemeral greens (<i>?Blidingia</i> sp.)
21/08/2020	06:59:07	4106	Target Note	469 974.8	5 909 495.1	-	Anthropogenic: Littoral rock (wooden groyne 3) - Top
21/08/2020	06:59:07	4106	200145_EB_521	469 974.8	5 909 495.1	N	Down from top of Littoral rock (wooden groyne 3)
21/08/2020	06:59:07	4106	200145_EB_522	469 974.8	5 909 495.1	Down	Top of Littoral rock (wooden groyne 3). Lichens

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	06:59:07	4106	200145_EB_523	469 974.8	5 909 495.1	E	Along seawall from top of Littoral rock (wooden groyne 3). Lichens
21/08/2020	06:59:07	4106	200145_EB_524	469 974.8	5 909 495.1	W	Along seawall from top of Littoral rock (wooden groyne 3) to ramp. Lichens
21/08/2020	07:01:01	4107	Target Note	469 971.0	5 909 492.4	-	Concrete ramp to the shore (damaged)
21/08/2020	07:01:01	4107	200145_EB_525	469 971.0	5 909 492.4	S	Up to concrete ramp to the shore
21/08/2020	07:01:28	4108	Field Note	469 968.3	5 909 496.4	-	Access: Concrete ramp to the shore (damaged)
21/08/2020	07:01:37	4109	Field Note	469 963.3	5 909 496.4	-	Concrete ramp to the shore (damaged)
21/08/2020	07:02:05	4110	Field Note	469 959.4	5 909 493.2	-	Concrete ramp to the shore (damaged)
21/08/2020	07:02:16	4111	Target Note	469 954.9	5 909 487.7	-	Access: Concrete ramp to the shore (damaged) and stairs
21/08/2020	07:02:16	4111	200145_EB_526	469 954.9	5 909 487.7	0	Concrete ramp/stairs to the shore (damaged)
21/08/2020	07:04:08	4112	200145_EB_527	469 903.3	5 909 537.6	N	Down over sand
21/08/2020	07:04:08	4112	200145_EB_528	469 903.3	5 909 537.6	E	Along sand
21/08/2020	07:04:08	4112	200145_EB_529	469 903.3	5 909 537.6	S	Up sand to seawall
21/08/2020	07:04:08	4112	200145_EB_530	469 903.3	5 909 537.6	W	Up sand to seawall
21/08/2020	07:06:38	4113	Target Note	469 856.8	5 909 559.6	-	Anthropogenic: Littoral rock (wooden groyne 4) - Bottom
21/08/2020	07:06:38	4113	200145_EB_531	469 856.8	5 909 559.6	S	Up Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:06:38	4113	200145_EB_532	469 856.8	5 909 559.6	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:06:38	4113	200145_EB_533	469 856.8	5 909 559.6	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:08:11	4114	200145_EB_534	469 859.2	5 909 548.2	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:08:11	4114	200145_EB_535	469 859.2	5 909 548.2	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:08:11	4114	200145_EB_536	469 859.2	5 909 548.2	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:09:37	4115	200145_EB_537	469 859.5	5 909 537.7	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:09:37	4115	200145_EB_538	469 859.5	5 909 537.7	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:10:48	4116	200145_EB_539	469 866.3	5 909 525.0	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:10:48	4116	200145_EB_540	469 866.3	5 909 525.0	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:11:55	4117	200145_EB_541	469 868.3	5 909 512.0	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:11:55	4117	200145_EB_542	469 868.3	5 909 512.0	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:13:04	4118	200145_EB_543	469 873.4	5 909 501.5	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:13:04	4118	200145_EB_544	469 873.4	5 909 501.5	Down	Littoral rock (wooden groyne 3). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:14:16	4119	200145_EB_545	469 876.3	5 909 488.5	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:14:16	4119	200145_EB_546	469 876.3	5 909 488.5	Down	Littoral rock (wooden groyne 3). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	07:15:23	4120	200145_EB_547	469 882.3	5 909 480.6	Down	Littoral rock (wooden groyne 4)
21/08/2020	07:16:21	4121	Target Note	469 884.0	5 909 466.7	-	Littoral rock (wooden groyne 4) - Top
21/08/2020	07:16:21	4121	200145_EB_548	469 884.0	5 909 466.7	N	Down Littoral rock (wooden groyne 4) from seawall
21/08/2020	07:16:21	4121	200145_EB_549	469 884.0	5 909 466.7	E	Along seawall from top of Littoral rock (wooden groyne 4)
21/08/2020	07:16:21	4121	200145_EB_550	469 884.0	5 909 466.7	W	Along seawall from top of Littoral rock (wooden groyne 4)
21/08/2020	07:18:05	4122	Line	469 884.8	5 909 468.0	-	Strandline

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:18:05	4122	200145_EB_551	469 884.8	5 909 468.0	W	Coarse (sand, pebbles) - deposited by wave action
21/08/2020	07:18:39	4123	Line	469 881.3	5 909 474.2	-	Strandline
21/08/2020	07:18:51	4124	Line	469 866.9	5 909 467.8	-	Strandline
21/08/2020	07:19:00	4125	Line	469 859.1	5 909 465.4	-	Strandline
21/08/2020	07:19:07	4126	Line	469 863.3	5 909 460.8	-	Strandline
21/08/2020	07:19:17	4127	Line	469 874.9	5 909 464.4	-	Strandline
21/08/2020	07:19:17	4127	200145_EB_552	469 874.9	5 909 464.4	E	Along coarse (sand, pebbles) - deposited by wave action
21/08/2020	07:20:46	4128	Target Note	469 795.3	5 909 439.2	-	Littoral rock (wooden groyne 5) - Top
21/08/2020	07:20:46	4128	200145_EB_553	469 795.3	5 909 439.2	N	Down Littoral rock (wooden groyne 5) from top
21/08/2020	07:20:46	4128	200145_EB_554	469 795.3	5 909 439.2	E	Along seawall from top of Littoral rock (wooden groyne 5)
21/08/2020	07:20:46	4128	200145_EB_555	469 795.3	5 909 439.2	W	Along seawall from top of Littoral rock (wooden groyne 5)
21/08/2020	07:20:46	4128	200145_EB_556	469 795.3	5 909 439.2	Down	Littoral rock (wooden groyne 5) - Top
21/08/2020	07:22:15	4129	200145_EB_557	469 795.2	5 909 445.7	Down	Littoral rock (wooden groyne 5). Yellow lichens
21/08/2020	07:22:15	4129	200145_EB_558	469 795.2	5 909 445.7	Down	Littoral rock (wooden groyne 5). Yellow lichens
21/08/2020	07:23:13	4130	200145_EB_559	469 791.0	5 909 458.8	Down	Littoral rock (wooden groyne 5). Yellow lichens
21/08/2020	07:23:13	4130	200145_EB_560	469 791.0	5 909 458.8	Down	Littoral rock (wooden groyne 5). Yellow lichens
21/08/2020	07:24:15	4131	200145_EB_561	469 791.0	5 909 463.7	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:24:15	4131	200145_EB_562	469 791.0	5 909 463.7	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:25:06	4132	200145_EB_563	469 789.6	5 909 472.9	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:25:06	4132	200145_EB_564	469 789.6	5 909 472.9	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:26:05	4133	200145_EB_565	469 785.3	5 909 485.2	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:26:05	4133	200145_EB_566	469 785.3	5 909 485.2	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:27:03	4134	200145_EB_567	469 781.3	5 909 499.2	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:27:03	4134	200145_EB_568	469 781.3	5 909 499.2	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:27:53	4135	200145_EB_569	469 779.2	5 909 513.0	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:27:53	4135	200145_EB_570	469 779.2	5 909 513.0	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:27:53	4135	200145_EB_571	469 779.2	5 909 513.0	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:27:53	4135	200145_EB_572	469 779.2	5 909 513.0	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:27:53	4135	200145_EB_573	469 779.2	5 909 513.0	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:27:53	4135	200145_EB_574	469 779.2	5 909 513.0	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>)
21/08/2020	07:29:00	4136	Target Note	469 777.6	5 909 522.3	-	Anthropogenic: Littoral rock (wooden groyne 5). Bottom
21/08/2020	07:29:00	4136	200145_EB_575	469 777.6	5 909 522.3	S	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	07:29:00	4136	200145_EB_576	469 777.6	5 909 522.3	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	07:29:00	4136	200145_EB_577	469 777.6	5 909 522.3	Down	Littoral rock (wooden groyne 5). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, wrack (<i>Fucus spiralis</i>), barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:33:31	4137	Target Note	469 773.3	5 909 532.2	-	Anthropogenic: Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	07:33:31	4137	200145_EB_578	469 773.3	5 909 532.2	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	07:35:08	4138	Line	469 776.0	5 909 525.2	-	Coarse (sand, pebbles) - Patch on side of groyne
21/08/2020	07:35:16	4139	Line	469 779.5	5 909 522.9	-	Coarse (sand, pebbles) - Patch on side of groyne
21/08/2020	07:35:26	4140	Line	469 782.8	5 909 517.4	-	Coarse (sand, pebbles) - Patch on side of groyne
21/08/2020	07:35:44	4141	Line	469 781.3	5 909 511.0	-	Coarse (sand, pebbles) - Patch on side of groyne
21/08/2020	07:35:44	4141	200145_EB_579	469 781.3	5 909 511.0	N	Coarse (sand, pebbles) - Patch on side of groyne
21/08/2020	07:36:34	4142	Line	469 781.8	5 909 502.3	-	Coarse (sand, pebbles) - Patch on side of groyne
21/08/2020	07:37:38	4143	Line	469 774.0	5 909 513.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:37:38	4143	200145_EB_580	469 774.0	5 909 513.5	S	Up over mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:38:33	4144	Line	469 768.0	5 909 507.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:38:33	4144	200145_EB_581	469 768.0	5 909 507.4	NE	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:39:08	4145	Line	469 769.1	5 909 503.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:40:18	4146	Line	469 763.0	5 909 501.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:40:18	4146	200145_EB_582	469 763.0	5 909 501.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:40:18	4146	200145_EB_583	469 763.0	5 909 501.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:40:27	4147	Line	469 769.5	5 909 496.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:40:38	4148	Line	469 774.6	5 909 492.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:40:38	4148	Line	469 774.6	5 909 492.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:40:38	4148	200145_EB_584	469 774.6	5 909 492.0	SE	Down over mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	07:41:23	4149	Line	469 778.0	5 909 498.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:41:33	4150	Line	469 777.7	5 909 507.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:41:42	4151	Line	469 774.5	5 909 513.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:41:42	4151	200145_EB_585	469 774.5	5 909 513.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:41:42	4151	200145_EB_586	469 774.5	5 909 513.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:42:20	4152	Line	469 770.5	5 909 507.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:43:07	4153	Line	469 768.3	5 909 507.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:43:15	4154	Line	469 768.7	5 909 502.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:43:22	4155	Line	469 772.7	5 909 500.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	07:44:00	4156	Target Note	469 744.0	5 909 492.3	-	Anthropogenic: Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	07:44:00	4156	200145_EB_587	469 744.0	5 909 492.3	Down	Littoral rock (wooden groyne pole). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	07:45:19	4157	200145_EB_588	469 739.3	5 909 482.6	Down	Consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:45:19	4157	200145_EB_589	469 739.3	5 909 482.6	Down	Consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)/mixed (pebbles and cobbles overlying)
21/08/2020	07:47:12	4158	200145_EB_590	469 736.4	5 909 482.0	N	Down over consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)/mixed (pebbles and cobbles overlying)
21/08/2020	07:47:12	4158	200145_EB_591	469 736.4	5 909 482.0	Down	Down over consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)/mixed (pebbles and cobbles overlying)
21/08/2020	07:48:10	4159	200145_EB_592	469 728.1	5 909 482.2	Down	Down over consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)/mixed (pebbles and cobbles overlying)
21/08/2020	07:48:10	4159	200145_EB_593	469 728.1	5 909 482.2	Down	Down over consolidated mud exposures (peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)/mixed (pebbles and cobbles overlying)
21/08/2020	07:49:51	4160	200145_EB_594	469 720.5	5 909 452.0	N	Down sand
21/08/2020	07:49:51	4160	200145_EB_595	469 720.5	5 909 452.0	E	Along sand
21/08/2020	07:49:51	4160	200145_EB_596	469 720.5	5 909 452.0	S	Up sand
21/08/2020	07:49:51	4160	200145_EB_597	469 720.5	5 909 452.0	W	Along sand
21/08/2020	07:50:09	4161	Field Note	469 720.9	5 909 452.5	-	Sand
21/08/2020	07:51:35	4162	Target Note	469 708.1	5 909 416.5	-	Anthropogenic: Littoral rock (wooden groyne 6). Seawall (Small pool with green algae (<i>Ulva</i> sp.) in crevices of concrete stairs)
21/08/2020	07:51:35	4162	200145_EB_598	469 708.1	5 909 416.5	N	Down Littoral rock (wooden groyne 6)
21/08/2020	07:51:35	4162	200145_EB_599	469 708.1	5 909 416.5	E	Along seawall and pools with ephemeral greens (<i>Ulva ?intestinalis</i>) from top of littoral rock (wooden groyne 6)
21/08/2020	07:51:35	4162	200145_EB_600	469 708.1	5 909 416.5	W	Along seawall and pools with ephemeral greens (<i>Ulva ?intestinalis</i>) from top Littoral rock (wooden groyne 6)
21/08/2020	07:53:32	4163	Target Note	469 741.4	5 909 424.1	-	Along seawall and pools with ephemeral greens (<i>Ulva ?intestinalis</i>) from top of littoral rock (wooden groyne 6)
21/08/2020	07:53:32	4163	200145_EB_601	469 741.4	5 909 424.1	W	Along seawall and pools with ephemeral greens (<i>Ulva ?intestinalis</i>) from top of littoral rock (wooden groyne 6)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	07:53:32	4163	200145_EB_602	469 741.4	5 909 424.1	Down	Pools with ephemeral greens (<i>Ulva ?intestinalis</i>) from top of littoral rock (wooden groyne 6)
21/08/2020	07:53:32	4163	200145_EB_603	469 741.4	5 909 424.1	Down	Pools with ephemeral greens (<i>Ulva ?intestinalis</i>) from top of littoral rock (wooden groyne 6)
21/08/2020	07:55:17	4164	Field Note	469 725.4	5 909 419.9	-	Pools with ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:55:17	4164	200145_EB_604	469 725.4	5 909 419.9	Down	Pools with ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:56:05	4165	Field Note	469 713.9	5 909 419.1	-	Pools with ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:56:17	4166	Field Note	469 703.0	5 909 415.6	-	Pools with ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:56:28	4167	Target Note	469 692.8	5 909 412.9	-	Pools with ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	07:57:03	4168	200145_EB_605	469 705.8	5 909 430.5	Down	Littoral rock (wooden groyne 6). Green ephemeral (<i>?Blidingia</i> sp.) turf
21/08/2020	07:57:56	4169	200145_EB_606	469 700.8	5 909 444.6	Down	Littoral rock (wooden groyne 6). Green ephemeral (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	07:57:56	4169	200145_EB_607	469 700.8	5 909 444.6	Down	Littoral rock (wooden groyne 6). Green ephemeral (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	07:57:56	4169	200145_EB_608	469 700.8	5 909 444.6	Down	Littoral rock (wooden groyne 6). Green ephemeral (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	07:58:59	4170	200145_EB_609	469 699.6	5 909 458.3	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	07:58:59	4170	200145_EB_610	469 699.6	5 909 458.3	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:00:02	4171	200145_EB_611	469 697.7	5 909 468.9	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:00:02	4171	200145_EB_612	469 697.7	5 909 468.9	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:00:02	4171	200145_EB_613	469 697.7	5 909 468.9	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:01:01	4172	200145_EB_614	469 693.2	5 909 482.1	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:01:01	4172	200145_EB_615	469 693.2	5 909 482.1	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:01:01	4172	200145_EB_616	469 693.2	5 909 482.1	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:02:06	4173	200145_EB_617	469 691.0	5 909 495.2	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:02:06	4173	200145_EB_618	469 691.0	5 909 495.2	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:02:06	4173	200145_EB_619	469 691.0	5 909 495.2	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	08:03:15	4174	Target Note	469 687.3	5 909 511.8	S	Anthropogenic: Littoral rock (wooden groyne 6) - Bottom
21/08/2020	08:03:15	4174	200145_EB_620	469 687.3	5 909 511.8	S	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:03:15	4174	200145_EB_621	469 687.3	5 909 511.8	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:03:15	4174	200145_EB_622	469 687.3	5 909 511.8	Down	Littoral rock (wooden groyne 6). Green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:04:51	4175	200145_EB_623	469 658.4	5 909 502.4	N	Down sand
21/08/2020	08:04:51	4175	200145_EB_624	469 658.4	5 909 502.4	E	Along sand
21/08/2020	08:04:51	4175	200145_EB_625	469 658.4	5 909 502.4	S	Up sand
21/08/2020	08:04:51	4175	200145_EB_626	469 658.4	5 909 502.4	W	Along sand
21/08/2020	08:06:36	4176	Target Note	469 594.5	5 909 490.0	-	Anthropogenic: Littoral rock (wooden groyne 7) - Bottom
21/08/2020	08:06:36	4176	200145_EB_627	469 594.5	5 909 490.0	S	Up Littoral rock (wooden groyne 7) from bottom. Green (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:06:36	4176	200145_EB_628	469 594.5	5 909 490.0	W	Along sand to concrete outflow pipe
21/08/2020	08:06:36	4176	200145_EB_629	469 594.5	5 909 490.0	N	Down sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:06:36	4176	200145_EB_630	469 594.5	5 909 490.0	E	Along sand
21/08/2020	08:06:36	4176	200145_EB_631	469 594.5	5 909 490.0	Down	Littoral rock (wooden groyne 7). Green (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:08:22	4177	200145_EB_632	469 600.8	5 909 474.3	Down	Littoral rock (wooden groyne 7). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:08:22	4177	200145_EB_633	469 600.8	5 909 474.3	Down	Littoral rock (wooden groyne 7). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:09:27	4178	200145_EB_634	469 603.4	5 909 460.5	Down	Littoral rock (wooden groyne 7). Wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:09:27	4178	200145_EB_635	469 603.4	5 909 460.5	Down	Littoral rock (wooden groyne 7). Wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:09:27	4178	200145_EB_636	469 603.4	5 909 460.5	Down	Littoral rock (wooden groyne 7). Wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:09:27	4178	200145_EB_637	469 603.4	5 909 460.5	Down	Littoral rock (wooden groyne 7). Green (<i>Ulva ?intestinalis</i>) ephemeral, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), wrinkle (<i>Littorina littorea</i>)
21/08/2020	08:11:06	4179	200145_EB_638	469 605.2	5 909 446.6	Down	Littoral rock (wooden groyne 7). Wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:11:06	4179	200145_EB_639	469 605.2	5 909 446.6	Down	Littoral rock (wooden groyne 7). Wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:11:06	4179	200145_EB_640	469 605.2	5 909 446.6	Down	Littoral rock (wooden groyne 7). Wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:12:29	4180	200145_EB_641	469 609.2	5 909 433.0	Down	Littoral rock (wooden groyne 7). Wrack (<i>Fucus ?spiralis</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.), barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:12:29	4180	200145_EB_642	469 609.2	5 909 433.0	Down	Littoral rock (wooden groyne 7). Green (<i>Ulva ?intestinalis</i>) ephemeral, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:13:25	4181	200145_EB_643	469 613.2	5 909 419.4	Down	Littoral rock (wooden groyne 7). Green (<i>Ulva ?intestinalis</i>) ephemeral, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:13:25	4181	200145_EB_644	469 613.2	5 909 419.4	Down	Littoral rock (wooden groyne 7). Green (<i>Ulva ?intestinalis</i>) ephemeral, barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>)
21/08/2020	08:14:50	4182	200145_EB_645	469 618.0	5 909 402.8	Down	Littoral rock (wooden groyne 7). Green ephemerals (<i>?Blidingia</i> sp.) and yellow lichens
21/08/2020	08:14:50	4182	200145_EB_646	469 618.0	5 909 402.8	Down	Littoral rock (wooden groyne 7). Green ephemeral (<i>?Blidingia</i> sp.) turf
21/08/2020	08:15:46	4183	Target Note	469 617.9	5 909 393.9	-	Anthropogenic: Littoral rock (wooden groyne 7) - Top
21/08/2020	08:15:46	4183	200145_EB_647	469 617.9	5 909 393.9	N	Down Littoral rock (wooden groyne 7) from top
21/08/2020	08:15:46	4183	200145_EB_648	469 617.9	5 909 393.9	E	Along seawall from top of Littoral rock (wooden groyne 7)
21/08/2020	08:15:46	4183	200145_EB_649	469 617.9	5 909 393.9	W	Along seawall from top of Littoral rock (wooden groyne 7)
21/08/2020	08:17:28	4184	Target Note	469 603.5	5 909 406.3	-	Anthropogenic: Littoral rock (Wooden groyne poles). Green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	08:17:28	4184	200145_EB_650	469 603.5	5 909 406.3	N	Down Littoral rock (Wooden groyne poles). Green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	08:17:28	4184	200145_EB_651	469 603.5	5 909 406.3	Down	Littoral rock (Wooden groyne poles). Green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	08:18:21	4185	Target Note	469 604.2	5 909 408.8	-	Anthropogenic: Littoral rock (Wooden groyne pole). Green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	08:18:21	4185	200145_EB_652	469 604.2	5 909 408.8	Down	Littoral rock (Wooden groyne poles). Green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	08:18:21	4185	200145_EB_653	469 604.2	5 909 408.8	W	Along over consolidated mud exposures (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:19:11	4186	200145_EB_654	469 597.8	5 909 412.1	Down	Consolidated mud exposures (?clay). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:20:29	4187	Target Note	469 594.1	5 909 408.0	-	Anthropogenic: Littoral rock (Wooden groyne poles). Green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	08:20:29	4187	200145_EB_655	469 594.1	5 909 408.0	SE	Consolidated mud exposures (?peat/clay)
21/08/2020	08:20:29	4187	200145_EB_656	469 594.1	5 909 408.0	Down	Consolidated mud exposures (?peat/clay) in mixed (muddy sand, pebbles, cobbles, debris). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:20:29	4187	200145_EB_657	469 594.1	5 909 408.0	Down	Consolidated mud exposures (?peat/clay) in mixed (muddy sand, pebbles, cobbles, debris). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:21:11	4188	Field Note	469 585.7	5 909 403.5	-	Consolidated mud exposures (?peat)
21/08/2020	08:21:56	4189	Field Note	469 582.4	5 909 400.0	-	Along consolidated mud exposures (?peat/clay) in mixed (muddy sand, pebbles, cobbles, debris). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:22:19	4190	200145_EB_658	469 569.8	5 909 399.3	E	Along consolidated mud exposures (?peat/clay) in mixed (muddy sand, pebbles, cobbles, debris). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:22:19	4190	200145_EB_659	469 569.8	5 909 399.3	Down	Consolidated mud exposures (?peat). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:24:05	4191	Line	469 567.4	5 909 395.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:24:21	4192	Line	469 559.7	5 909 395.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:24:34	4193	Line	469 549.0	5 909 392.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:24:34	4193	200145_EB_660	469 549.0	5 909 392.5	S	Up Littoral rock (Wooden groyne poles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
21/08/2020	08:24:34	4193	Target Note	469 549.0	5 909 392.5	-	Anthropogenic: Littoral rock (Wooden groyne poles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
21/08/2020	08:25:46	4194	Line	469 540.2	5 909 390.1	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:25:46	4194	200145_EB_661	469 540.2	5 909 390.1	E	Along mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:26:22	4195	Line	469 543.5	5 909 394.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:26:29	4196	Line	469 539.3	5 909 399.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:26:36	4197	Line	469 533.7	5 909 405.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:26:50	4198	Line	469 522.0	5 909 406.4	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>) patches
21/08/2020	08:27:07	4199	Target Note	469 518.6	5 909 411.3	-	Anthropogenic: Littoral rock (Wooden groyne 8) - Bottom

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:27:07	4199	200145_EB_662	469 518.6	5 909 411.3	S	Littoral rock (Wooden groyne 8). Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (Sessilia)
21/08/2020	08:27:07	4199	200145_EB_663	469 518.6	5 909 411.3	S	Littoral rock (Wooden groyne 8). Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (Sessilia)
21/08/2020	08:27:07	4199	200145_EB_664	469 518.6	5 909 411.3	S	Littoral rock (Wooden groyne 8). Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (Sessilia)
21/08/2020	08:28:52	4200	200145_EB_665	469 520.4	5 909 396.7	S	Littoral rock (Wooden groyne 8). Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (Sessilia)
21/08/2020	08:28:52	4200	200145_EB_666	469 520.4	5 909 396.7	Down	Littoral rock (Wooden groyne 8). Ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), barnacles (Sessilia)
21/08/2020	08:30:00	No Fix	200145_EB_667	-	-	N	Down Littoral rock (Wooden groyne 8) from top
21/08/2020	08:30:00	No Fix	200145_EB_668	-	-	E	Along seawall from top of Littoral rock (Wooden groyne 8)
21/08/2020	08:30:00	No Fix	200145_EB_669	-	-	W	Along seawall from top of Littoral rock (Wooden groyne 8)
21/08/2020	08:34:04	4201	Target Note	469 458.4	5 909 577.5	-	Bottom of concrete outflow pipe (but waypoint need to be moved more to east). Point difficult to reach due to a big pool
21/08/2020	08:34:04	4201	200145_EB_670	469 458.4	5 909 577.5	E	Bottom of concrete outflow pipe (but waypoint need to be moved more to east). Point difficult to reach due to a big pool
21/08/2020	08:34:47	4202	Line	469 476.7	5 909 563.2	-	Rock dump at the base of concrete outflow pipe. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:34:47	4202	200145_EB_671	469 476.7	5 909 563.2	Down	Rock dump at the base of concrete outflow pipe. Barnacles (<i>Semibalanus balanoides</i>)
21/08/2020	08:34:47	4202	200145_EB_672	469 476.7	5 909 563.2	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:34:47	4202	200145_EB_673	469 476.7	5 909 563.2	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:36:56	4203	Line	469 478.0	5 909 554.5	-	Littoral rock (concrete/metal groyne). Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	08:36:56	4203	200145_EB_674	469 478.0	5 909 554.5	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:36:56	4203	200145_EB_675	469 478.0	5 909 554.5	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:36:56	4203	200145_EB_676	469 478.0	5 909 554.5	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>)
21/08/2020	08:38:14	4204	Line	469 478.7	5 909 543.2	-	Littoral rock (concrete/metal groyne). Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	08:38:14	4204	200145_EB_677	469 478.7	5 909 543.2	E	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), juvenile wrack (<i>Fucus</i> juv.)
21/08/2020	08:38:14	4204	200145_EB_678	469 478.7	5 909 543.2	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.), juvenile wrack (<i>Fucus</i> juv.)
21/08/2020	08:38:14	4204	200145_EB_679	469 478.7	5 909 543.2	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:39:19	4205	Line	469 483.4	5 909 529.2	-	Littoral rock (concrete/metal groyne). Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	08:39:19	4205	200145_EB_680	469 483.4	5 909 529.2	E	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:39:19	4205	200145_EB_681	469 483.4	5 909 529.2	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:40:15	4206	Line	469 484.8	5 909 515.3	-	Littoral rock (concrete/metal groyne). Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	08:40:15	4206	200145_EB_682	469 484.8	5 909 515.3	E	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:40:15	4206	200145_EB_683	469 484.8	5 909 515.3	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:40:15	4206	200145_EB_684	469 484.8	5 909 515.3	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>)
21/08/2020	08:41:39	4207	Line	469 492.0	5 909 503.4	-	Littoral rock (concrete/metal groyne). Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:41:39	4207	200145_EB_685	469 492.0	5 909 503.4	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:41:39	4207	200145_EB_686	469 492.0	5 909 503.4	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
21/08/2020	08:43:02	4208	Line	469 494.2	5 909 490.0	-	Littoral rock (concrete/metal groyne). Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals
21/08/2020	08:43:02	4208	200145_EB_687	469 494.2	5 909 490.0	E	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:43:02	4208	200145_EB_688	469 494.2	5 909 490.0	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), ephemerals greens (<i>Ulva ?intestinalis</i>)
21/08/2020	08:43:02	4208	200145_EB_689	469 494.2	5 909 490.0	N	Top of outflow
21/08/2020	08:48:24	4209	Line	469 449.3	5 909 518.3	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:48:24	4209	200145_EB_690	469 449.3	5 909 518.3	-	Along consolidated mud (peat) exposures. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	08:48:24	4209	200145_EB_691	469 449.3	5 909 518.3	-	Consolidated mud (peat) exposures. Piddocks (<i>Bivalvia</i>), green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	08:49:04	4210	Line	469 441.2	5 909 520.2	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:49:10	4211	Line	469 436.1	5 909 515.5	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:49:20	4212	Line	469 428.5	5 909 505.9	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:49:27	4213	Line	469 422.7	5 909 510.2	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:49:27	4213	200145_EB_692	469 422.7	5 909 510.2	-	Along consolidated mud (peat) exposures. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	08:49:33	4214	200145_EB_693	469 415.9	5 909 510.8	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:49:33	4214	Target Note	469 415.9	5 909 510.8	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.), possible piddock burrows (? <i>Bivalvia</i>)
21/08/2020	08:49:33	4214	200145_EB_694	469 415.9	5 909 510.8	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.), possible piddock burrows (? <i>Bivalvia</i>)
21/08/2020	08:49:33	4214	200145_EB_695	469 415.9	5 909 510.8	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.), possible piddock burrows (? <i>Bivalvia</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:49:40	4215	Line	469 412.9	5 909 512.4	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:49:46	4216	Line	469 408.5	5 909 509.0	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:49:52	4217	Line	469 408.6	5 909 503.7	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:49:59	4218	Line	469 403.8	5 909 500.9	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:50:11	4219	Line	469 398.2	5 909 506.9	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:50:16	4220	Line	469 395.8	5 909 505.3	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:50:23	4221	Line	469 390.9	5 909 502.0	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:50:32	4222	Line	469 386.7	5 909 499.5	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:50:40	4223	Line	469 380.1	5 909 495.5	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:50:46	4224	Line	469 377.3	5 909 493.7	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:50:55	4225	Line	469 369.8	5 909 488.2	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:51:00	4226	Line	469 367.0	5 909 486.7	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:51:37	4227	Line	469 361.6	5 909 483.9	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:51:44	4228	Line	469 356.5	5 909 481.9	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:51:57	4229	Line	469 349.0	5 909 477.8	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:52:06	4230	Line	469 342.8	5 909 474.4	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:52:14	4231	Line	469 338.9	5 909 470.5	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:52:44	4232	Line	469 336.5	5 909 469.6	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:52:50	4233	Line	469 332.7	5 909 468.9	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:53:02	4234	Line	469 325.6	5 909 464.5	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:53:12	4235	Line	469 321.1	5 909 462.8	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:53:34	4236	Line	469 325.4	5 909 442.9	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:54:54	4237	Line	469 336.9	5 909 443.4	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	08:55:02	4238	Line	469 347.1	5 909 446.7	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:55:23	4239	Target Note	469 363.3	5 909 462.4	-	Wooden groyne pole. Barnacles (<i>Sessilia</i>), Green ephemerals (<i>Blidingia/Ulothrix</i>)
21/08/2020	08:55:23	4239	200145_EB_696	469 363.3	5 909 462.4	Down	Littoral rock (Wooden groyne pole). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	08:55:53	4240	Line	469 368.8	5 909 461.0	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:56:10	4241	Line	469 384.7	5 909 474.1	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:56:22	4242	Line	469 394.4	5 909 484.4	-	Consolidated mud (peat exposures). Green ephemerals (<i>Ulva</i> sp.)
21/08/2020	08:56:56	4243	Field Note	469 418.7	5 909 449.6	S	Anthropogenic: Littoral rock (wooden groyne 9) - Bottom. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	08:56:56	4243	200145_EB_697	469 418.7	5 909 449.6	S	Littoral rock (wooden groyne 9). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	08:56:56	4243	200145_EB_698	469 418.7	5 909 449.6	N	Down sand
21/08/2020	08:56:56	4243	200145_EB_699	469 418.7	5 909 449.6	E	Along sand
21/08/2020	08:56:56	4243	200145_EB_700	469 418.7	5 909 449.6	W	Along sand
21/08/2020	08:56:56	4243	200145_EB_701	469 418.7	5 909 449.6	Down	Littoral rock (wooden groyne 9). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	08:58:21	4244	200145_EB_702	469 420.7	5 909 436.9	Down	Littoral rock (wooden groyne 9). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	08:59:18	4245	200145_EB_703	469 425.8	5 909 424.7	Down	Littoral rock (wooden groyne 9). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	08:59:18	4245	200145_EB_704	469 425.8	5 909 424.7	Down	Littoral rock (wooden groyne 9). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	09:00:26	4246	200145_EB_705	469 426.7	5 909 407.7	Down	Littoral rock (wooden groyne 9). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals
21/08/2020	09:00:26	4246	200145_EB_706	469 426.7	5 909 407.7	Down	Littoral rock (wooden groyne 9). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:01:56	4247	200145_EB_707	469 431.7	5 909 390.9	Down	Littoral rock (wooden groyne 9). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), green (<i>Ulva ?intestinalis</i>) and red (?Porphyra sp.) ephemerals, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:01:56	4247	200145_EB_708	469 431.7	5 909 390.9	Down	Littoral rock (wooden groyne 9). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), green (<i>Ulva ?intestinalis</i>) and red (?Porphyra sp.) ephemerals, wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:03:23	4248	Field Note	469 434.9	5 909 374.1	-	Littoral rock (wooden groyne 9). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	09:03:45	4249	Target Note	469 440.3	5 909 356.7	-	Anthropogenic: Littoral rock (wooden groyne 9) - Top
21/08/2020	09:03:45	4249	200145_EB_709	469 440.3	5 909 356.7	N	Down Littoral rock (wooden groyne 9) from top
21/08/2020	09:03:45	4249	200145_EB_710	469 440.3	5 909 356.7	E	Along seawall from top of Littoral rock (wooden groyne 9)
21/08/2020	09:03:45	4249	200145_EB_711	469 440.3	5 909 356.7	W	Along seawall from top of Littoral rock (wooden groyne 9)
21/08/2020	09:05:27	4250	Line	469 444.3	5 909 364.6	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:05:27	4250	200145_EB_712	469 444.3	5 909 364.6	E	Along coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:06:26	4251	Line	469 454.1	5 909 366.2	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:06:40	4252	Line	469 464.9	5 909 367.6	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:06:40	4252	200145_EB_713	469 464.9	5 909 367.6	Down	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:06:40	4252	200145_EB_714	469 464.9	5 909 367.6	Down	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:07:47	4253	Line	469 473.1	5 909 371.2	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:07:59	4254	Line	469 484.3	5 909 373.8	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:08:09	4255	Line	469 494.8	5 909 375.9	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:08:19	4256	Line	469 504.8	5 909 377.9	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:08:27	4257	Line	469 509.1	5 909 379.1	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:08:40	4258	Line	469 517.6	5 909 379.8	-	Coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:08:40	4258	200145_EB_715	469 517.6	5 909 379.8	W	Along coarse (sand, pebbles, cobbles ~1 m wide)
21/08/2020	09:08:40	4258	200145_EB_716	469 517.6	5 909 379.8	N	Down over mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:11:11	4259	Line	469 519.8	5 909 411.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:11:11	4259	200145_EB_717	469 519.8	5 909 411.0	S	Up over mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
21/08/2020	09:11:11	4259	200145_EB_718	469 519.8	5 909 411.0	SE	Along mixed (muddy sand, pebbles, cobbles)
21/08/2020	09:12:12	4260	Line	469 528.8	5 909 410.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:12:21	4261	Line	469 536.3	5 909 413.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:12:33	4262	Line	469 546.1	5 909 413.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:12:46	4263	Line	469 553.6	5 909 414.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:12:54	4264	Line	469 557.0	5 909 418.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:13:02	4265	Line	469 562.4	5 909 418.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:13:10	4266	Line	469 567.7	5 909 420.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:13:10	4266	200145_EB_719	469 567.7	5 909 420.4	S	Up over mixed to consolidated mud (peat)
21/08/2020	09:14:05	4267	Line	469 576.5	5 909 422.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:14:12	4268	Line	469 582.1	5 909 423.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:14:23	4269	Line	469 589.6	5 909 429.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:14:32	4270	Line	469 594.9	5 909 427.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:14:40	4271	Line	469 594.3	5 909 421.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:14:48	4272	Line	469 598.5	5 909 417.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:14:58	4273	Line	469 604.0	5 909 414.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:15:10	4274	Line	469 598.6	5 909 414.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
21/08/2020	09:15:10	4274	200145_EB_720	469 598.6	5 909 414.5	SW	Along mixed (consolidated mud (peat), sand, pebbles, cobbles)
21/08/2020	09:16:09	4275	Line	469 594.6	5 909 412.8	-	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:16:15	4276	Line	469 590.0	5 909 410.0	-	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:16:15	4276	200145_EB_721	469 590.0	5 909 410.0	Down	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:16:15	4276	200145_EB_722	469 590.0	5 909 410.0	Down	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:17:22	4277	Line	469 586.4	5 909 411.5	-	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:17:31	4278	Line	469 585.4	5 909 414.5	-	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:17:31	4278	200145_EB_723	469 585.4	5 909 414.5	Down	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:17:31	4278	200145_EB_724	469 585.4	5 909 414.5	Down	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:17:31	4278	200145_EB_725	469 585.4	5 909 414.5	Down	Down over mixed (muddy sand, pebble, cobbles). Ephemerals greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:17:31	4278	200145_EB_726	469 585.4	5 909 414.5	Down	Down over mixed (muddy sand, pebble, cobbles). Ephemerals greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:18:33	4279	Line	469 581.8	5 909 409.8	-	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:18:41	4280	Line	469 575.7	5 909 410.6	-	Consolidated mud (peat) exposure. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:18:51	4281	Line	469 575.5	5 909 407.6	-	Consolidated mud (peat) exposure, inc. wooden trunk. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:18:51	4281	200145_EB_727	469 575.5	5 909 407.6	Down	Consolidated mud (peat) exposure, inc. wooden trunk. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:18:51	4281	200145_EB_728	469 575.5	5 909 407.6	Down	Consolidated mud (peat) exposure, inc. wooden trunk. Green ephemerals (? <i>Ulva</i> sp.)
21/08/2020	09:19:43	4282	Line	469 572.5	5 909 405.6	-	?Consolidated mud (peat) exposure/Mixed (cobbles) overlaying. Green ephemerals (? <i>Ulva</i> sp.) on both
21/08/2020	09:19:51	4283	Line	469 569.2	5 909 407.6	-	?Consolidated mud (peat) exposure/Mixed (cobbles) overlaying. Green ephemerals (? <i>Ulva</i> sp.) on both
21/08/2020	09:20:04	4284	Line	469 569.8	5 909 399.7	-	?Consolidated mud (peat) exposure/Mixed (cobbles) overlaying. Green ephemerals (? <i>Ulva</i> sp.) on both
21/08/2020	09:20:39	4285	Line	469 574.2	5 909 398.4	-	?Consolidated mud (peat) exposure/Mixed (cobbles) overlaying. Green ephemerals (? <i>Ulva</i> sp.) on both
21/08/2020	09:20:45	4286	Line	469 577.6	5 909 396.8	-	?Consolidated mud (peat) exposure/Mixed (cobbles) overlaying. Green ephemerals (? <i>Ulva</i> sp.) on both
21/08/2020	09:20:52	4287	Line	469 582.7	5 909 399.0	-	?Consolidated mud (peat) exposure/Mixed (cobbles) overlaying. Green ephemerals (? <i>Ulva</i> sp.) on both

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:21:07	4288	Line	469 592.9	5 909 404.9	-	?Consolidated mud (peat) exposure/Mixed (cobble) overlaying. Green ephemerals (?Ulva sp.) on both
21/08/2020	09:21:18	4289	Line	469 600.2	5 909 410.8	-	Consolidated mud (peat) exposure - end of
21/08/2020	09:21:59	4290	Line	469 601.4	5 909 412.9	-	Coarse (sand, drift pebbles)
21/08/2020	09:21:59	4290	200145_EB_729	469 601.4	5 909 412.9	SW	Along strandline
21/08/2020	09:22:20	4291	Line	469 614.9	5 909 412.7	-	Coarse
21/08/2020	09:22:20	4291	200145_EB_730	469 614.9	5 909 412.7	W	Along strandline
21/08/2020	09:24:39	4292	Line	469 611.1	5 909 441.6	-	Coarse patch/pebbles (on the side of the groyne)
21/08/2020	09:24:39	4292	200145_EB_731	469 611.1	5 909 441.6	N	Down groyne with coarse (sand, pebbles, cobbles)
21/08/2020	09:25:48	4293	Line	469 610.0	5 909 453.3	-	Coarse patch/pebbles (on the side of the groyne)
21/08/2020	09:26:59	4294	Line	469 607.6	5 909 458.9	-	Coarse patch/pebbles (on the side of the groyne)
21/08/2020	09:26:59	4294	200145_EB_732	469 607.6	5 909 458.9	Down	Coarse (sand, pebbles, cobbles)
21/08/2020	09:26:59	4294	200145_EB_733	469 607.6	5 909 458.9	Down	Coarse (sand, pebbles, cobbles)
21/08/2020	09:27:07	4295	Line	469 605.7	5 909 463.4	B-	Coarse patch/pebbles (on the side of the groyne)
21/08/2020	09:27:07	4295	200145_EB_734	469 605.7	5 909 463.4	S	Up over coarse (sand, pebbles, cobbles) to seawall
21/08/2020	09:28:09	4296	Line	469 621.6	5 909 436.9	-	Coarse (sand, drift pebbles)
21/08/2020	09:28:23	4297	Line	469 634.1	5 909 442.5	-	Coarse (sand, drift pebbles)
21/08/2020	09:28:47	4298	Line	469 646.2	5 909 441.3	-	Coarse (sand, drift pebbles)
21/08/2020	09:29:02	4299	Line	469 662.0	5 909 447.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:29:15	4300	Line	469 674.5	5 909 453.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:29:24	4301	Line	469 678.8	5 909 460.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:29:33	4302	Line	469 683.9	5 909 465.0	-	Coarse (sand, drift pebbles)
21/08/2020	09:29:44	4303	Line	469 694.4	5 909 468.1	-	Coarse (sand, drift pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:29:53	4304	Line	469 694.1	5 909 460.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:30:03	4305	Line	469 699.5	5 909 453.2	-	Coarse (sand, drift pebbles)
21/08/2020	09:30:03	4305	200145_EB_735	469 699.5	5 909 453.2	W	Along strandline
21/08/2020	09:31:02	4306	Line	469 698.9	5 909 441.6	-	Coarse (sand, drift pebbles)
21/08/2020	09:31:16	4307	Line	469 686.0	5 909 439.2	-	Coarse (sand, drift pebbles)
21/08/2020	09:31:29	4308	Line	469 673.0	5 909 438.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:31:45	4309	Line	469 656.7	5 909 433.9	-	Coarse (sand, drift pebbles)
21/08/2020	09:31:57	4310	Line	469 644.0	5 909 432.3	-	Coarse (sand, drift pebbles)
21/08/2020	09:32:11	4311	Line	469 630.0	5 909 431.7	-	Coarse (sand, drift pebbles)
21/08/2020	09:32:37	4312	Line	469 620.7	5 909 437.8	-	Coarse (sand, drift pebbles)
21/08/2020	09:32:45	4313	Line	469 625.7	5 909 442.5	-	Coarse (sand, drift pebbles)
21/08/2020	09:34:48	4314	Line	469 696.5	5 909 478.4	-	Coarse (sand, drift pebbles)
21/08/2020	09:34:48	4314	200145_EB_736	469 696.5	5 909 478.4	N	Down groyne over coarse (sand, pebbles, cobbles)
21/08/2020	09:35:53	4315	Line	469 695.0	5 909 482.3	-	Patch of coarse/pebbles (on the side of the groyne)
21/08/2020	09:36:03	4316	Line	469 692.8	5 909 490.0	-	Patch of coarse/pebbles (on the side of the groyne)
21/08/2020	09:36:10	4317	Line	469 691.2	5 909 490.4	-	Patch of coarse/pebbles (on the side of the groyne)
21/08/2020	09:36:10	4317	200145_EB_737	469 691.2	5 909 490.4	S	Up groyne over coarse (sand, pebbles, cobbles)
21/08/2020	09:37:14	4318	Line	469 702.3	5 909 479.2	-	Coarse (sand, drift pebbles)
21/08/2020	09:37:14	4318	200145_EB_738	469 702.3	5 909 479.2	Down	Strandline
21/08/2020	09:38:26	4319	Line	469 711.1	5 909 483.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:38:40	4320	Line	469 724.0	5 909 484.7	-	Coarse (sand, drift pebbles)
21/08/2020	09:39:09	4321	Line	469 739.3	5 909 482.6	-	Coarse (sand, drift pebbles)
21/08/2020	09:39:20	4322	Line	469 744.8	5 909 487.8	-	Coarse (sand, drift pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:39:29	4323	Line	469 751.5	5 909 488.5	-	Coarse (sand, drift pebbles)
21/08/2020	09:39:38	4324	Line	469 758.2	5 909 489.0	-	Coarse (sand, drift pebbles)
21/08/2020	09:39:48	4325	Line	469 764.7	5 909 493.4	-	Coarse (sand, drift pebbles)
21/08/2020	09:39:57	4326	Line	469 772.3	5 909 495.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
21/08/2020	09:39:57	4326	200145_EB_739	469 772.3	5 909 495.1	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:40:28	4327	Line	469 768.2	5 909 501.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:40:39	4328	Line	469 769.7	5 909 505.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:40:47	4329	Line	469 772.1	5 909 507.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:41:10	4330	Line	469 777.9	5 909 507.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:41:19	4331	Line	469 776.1	5 909 500.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:41:32	4332	Line	469 773.6	5 909 491.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:41:32	4332	200145_EB_740	469 773.6	5 909 491.6	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:42:24	4333	Line	469 772.4	5 909 503.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:42:24	4333	200145_EB_741	469 772.4	5 909 503.0	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:43:13	4325	Line	469 780.6	5 909 475.5	-	Coarse (sand, drift pebbles)
21/08/2020	09:43:44	4335	Line	469 766.6	5 909 472.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:43:51	4336	Line	469 758.7	5 909 473.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:44:01	4337	Line	469 748.4	5 909 468.2	-	Coarse (sand, drift pebbles)
21/08/2020	09:44:13	4338	Line	469 737.7	5 909 464.0	-	Coarse (sand, drift pebbles)
21/08/2020	09:44:28	4339	Line	469 721.6	5 909 462.5	-	Coarse (sand, drift pebbles)
21/08/2020	09:44:40	4340	Line	469 708.6	5 909 462.4	-	Coarse (sand, drift pebbles)
21/08/2020	09:44:51	4341	Line	469 698.0	5 909 461.9	-	Coarse (sand, drift pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:44:51	4341	200145_EB_742	469 698.0	5 909 461.9	E	Along strandline
21/08/2020	09:49:16	4342	Line	469 871.1	5 909 503.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:49:16	4342	200145_EB_743	469 871.1	5 909 503.1	Down	Strandline
21/08/2020	09:49:42	4343	Line	469 872.6	5 909 517.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:49:51	4344	Line	469 877.9	5 909 522.9	-	Coarse (sand, drift pebbles)
21/08/2020	09:50:05	4345	Line	469 893.2	5 909 524.7	-	Coarse (sand, drift pebbles)
21/08/2020	09:50:20	4346	Line	469 908.7	5 909 530.6	-	Coarse (sand, drift pebbles)
21/08/2020	09:50:31	4347	Line	469 918.4	5 909 533.5	-	Coarse (sand, drift pebbles)
21/08/2020	09:50:43	4348	Line	469 929.2	5 909 539.4	-	Coarse (sand, drift pebbles)
21/08/2020	09:50:55	4349	Line	469 940.6	5 909 546.5	-	Coarse (sand, drift pebbles)
21/08/2020	09:51:02	4350	Line	469 946.6	5 909 551.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:51:12	4351	Line	469 955.0	5 909 547.1	-	Coarse (sand, drift pebbles)
21/08/2020	09:51:27	4352	Line	469 956.5	5 909 537.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:51:27	4352	200145_EB_744	469 956.5	5 909 537.1	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:52:42	4353	Line	469 963.2	5 909 512.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:31	4354	Line	469 955.8	5 909 511.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:56	4355	Line	469 961.0	5 909 504.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:53:56	4355	200145_EB_745	469 961.0	5 909 504.9	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:55:37	4356	Line	469 961.2	5 909 507.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:55:46	4357	Line	469 966.9	5 909 509.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:55:56	4358	Line	469 968.9	5 909 501.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:56:03	4359	Line	469 971.1	5 909 498.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:56:15	4360	Line	469 972.6	5 909 491.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	09:56:23	4361	Line	469 969.9	5 909 491.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:56:32	4362	Line	469 967.2	5 909 495.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:56:45	4363	Line	469 961.9	5 909 494.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:56:51	4364	Line	469 958.3	5 909 492.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:57:00	4365	Line	469 958.1	5 909 498.1	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:57:06	4366	Line	469 954.9	5 909 497.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:57:14	4367	Line	469 949.9	5 909 497.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:57:34	4368	Line	469 956.0	5 909 502.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:57:34	4368	200145_EB_746	469 956.0	5 909 502.0	NE	Along mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	09:59:13	4369	Target Note	469 940.5	5 909 513.1	-	Littoral rock (Boulder). Green ephemerals (<i>Ulva ?intestinalis</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:59:13	4369	200145_EB_747	469 940.5	5 909 513.1	Down	Littoral rock (Boulder). Green ephemerals (<i>Ulva ?intestinalis</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	09:59:13	4369	200145_EB_748	469 940.5	5 909 513.1	Down	Littoral rock (Boulder). Green ephemerals (<i>Ulva ?intestinalis</i>), wrack (<i>Fucus ?spiralis</i>)
21/08/2020	10:03:03	4370	Target Note	469 968.6	5 909 491.6	-	Access: entrance platform to the shore
21/08/2020	10:03:03	4370	200145_EB_749	469 968.6	5 909 491.6	E	Along seawall
21/08/2020	10:03:03	4370	200145_EB_750	469 968.6	5 909 491.6	W	Access: entrance platform to the shore
21/08/2020	10:04:12	4371	200145_EB_751	469 996.6	5 909 498.5	E	Along seawall
21/08/2020	10:04:12	4371	200145_EB_752	469 996.6	5 909 498.5	N	Down over mixed
21/08/2020	10:04:12	4371	200145_EB_753	469 996.6	5 909 498.5	W	Along seawall
21/08/2020	10:05:25	4372	200145_EB_754	470 038.6	5 909 512.8	E	Along seawall
21/08/2020	10:05:25	4372	200145_EB_755	470 038.6	5 909 512.8	N	Down over mixed
21/08/2020	10:05:25	4372	200145_EB_756	470 038.6	5 909 512.8	W	Along seawall
21/08/2020	10:07:48	4373	Line	470 023.1	5 909 548.4	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	10:07:55	4374	Line	470 014.8	5 909 540.5	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:04	4375	Line	470 007.6	5 909 541.5	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:11	4376	Line	470 002.7	5 909 537.8	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:17	4377	Line	469 998.9	5 909 536.2	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:24	4378	Line	469 995.1	5 909 537.3	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:30	4379	Line	469 991.9	5 909 535.7	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:36	4380	Line	469 988.7	5 909 533.9	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:43	4381	Line	469 984.6	5 909 533.0	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:50	4382	Line	469 981.7	5 909 530.5	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:08:57	4383	Line	469 977.5	5 909 529.1	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:09:11	4384	Line	469 972.5	5 909 528.1	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:09:20	4385	Line	469 971.0	5 909 523.0	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:09:43	4386	Line	469 969.0	5 909 523.6	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:09:51	4387	Line	469 965.8	5 909 525.4	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	10:10:07	4388	Line	469 964.2	5 909 528.9	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:10:25	4389	Line	469 966.3	5 909 520.5	-	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:13:07	4390	200145_EB_757	470 016.5	5 909 505.3	Down	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:13:07	4390	200145_EB_758	470 016.5	5 909 505.3	Down	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:13:07	4390	200145_EB_759	470 016.5	5 909 505.3	Down	Mixed (muddy sand, pebbles cobbles, boulders). Ephemeral greens (<i>Ulva intestinalis</i>), infrequent barnacles (Sessilia)
21/08/2020	10:13:52	4391	200145_EB_760	470 016.3	5 909 518.9	Down	Strandline
21/08/2020	10:13:52	4391	200145_EB_761	470 016.3	5 909 518.9	Down	Mixed
21/08/2020	10:14:53	4392	200145_EB_762	470 020.1	5 909 528.0	Down	Sand
21/08/2020	10:15:36	4393	200145_EB_763	470 041.2	5 909 525.2	Down	Mixed
21/08/2020	10:15:36	4393	200145_EB_764	470 041.2	5 909 525.2	Down	Consolidated mud (peat) exposure/Mixed
21/08/2020	10:16:31	4394	200145_EB_765	470 056.7	5 909 523.6	Down	Consolidated mud (peat) exposure/Coarse
21/08/2020	15:44:10	3280	Line	470 358.4	5 909 657.0	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:44:38	3281	Line	470 347.4	5 909 652.5	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:44:50	3282	Line	470 339.5	5 909 644.3	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:44:59	3283	Line	470 333.4	5 909 640.7	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:45:08	3284	Line	470 329.4	5 909 636.3	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:45:15	3285	Line	470 325.5	5 909 635.3	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:45:21	3286	Line	470 322.1	5 909 635.8	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:45:29	3287	Line	470 320.5	5 909 631.8	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:45:34	3288	Line	470 319.2	5 909 628.8	-	Coarse (rock dump boulders, pebbles, sand)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	15:45:40	3289	Line	470 316.4	5 909 626.7	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:45:45	3290	Line	470 313.8	5 909 629.2	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:45:54	3291	Line	470 312.2	5 909 624.5	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:45:54	3291	200145_EB_766	470 312.2	5 909 624.5	E	Along barren littoral shingle
21/08/2020	15:46:42	3292	Line	470 309.5	5 909 620.8	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:46:50	3293	Line	470 301.6	5 909 620.5	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:46:56	3294	Line	470 297.5	5 909 618.2	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:47:05	3295	Line	470 290.8	5 909 615.0	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:47:12	3296	Line	470 286.3	5 909 613.5	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:47:16	3297	Line	470 283.5	5 909 612.2	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:47:26	3298	Line	470 278.6	5 909 607.1	-	Coarse (rock dump boulders, pebbles, sand)
21/08/2020	15:47:26	3298	200145_EB_767	470 278.6	5 909 607.1	E	Along end of bottom line of barren littoral shingle
21/08/2020	15:48:20	3299	200145_EB_768	470 275.5	5 909 603.9	Down	Anthropogenic: Seawall steps. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	15:48:20	3299	200145_EB_769	470 275.5	5 909 603.9	Down	Anthropogenic: Seawall steps. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	15:50:13	3300	200145_EB_770	470 226.6	5 909 580.1	Down	Anthropogenic: Seawall steps. Green ephemerals (<i>Ulva ?intestinalis</i>). Lichens
21/08/2020	15:50:13	3300	200145_EB_771	470 226.6	5 909 580.1	Down	Anthropogenic: Seawall steps. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	15:51:32	3301	200145_EB_772	470 197.4	5 909 566.5	Down	Anthropogenic: Seawall steps. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	15:51:32	3301	200145_EB_773	470 197.4	5 909 566.5	Down	Anthropogenic: Seawall steps. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	15:52:34	3302	Line	470 193.3	5 909 562.8	-	Coarse (sand with accumulated pebbles)
21/08/2020	15:52:34	3302	200145_EB_774	470 193.3	5 909 562.8	W	Along strandline
21/08/2020	15:52:34	3302	200145_EB_775	470 193.3	5 909 562.8	W	Strandline
21/08/2020	15:53:08	3303	Line	470 193.0	5 909 562.3	-	Coarse (sand with accumulated pebbles)
21/08/2020	15:53:45	3304	Line	470 185.2	5 909 562.5	-	Coarse (sand with accumulated pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	15:53:55	3305	Line	470 175.1	5 909 559.5	-	Coarse (sand with accumulated pebbles)
21/08/2020	15:54:04	3306	Line	470 167.4	5 909 557.0	-	Coarse (sand with accumulated pebbles)
21/08/2020	15:54:11	3307	Line	470 161.2	5 909 554.2	-	Coarse (sand with accumulated pebbles)
21/08/2020	15:54:19	3308	Line	470 155.5	5 909 552.1	-	Coarse (sand with accumulated pebbles)
21/08/2020	15:54:27	3309	Line	470 150.0	5 909 549.2	-	Coarse (sand with accumulated pebbles)
21/08/2020	15:54:27	3309	200145_EB_776	470 150.0	5 909 549.2	E	Along strandline
21/08/2020	15:54:27	3309	200145_EB_777	470 150.0	5 909 549.2	Down	Seawall. Grey/yellow lichens, Green ephemeral (? <i>Ulva</i> sp.)
21/08/2020	15:55:19	3310	200145_EB_778	470 135.6	5 909 541.7	Down	Seawall access (Stairs). Green ephemerals
21/08/2020	15:56:37	3311	200145_EB_779	470 124.8	5 909 535.4	Down	Seawall. Grey/yellow lichens
21/08/2020	15:57:19	3312	200145_EB_780	470 104.0	5 909 530.8	Down	Seawall. Grey/yellow lichens
21/08/2020	15:57:19	3312	200145_EB_781	470 104.0	5 909 530.8	Down	Seawall. Yellow lichens
21/08/2020	15:57:19	3312	200145_EB_782	470 104.0	5 909 530.8	Down	Seawall steps. Green ephemerals
21/08/2020	15:59:01	3313	Field Note	470 047.7	5 909 515.2	-	Seawall access (Stairs). Yellow lichens
21/08/2020	16:01:58	3314	200145_EB_783	469 951.5	5 909 485.9	Down	Seawall. Grey/yellow lichens
21/08/2020	16:01:58	3314	200145_EB_784	469 951.5	5 909 485.9	Down	Seawall metal steps. Green ephemerals
21/08/2020	16:01:58	3314	200145_EB_785	469 951.5	5 909 485.9	Down	Seawall. Grey/yellow lichens
21/08/2020	16:03:45	3315	200145_EB_786	469 885.8	5 909 467.8	Down	Seawall. Grey/yellow lichens
21/08/2020	16:05:17	3316	200145_EB_787	469 830.3	5 909 451.4	Down	Seawall. Grey/yellow lichens
21/08/2020	16:05:17	3316	200145_EB_788	469 830.3	5 909 451.4	Down	Seawall steps. Green ephemeral
21/08/2020	16:05:17	3316	200145_EB_789	469 830.3	5 909 451.4	Down	Seawall. Grey/yellow lichens
21/08/2020	16:06:51	3317	200145_EB_790	469 785.2	5 909 434.3	Down	Seawall. Green ephemeral
21/08/2020	16:06:51	3317	200145_EB_791	469 785.2	5 909 434.3	Down	Seawall rockpool. Green ephemeral
21/08/2020	16:06:51	3317	200145_EB_792	469 785.2	5 909 434.3	Down	Seawall. Grey/yellow lichen

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:08:45	3318	Target Note	469 747.9	5 909 426.5	-	Seawall access (Stairs). Grey and yellow lichens, ?green ephemeral
21/08/2020	16:09:28	3319	Target Note	469 691.1	5 909 414.2	-	Seawall access (Stairs). Grey and yellow lichens, ?green ephemeral
21/08/2020	16:09:37	3320	200145_EB_793	469 686.9	5 909 412.1	Down	Seawall. Grey/yellow lichens
21/08/2020	16:11:14	3321	200145_EB_794	469 629.3	5 909 391.3	Down	Seawall. Grey/yellow lichens
21/08/2020	16:12:17	3322	200145_EB_795	469 581.8	5 909 384.4	Down	Seawall. Grey/yellow lichens, <i>Verrucaria</i>
21/08/2020	16:12:17	3322	200145_EB_796	469 581.8	5 909 384.4	N	Down over consolidated mud (peat). Ephemeral greens
21/08/2020	16:13:51	3323	Field Note	469 552.9	5 909 380.5	-	Seawall steps
21/08/2020	16:14:35	3324	Field Note	469 513.2	5 909 371.1	-	Seawall steps
21/08/2020	16:15:30	3325	Field Note	469 468.7	5 909 361.2	-	Seawall steps
21/08/2020	16:16:09	3326	Line	469 436.5	5 909 362.0	-	Coarse (sand, pebbles) next to groyne
21/08/2020	16:16:09	3326	200145_EB_797	469 436.5	5 909 362.0	N	Coarse (sand, pebbles) next to groyne
21/08/2020	16:18:36	3327	Line	469 439.7	5 909 361.3	-	Coarse (sand, pebbles) next to groyne
21/08/2020	16:18:46	3328	Line	469 438.4	5 909 369.0	-	Coarse (sand, pebbles) next to groyne
21/08/2020	16:19:51	3329	Line	469 448.3	5 909 357.8	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:19:51	3329	200145_EB_798	469 448.3	5 909 357.8	E	Strandline
21/08/2020	16:19:51	3329	200145_EB_799	469 448.3	5 909 357.8	Down	Strandline
21/08/2020	16:21:56	3330	Line	469 454.3	5 909 359.2	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:02	3331	Line	469 457.7	5 909 363.0	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:08	3332	Line	469 463.1	5 909 365.0	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:15	3333	Line	469 469.2	5 909 368.1	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:20	3334	Line	469 474.6	5 909 368.6	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:25	3335	Line	469 479.0	5 909 370.7	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:30	3336	Line	469 483.7	5 909 371.8	-	Coarse (sand with accumulated pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:22:35	3337	Line	469 489.3	5 909 373.4	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:41	3338	Line	469 494.7	5 909 374.6	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:46	3339	Line	469 498.3	5 909 375.2	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:22:55	3340	Line	469 502.5	5 909 376.4	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:23:01	3341	Line	469 505.9	5 909 375.7	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:23:07	3342	Line	469 510.5	5 909 377.1	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:23:15	3343	Line	469 517.7	5 909 377.0	-	Coarse (sand with accumulated pebbles)
21/08/2020	16:25:49	3344	Target Note	469 492.2	5 909 529.4	-	Anthropogenic: Outflow
21/08/2020	16:28:01	3345	Target Note	469 477.1	5 909 544.9	-	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red ephemerals (? <i>Porphyra</i> sp.), mussels (<i>Mytilus edulis</i>)
21/08/2020	16:28:01	3345	200145_EB_800	469 477.1	5 909 544.9	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red ephemerals (? <i>Porphyra</i> sp.), mussels (<i>Mytilus edulis</i>)
21/08/2020	16:28:01	3345	200145_EB_801	469 477.1	5 909 544.9	Down	Vertical edge of outflow. Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva</i> sp.) and red ephemerals (? <i>Porphyra</i> sp.), mussels (<i>Mytilus edulis</i>)
21/08/2020	16:28:11	3346	Line	469 475.4	5 909 551.4	-	Patch of muddy sand
21/08/2020	16:28:25	3347	Line	469 468.7	5 909 554.6	-	Patch of muddy sand
21/08/2020	16:28:32	3348	Line	469 461.4	5 909 556.5	-	Patch of muddy sand
21/08/2020	16:28:41	3349	Line	469 459.5	5 909 553.8	-	Patch of muddy sand
21/08/2020	16:29:04	3350	Line	469 468.9	5 909 544.0	-	Patch of muddy sand
21/08/2020	16:29:04	3350	200145_EB_802	469 468.9	5 909 544.0	N	Down patch of muddy sand
21/08/2020	16:29:04	3350	200145_EB_803	469 468.9	5 909 544.0	N	Down patch of muddy sand
21/08/2020	16:30:02	3351	200145_EB_804	469 465.9	5 909 534.4	S	Up sand
21/08/2020	16:30:02	3351	200145_EB_805	469 465.9	5 909 534.4	W	Along sand
21/08/2020	16:30:02	3351	200145_EB_806	469 465.9	5 909 534.4	N	Down sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:30:02	3351	200145_EB_807	469 465.9	5 909 534.4	E	Along sand with some patches of muddy sand
21/08/2020	16:31:29	3352	Line	469 483.0	5 909 530.6	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:31:29	3352	200145_EB_808	469 483.0	5 909 530.6	W	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:31:29	3352	200145_EB_809	469 483.0	5 909 530.6	Down	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:32:41	3353	Line	469 481.2	5 909 530.4	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:32:47	3354	Line	469 475.6	5 909 529.2	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:32:57	3355	Line	469 468.3	5 909 526.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:33:08	3356	Line	469 459.6	5 909 521.4	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:33:17	3357	Line	469 451.9	5 909 518.2	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:33:28	3358	Line	469 447.3	5 909 513.7	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:33:34	3359	Line	469 444.6	5 909 511.4	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:33:44	3360	Line	469 436.0	5 909 508.8	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:33:51	3361	Line	469 433.1	5 909 504.1	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:33:56	3362	Line	469 429.7	5 909 502.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:34:04	3363	200145_EB_810	469 425.8	5 909 500.9	Down	Patch of coarse/shell fragments on sand
21/08/2020	16:34:04	3363	200145_EB_811	469 425.8	5 909 500.9	Down	Patch of coarse/shell fragments on sand
21/08/2020	16:35:25	3364	Line	469 422.1	5 909 500.9	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:35:32	3365	Line	469 416.4	5 909 499.0	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:35:39	3366	Line	469 411.8	5 909 496.4	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:35:48	3367	Line	469 406.8	5 909 491.6	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:35:58	3368	Line	469 399.5	5 909 488.1	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:36:07	3369	Line	469 393.3	5 909 482.9	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:36:13	3370	Line	469 391.2	5 909 479.0	-	Coarse (sand, pebbles, shell fragments) - sparse strip

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:36:21	3371	Line	469 387.2	5 909 473.2	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:36:29	3372	Line	469 383.0	5 909 468.2	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:36:37	3373	Line	469 378.6	5 909 463.6	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:36:44	3374	Line	469 372.5	5 909 462.2	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:36:50	3375	Line	469 369.2	5 909 459.7	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:36:58	3376	Line	469 362.6	5 909 455.6	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:37:08	3377	Line	469 354.5	5 909 450.5	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:37:18	3378	Line	469 348.0	5 909 445.7	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:37:26	3379	Line	469 340.4	5 909 441.7	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:37:37	3380	Line	469 330.4	5 909 437.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:37:42	3381	Line	469 328.5	5 909 434.8	-	Coarse (sand, pebbles, shell fragments) - sparse strip
21/08/2020	16:37:49	3382	Line	469 330.5	5 909 430.4	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:37:56	3383	Line	469 334.8	5 909 431.6	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:39:03	3384	Line	469 344.7	5 909 435.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:39:03	3384	200145_EB_812	469 344.7	5 909 435.3	E	Along top line of sparse coarse/shell fragments stripe on sand
21/08/2020	16:39:24	3385	Line	469 351.3	5 909 439.8	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:39:31	3386	Line	469 356.6	5 909 443.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:39:40	3387	Line	469 364.2	5 909 449.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:39:49	3388	Line	469 372.3	5 909 453.1	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:39:54	3389	Line	469 377.6	5 909 455.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:40:04	3390	Line	469 387.5	5 909 461.1	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:40:14	3391	Line	469 393.1	5 909 470.9	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:40:24	3392	Line	469 399.9	5 909 478.2	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:40:32	3393	Line	469 407.9	5 909 481.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:40:39	3394	Line	469 413.3	5 909 480.6	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:40:47	3395	Line	469 418.3	5 909 489.2	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:40:54	3396	Line	469 423.4	5 909 493.5	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:41:03	3397	Line	469 432.9	5 909 495.7	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:41:14	3398	Line	469 443.0	5 909 503.1	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:41:24	3399	Line	469 450.1	5 909 510.5	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:41:29	3400	Line	469 455.1	5 909 513.3	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:41:36	3401	Line	469 464.3	5 909 515.6	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:41:49	3402	Line	469 478.7	5 909 521.4	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:42:02	3403	Line	469 487.5	5 909 523.0	-	Coarse (sand, pebbles, shell fragments) - sparse strip (2)
21/08/2020	16:44:26	3404	200145_EB_813	469 471.8	5 909 419.4	N	Down sand with sparse coarse (pebbles)
21/08/2020	16:44:26	3404	200145_EB_814	469 471.8	5 909 419.4	Down	Sand with sparse coarse (pebbles)
21/08/2020	16:44:26	3404	200145_EB_815	469 471.8	5 909 419.4	S	Up sand with sparse coarse (pebbles)
21/08/2020	16:47:32	3405	200145_EB_816	469 473.3	5 909 384.9	Down	Rippled sand (after tide came in) with patches of coarse in the depressions
21/08/2020	16:47:32	3405	200145_EB_817	469 473.3	5 909 384.9	Down	Rippled sand with patches of coarse in the depressions
21/08/2020	16:49:05	3406	Line	469 457.5	5 909 366.2	-	Consolidated mud (peat) exposure. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	16:49:05	3406	200145_EB_818	469 457.5	5 909 366.2	Down	Consolidated mud (peat) exposure. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	16:50:04	3407	Line	469 457.8	5 909 369.9	-	Consolidated mud (peat) exposure. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	16:50:09	3408	Line	469 459.7	5 909 371.5	-	Consolidated mud (peat) exposure. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	16:50:14	3409	Line	469 461.1	5 909 372.5	-	Consolidated mud (peat) exposure. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	16:50:24	3410	Line	469 463.5	5 909 374.5	-	Consolidated mud (peat) exposure. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	16:50:32	3411	Line	469 460.7	5 909 370.3	-	Consolidated mud (peat) exposure. Green ephemerals (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:50:37	3412	Line	469 459.0	5 909 367.7	-	Consolidated mud (peat) exposure. Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	16:51:12	3413	Line	469 468.4	5 909 372.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:51:12	3413	200145_EB_819	469 468.4	5 909 372.9	Down	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:52:21	3414	Line	469 485.3	5 909 376.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:52:21	3414	200145_EB_820	469 485.3	5 909 376.8	E	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:54:10	3415	Line	469 485.1	5 909 379.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:54:10	3415	200145_EB_821	469 485.1	5 909 379.8	Down	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:54:10	3415	200145_EB_822	469 485.1	5 909 379.8	Down	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:54:15	3416	Line	469 487.4	5 909 381.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:54:21	3417	Line	469 489.9	5 909 379.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:54:27	3418	Line	469 492.7	5 909 381.9	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:54:34	3419	Line	469 494.1	5 909 378.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:54:47	3420	200145_EB_823	469 496.6	5 909 382.9	Down	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:55:28	3421	Line	469 498.8	5 909 384.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:55:33	3422	Line	469 497.0	5 909 381.7	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:55:40	3423	Line	469 498.8	5 909 379.7	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:55:48	3424	Line	469 500.1	5 909 381.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:55:59	3425	Line	469 504.2	5 909 376.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:56:06	3426	Line	469 508.7	5 909 377.7	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:56:17	3427	Line	469 517.8	5 909 380.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:56:24	3428	Line	469 520.3	5 909 385.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:56:29	3429	Line	469 520.1	5 909 388.6	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:56:39	3430	Line	469 521.1	5 909 394.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	16:56:44	3431	Line	469 520.3	5 909 396.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:56:51	3432	Line	469 520.9	5 909 400.2	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:57:03	3433	Line	469 513.5	5 909 398.5	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>)
21/08/2020	16:57:13	3434	200145_EB_824	469 509.7	5 909 396.8	Down	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:57:13	3434	200145_EB_825	469 509.7	5 909 396.8	Down	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:58:14	3435	Field Note	469 507.9	5 909 391.1	-	Rippled sand with patches of coarse
21/08/2020	16:58:22	3436	Field Note	469 504.4	5 909 388.0	-	Rippled sand with patches of coarse
21/08/2020	16:58:31	3437	Field Note	469 498.4	5 909 384.8	-	Mixed (muddy sand, pebbles, cobbles, boulders). Barnacles (<i>Austrominius modestus</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	16:59:17	3438	200145_EB_826	469 512.6	5 909 402.4	Down	Rippled sand with patches of coarse
21/08/2020	17:00:53	3439	Field Note	469 512.4	5 909 404.8	-	Rippled sand with patches of coarse
21/08/2020	17:00:58	3440	Field Note	469 516.6	5 909 407.8	-	Rippled sand with patches of coarse
21/08/2020	17:01:03	3441	200145_EB_827	469 519.4	5 909 411.2	SW	Bottom of wooden groyne/View of rippled sand with patches of coarse
21/08/2020	17:02:05	3442	200145_EB_828	469 508.9	5 909 416.2	Down	Strandline
21/08/2020	17:06:49	3443	Target Note	469 394.0	5 909 496.7	-	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:06:49	3443	200145_EB_829	469 394.0	5 909 496.7	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:06:49	3443	200145_EB_830	469 394.0	5 909 496.7	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:21:13	3444	Line	469 400.6	5 909 495.9	-	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:21:13	3444	200145_EB_835	469 400.6	5 909 495.9	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:21:13	3444	200145_EB_836	469 400.6	5 909 495.9	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:21:13	3444	200145_EB_837	469 400.6	5 909 495.9	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:22:27	3445	Line	469 390.1	5 909 494.6	-	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	17:22:27	3445	200145_EB_838	469 390.1	5 909 494.6	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:24:59	3446	Line	469 385.1	5 909 488.7	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:24:59	3446	200145_EB_839	469 385.1	5 909 488.7	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:24:59	3446	200145_EB_840	469 385.1	5 909 488.7	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
21/08/2020	17:26:50	3447	Field Note	469 386.4	5 909 514.5	-	Sand with worm casts (<i>Arenicola</i> sp.)
21/08/2020	17:28:50	3448	200145_EB_841	469 366.9	5 909 553.2	Down	Sand with worm casts (<i>Arenicola</i> sp.)
21/08/2020	17:28:50	3448	200145_EB_842	469 366.9	5 909 553.2	S	Up sand towards consolidated mud (peat)
21/08/2020	17:28:50	3448	200145_EB_843	469 366.9	5 909 553.2	N	Down sand
21/08/2020	17:28:50	3448	200145_EB_844	469 366.9	5 909 553.2	E	Along sand
21/08/2020	17:28:50	3448	200145_EB_845	469 366.9	5 909 553.2	W	Along sand
21/08/2020	17:30:01	3449	Field Note	469 334.6	5 909 599.5	-	Sand with pebbles
21/08/2020	17:31:27	3450	Field Note	469 335.7	5 909 637.4	-	Sand
21/08/2020	17:44:28	3451	Field Note	469 429.4	5 909 502.8	-	?Sand
21/08/2020	17:56:47	3452	Line	469 596.1	5 909 419.5	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:56:54	3453	Line	469 593.1	5 909 424.2	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:03	3454	Line	469 590.9	5 909 433.5	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:12	3455	Line	469 584.1	5 909 425.9	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:18	3456	Line	469 579.7	5 909 423.9	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:25	3457	Line	469 571.2	5 909 421.5	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:29	3458	Line	469 568.7	5 909 420.4	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:35	3459	Line	469 563.2	5 909 417.1	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:39	3460	Line	469 559.7	5 909 419.2	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:43	3461	Line	469 556.8	5 909 418.2	-	Mixed (cobbles/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	17:57:49	3462	Line	469 553.9	5 909 414.5	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:57:54	3463	Line	469 550.8	5 909 413.3	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:58:01	3464	Line	469 545.5	5 909 414.5	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:58:05	3465	Line	469 544.0	5 909 414.8	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:58:11	3466	Line	469 539.0	5 909 413.2	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:58:17	3467	Line	469 535.9	5 909 414.1	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:58:22	3468	Line	469 531.9	5 909 410.8	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:58:28	3469	Line	469 528.6	5 909 410.0	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:58:40	3470	Line	469 519.6	5 909 410.0	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:59:42	3471	Line	469 572.9	5 909 413.5	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	17:59:54	3472	Line	469 571.8	5 909 406.1	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	18:00:01	3473	Line	469 577.6	5 909 407.9	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)
21/08/2020	18:00:06	3474	Target Note	469 581.0	5 909 411.8	-	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>)
21/08/2020	18:00:06	3474	200145_EB_846	469 581.0	5 909 411.8	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>)
21/08/2020	18:00:14	3475	Target Note	469 586.3	5 909 415.5	-	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>)
21/08/2020	18:00:14	3475	200145_EB_847	469 586.3	5 909 415.5	Down	Consolidated mud (peat) exposure. Piddocks (<i>Bivalvia</i>)
21/08/2020	18:00:25	3476	Line	469 591.3	5 909 425.4	-	Mixed (cobble/boulders/mud (peat) exposures). Green ephemerals (<i>Ulva ?intestinalis</i>)

B.1.3 WPM4 – ECR West C

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	16:01:19	0001	Field Note	461 279.5	5 905 423.3	-	Checking GPS accuracy
19/08/2020	16:44:11	0003	200145_WC_001	460 886.7	5 905 364.7	N	From ramp to beach, across pioneer shingle community to sea
19/08/2020	16:44:11	0003	200145_WC_002	460 886.7	5 905 364.7	E	Along seawall and pioneer shingle community
19/08/2020	16:44:11	0003	200145_WC_003	460 886.7	5 905 364.7	S	To car park
19/08/2020	16:44:11	0003	200145_WC_004	460 886.7	5 905 364.7	W	Along seawall and pioneer shingle community
19/08/2020	16:44:11	0003	200145_WC_005	460 886.7	5 905 364.7	Down	Seawall. Lichens
19/08/2020	16:44:11	0003	Target Note	460 886.7	5 905 364.7	-	Access: Top of concrete ramp
19/08/2020	16:47:05	0004	200145_WC_006	460 905.0	5 905 391.6	N	From cobble path to shore, down shingle
19/08/2020	16:47:05	0004	200145_WC_007	460 905.0	5 905 391.6	E	Along pioneer shingle community
19/08/2020	16:47:05	0004	200145_WC_008	460 905.0	5 905 391.6	S	Up cobble path towards seawall
19/08/2020	16:47:05	0004	200145_WC_009	460 905.0	5 905 391.6	W	Along pioneer shingle community
19/08/2020	16:47:05	0004	Target Note	460 905.0	5 905 391.6	-	Access: shingle path
19/08/2020	16:48:51	0005	200145_WC_010	460 896.0	5 905 402.9	N	Down shingle towards outflow pipe
19/08/2020	16:48:51	0005	200145_WC_011	460 896.0	5 905 402.9	E	Along shingle
19/08/2020	16:48:51	0005	200145_WC_012	460 896.0	5 905 402.9	S	Up shingle towards path
19/08/2020	16:48:51	0005	200145_WC_013	460 896.0	5 905 402.9	W	Along shingle
19/08/2020	16:54:45	0006	200145_WC_014	460 852.9	5 905 439.6	N	Down across Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	16:54:45	0006	200145_WC_015	460 852.9	5 905 439.6	E	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:54:45	0006	200145_WC_016	460 852.9	5 905 439.6	S	Up across mixed (muddy sand, pebbles, cobbles), coarse to shingle
19/08/2020	16:54:45	0006	200145_WC_017	460 852.9	5 905 439.6	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	16:54:45	0006	Line	460 852.9	5 905 439.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand/Coarse boundary
19/08/2020	16:55:50	0007	Line	460 854.5	5 905 442.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:55:59	0008	Line	460 859.9	5 905 445.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:56:07	0009	Line	460 862.6	5 905 446.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:56:19	0010	Line	460 868.9	5 905 449.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:56:26	0011	Line	460 873.6	5 905 452.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:56:32	0012	Line	460 876.1	5 905 455.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:56:38	0013	Line	460 880.1	5 905 457.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:56:50	0014	Line	460 884.7	5 905 458.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	16:56:50	0014	200145_WC_018	460 884.7	5 905 458.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	16:58:18	0015	Line	460 885.3	5 905 460.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	16:58:26	0016	Line	460 888.6	5 905 460.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	16:58:39	0017	Line	460 888.9	5 905 457.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	16:58:47	0018	Line	460 892.9	5 905 454.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	16:59:26	0019	Line	460 887.8	5 905 455.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:59:33	0020	Line	460 883.4	5 905 453.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:59:40	0021	Line	460 877.3	5 905 450.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:59:47	0022	Line	460 873.3	5 905 448.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:59:56	0023	Line	460 867.6	5 905 445.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:00:04	0024	Line	460 860.3	5 905 442.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:00:11	0025	Line	460 855.3	5 905 437.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:00:21	0026	Line	460 849.4	5 905 433.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:00:30	0027	Line	460 844.5	5 905 429.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:00:37	0028	Line	460 841.2	5 905 427.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:00:46	0029	Line	460 836.7	5 905 426.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:02:18	0030	Field Note	460 855.8	5 905 440.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:03:09	0031	200145_WC_019	460 866.3	5 905 448.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:04:15	0032	200145_WC_020	460 866.6	5 905 446.6	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:05:22	0033	Line	460 872.3	5 905 451.1	W	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/mussels (<i>Mytilus</i> sp.) replace winkles boundary
19/08/2020	17:05:26	0034	Line	460 871.9	5 905 451.5	W	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/mussels (<i>Mytilus</i> sp.) replace winkles boundary
19/08/2020	17:05:30	0035	Line	460 871.9	5 905 451.9	W	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/mussels (<i>Mytilus</i> sp.) replace winkles boundary
19/08/2020	17:05:35	0036	Line	460 871.5	5 905 452.6	W	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/mussels (<i>Mytilus</i> sp.) replace winkles boundary
19/08/2020	17:06:18	0037	200145_WC_021	460 873.5	5 905 454.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	17:06:18	0037	200145_WC_022	460 873.5	5 905 454.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	17:07:28	0038	Line	460 878.6	5 905 452.1	W	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus</i> sp.)
19/08/2020	17:07:35	0039	Line	460 878.2	5 905 454.6	W	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus</i> sp.)
19/08/2020	17:07:39	0040	Line	460 879.0	5 905 456.0	W	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus</i> sp.)
19/08/2020	17:08:17	0041	200145_WC_023	460 885.7	5 905 457.6	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:10:10	0042	200145_WC_024	460 894.2	5 905 460.4	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	17:12:03	0043	Line	460 888.3	5 905 463.0	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:12:16	0044	Line	460 885.6	5 905 464.4	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:12:23	0045	Line	460 881.2	5 905 465.5	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:12:28	0046	Line	460 878.6	5 905 465.1	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:12:33	0047	Line	460 876.1	5 905 467.3	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:12:38	0048	Line	460 873.6	5 905 468.8	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:12:42	0049	Line	460 872.4	5 905 470.6	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:12:47	0050	Line	460 873.7	5 905 473.3	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:12:52	0051	Line	460 869.2	5 905 471.6	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:12:56	0052	Line	460 866.5	5 905 469.5	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:13:01	0053	Line	460 864.1	5 905 466.1	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:13:06	0054	Line	460 860.1	5 905 464.4	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:13:12	0055	Line	460 857.2	5 905 461.5	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:13:20	0056	Line	460 857.7	5 905 458.6	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:13:30	0057	Line	460 860.4	5 905 454.6	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:13:35	0058	Line	460 860.8	5 905 451.8	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:13:42	0059	Line	460 861.9	5 905 447.5	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:13:42	0059	200145_WC_025	460 861.9	5 905 447.5	N	Down from muddy sand with Sand mason worm (<i>Lanice conchilega</i>) to sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:13:42	0059	200145_WC_026	460 861.9	5 905 447.5	E	Along muddy sand with Sand mason worm (<i>Lanice conchilega</i>)/Mixed with barnacles (<i>Semibalanus balanoides</i>) and winkles (<i>Littorina littorea</i>) boundary
19/08/2020	17:13:42	0059	200145_WC_027	460 861.9	5 905 447.5	S	Upper muddy sand with Sand mason worm (<i>Lanice conchilega</i>) to mixed to coarse
19/08/2020	17:13:42	0059	200145_WC_028	460 861.9	5 905 447.5	W	Along muddy sand with Sand mason worm (<i>Lanice conchilega</i>)/Mixed with barnacles (<i>Semibalanus balanoides</i>) and winkles (<i>Littorina littorea</i>) boundary
19/08/2020	17:13:42	0059	200145_WC_029	460 861.9	5 905 447.5	Down	Muddy sand with Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	17:15:20	0060	Line	460 857.4	5 905 445.6	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:15:27	0061	Line	460 854.5	5 905 442.8	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool
19/08/2020	17:16:46	0062	Line	460 819.0	5 905 434.3	-	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>). Mostly in standing pool/Sand with worm casts (<i>Arenicola</i> sp.) boundary

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:16:46	0062	200145_WC_030	460 819.0	5 905 434.3	N	Down over sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:16:46	0062	200145_WC_031	460 819.0	5 905 434.3	E	Along muddy sand with Sand mason worm (<i>Lanice conchilega</i>)/sand with worm casts (<i>Arenicola</i> sp.) boundary
19/08/2020	17:16:46	0062	200145_WC_032	460 819.0	5 905 434.3	S	Up over muddy sand to mixed
19/08/2020	17:16:46	0062	200145_WC_033	460 819.0	5 905 434.3	W	Along muddy sand/sand boundary
19/08/2020	17:16:46	0062	200145_WC_034	460 819.0	5 905 434.3	Down	Muddy sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:18:03	0063	Line	460 821.3	5 905 439.6	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:18:13	0064	Line	460 828.8	5 905 445.9	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:18:23	0065	Line	460 837.2	5 905 451.8	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:18:31	0066	Line	460 844.2	5 905 455.7	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:18:37	0067	Line	460 849.1	5 905 459.0	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:18:46	0068	Line	460 856.7	5 905 464.4	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:18:52	0069	Line	460 860.3	5 905 466.5	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:18:52	0069	200145_WC_035	460 860.3	5 905 466.5	Down	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:19:40	0070	Line	460 864.1	5 905 465.8	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:19:46	0071	Line	460 868.6	5 905 467.8	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:19:53	0072	Line	460 873.3	5 905 474.4	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:20:03	0073	Line	460 877.1	5 905 472.7	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:20:10	0074	Line	460 879.6	5 905 477.5	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:20:16	0075	Line	460 884.9	5 905 481.0	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:20:24	0076	Line	460 889.6	5 905 485.3	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:20:30	0077	Line	460 895.9	5 905 487.2	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:20:37	0078	Line	460 900.9	5 905 490.1	-	Sand with worm casts (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:21:00	0079	Line	460 906.5	5 905 493.3	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:21:08	0080	Line	460 914.2	5 905 496.3	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:21:16	0081	Line	460 920.6	5 905 500.5	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:21:25	0082	Line	460 929.8	5 905 502.6	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:21:31	0083	Line	460 935.2	5 905 505.5	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:00	0084	Line	460 948.7	5 905 514.6	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:08	0085	Line	460 957.1	5 905 519.1	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:16	0086	Line	460 963.3	5 905 524.0	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:22	0087	Line	460 968.6	5 905 525.5	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:28	0088	Line	460 972.1	5 905 521.0	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:33	0089	Line	460 974.6	5 905 522.2	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:42	0090	Line	460 978.1	5 905 514.3	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:50	0091	Line	460 982.8	5 905 519.1	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:22:56	0092	Line	460 987.6	5 905 522.4	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:23:05	0093	Line	460 993.4	5 905 526.9	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:23:38	0094	Line	460 998.8	5 905 533.2	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:24:46	0095	Line	460 999.9	5 905 538.9	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:25:03	0096	Line	461 006.8	5 905 535.5	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:25:03	0096	200145_WC_036	461 006.8	5 905 535.5	-	Plover (<i>Charadrius</i> sp.)
19/08/2020	17:25:03	0096	200145_WC_037	461 006.8	5 905 535.5	-	Plover (<i>Charadrius</i> sp.)
19/08/2020	17:25:03	0096	200145_WC_038	461 006.8	5 905 535.5	-	Plover (<i>Charadrius</i> sp.)
19/08/2020	17:25:07	0097	Line	461 008.4	5 905 536.0	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:25:20	0098	Line	461 009.8	5 905 536.7	-	Sand with worm casts (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:25:20	0098	Line	461 009.8	5 905 536.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:25:20	0098	200145_WC_039	461 009.8	5 905 536.7	N	Down boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>) and ephemeral greens (<i>Ulva ?intestinalis</i>). Sand to west
19/08/2020	17:25:20	0098	200145_WC_040	461 009.8	5 905 536.7	E	Across boulder breakwater 1 with Barnacles (<i>Semibalanus balanoides</i>) and ephemeral greens (<i>Ulva ?intestinalis</i>) to submerged pool
19/08/2020	17:25:20	0098	200145_WC_041	461 009.8	5 905 536.7	S	Up boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>) and ephemeral greens (<i>Ulva ?intestinalis</i>). Submerged pool both side
19/08/2020	17:25:20	0098	200145_WC_042	461 009.8	5 905 536.7	W	From boulder breakwater 1. Over submerged muddy sand to sand
19/08/2020	17:27:06	0099	Line	461 002.3	5 905 551.7	W	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:27:06	0099	200145_WC_043	461 002.3	5 905 551.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Actinia equina</i>)
19/08/2020	17:27:06	0099	200145_WC_044	461 002.3	5 905 551.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Actinia equina</i>)
19/08/2020	17:27:06	0099	200145_WC_045	461 002.3	5 905 551.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:27:06	0099	200145_WC_046	461 002.3	5 905 551.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:27:06	0099	200145_WC_047	461 002.3	5 905 551.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:27:06	0099	200145_WC_048	461 002.3	5 905 551.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:29:07	0100	Line	461 004.3	5 905 553.0	W	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:29:50	0101	200145_WC_049	460 999.2	5 905 568.8	N	Down boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>). Sand to west

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:29:50	0101	200145_WC_050	460 999.2	5 905 568.8	E	From boulder breakwater 1. Across sand
19/08/2020	17:29:50	0101	200145_WC_051	460 999.2	5 905 568.8	S	Up boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>) and ephemeral greens (<i>Ulva ?intestinalis</i>). Submerged pool both sides
19/08/2020	17:29:50	0101	200145_WC_052	460 999.2	5 905 568.8	W	From boulder breakwater 1. Across sand
19/08/2020	17:29:50	0101	200145_WC_053	460 999.2	5 905 568.8	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Actinia equina</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	17:31:51	0102	Line	460 996.9	5 905 574.8	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:35:19	0103	200145_WC_054	461 006.3	5 905 520.8	Down	Muddy sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:36:20	0104	200145_WC_055	460 996.1	5 905 510.4	Down	Muddy sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:36:46	0105	200145_WC_056	460 982.0	5 905 506.3	Down	Muddy sand with worm casts (<i>Arenicola</i> sp.) - submerged in pool
19/08/2020	17:37:45	0106	200145_WC_057	460 954.2	5 905 494.5	Down	Muddy sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:38:40	0107	200145_WC_058	460 939.0	5 905 486.4	Down	Muddy sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	17:39:15	0108	200145_WC_059	460 941.4	5 905 478.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	17:39:15	0108	Line	460 941.4	5 905 478.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:40:23	0109	Line	460 947.6	5 905 480.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:40:31	0110	Line	460 954.0	5 905 482.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:40:37	0111	Line	460 957.1	5 905 483.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:40:44	0112	Line	460 962.1	5 905 483.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:40:51	0113	Line	460 957.1	5 905 481.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:41:02	0114	Line	460 948.0	5 905 478.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:41:10	0115	Line	460 940.5	5 905 475.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:41:19	0116	Line	460 932.6	5 905 472.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:41:26	0117	Line	460 926.6	5 905 470.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:41:36	0118	Line	460 918.6	5 905 468.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:41:43	0119	Line	460 913.7	5 905 467.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:41:49	0120	Line	460 908.3	5 905 466.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:41:55	0121	Line	460 906.8	5 905 468.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:42:01	0122	Line	460 910.2	5 905 469.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:42:11	0123	Line	460 917.4	5 905 470.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:42:20	0124	Line	460 924.4	5 905 473.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:42:30	0125	Line	460 933.1	5 905 476.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:42:37	0126	Line	460 939.1	5 905 475.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:44:20	0127	Line	460 935.8	5 905 474.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) - to the north
19/08/2020	17:44:20	0127	200145_WC_060	460 935.8	5 905 474.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:44:20	0127	200145_WC_061	460 935.8	5 905 474.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	17:44:20	0127	200145_WC_062	460 935.8	5 905 474.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>)
19/08/2020	17:44:20	0127	200145_WC_063	460 935.8	5 905 474.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>)
19/08/2020	17:45:27	0128	200145_WC_064	460 947.5	5 905 481.2	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	17:47:40	0129	200145_WC_065	460 959.2	5 905 473.1	Down	Coarse (sand, pebbles, cobbles)
19/08/2020	17:48:23	0130	200145_WC_066	460 971.2	5 905 467.6	Down	Coarse (sand, pebbles, cobbles)
19/08/2020	17:48:56	0131	200145_WC_067	460 972.8	5 905 459.6	Down	Coarse (sand, pebbles, cobbles)
19/08/2020	17:54:53	0132	200145_WC_068	460 990.4	5 905 496.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:57:10	0133	200145_WC_069	461 001.9	5 905 498.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	17:57:49	0134	Line	461 012.8	5 905 504.4	-	Mixed
19/08/2020	17:57:49	0134	200145_WC_070	461 012.8	5 905 504.4	N	Down over muddy sand
19/08/2020	17:57:49	0134	200145_WC_071	461 012.8	5 905 504.4	E	Over sand to boulder breakwater ?1. Barnacles (<i>Semibalanus balanoides</i>) and ephemeral greens (<i>Ulva ?intestinalis</i>).
19/08/2020	17:57:49	0134	200145_WC_072	461 012.8	5 905 504.4	S	Up coarse sand to coarse
19/08/2020	17:57:49	0134	200145_WC_073	461 012.8	5 905 504.4	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Muddy sand boundary
19/08/2020	17:59:23	0135	Line	461 008.8	5 905 498.0	-	Mixed
19/08/2020	17:59:32	0136	Line	461 001.1	5 905 494.5	-	Mixed
19/08/2020	17:59:42	0137	Line	460 994.5	5 905 491.2	-	Mixed
19/08/2020	17:59:55	0138	Line	460 978.3	5 905 483.7	-	Mixed
19/08/2020	18:00:19	0139	Line	460 948.7	5 905 472.9	-	Mixed
19/08/2020	18:00:31	0140	Line	460 931.5	5 905 464.4	-	Mixed
19/08/2020	18:00:38	0141	Line	460 925.9	5 905 464.5	-	Mixed
19/08/2020	18:00:45	0142	Line	460 921.5	5 905 464.4	-	Mixed
19/08/2020	18:00:59	0143	Line	460 906.4	5 905 456.7	-	Mixed
19/08/2020	18:01:51	0144	Line	460 900.4	5 905 453.3	-	Mixed
19/08/2020	18:02:16	0145	Line	460 891.8	5 905 450.3	-	Mixed
19/08/2020	18:02:28	0146	Line	460 879.6	5 905 443.9	-	Mixed
19/08/2020	18:02:38	0147	Line	460 869.9	5 905 440.0	-	Mixed
19/08/2020	18:02:49	0148	Line	460 856.1	5 905 433.5	-	Mixed
19/08/2020	18:02:58	0149	Line	460 846.1	5 905 427.0	-	Mixed

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:03:07	0150	Line	460 839.2	5 905 426.0	-	Mixed
19/08/2020	18:03:17	0151	Line	460 829.2	5 905 419.2	-	Mixed
19/08/2020	18:03:21	0152	Line	460 824.7	5 905 417.1	-	Mixed
19/08/2020	18:03:49	0153	Line	460 830.8	5 905 424.2	-	Mixed
19/08/2020	18:03:49	0153	200145_WC_074	460 830.8	5 905 424.2	S	Outflow pipe. Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles, mussels (<i>Mytilus</i> sp.)
19/08/2020	18:03:49	0153	200145_WC_075	460 830.8	5 905 424.2	S	Outflow pipe. Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles, mussels (<i>Mytilus</i> sp.)
19/08/2020	18:03:49	0153	200145_WC_076	460 830.8	5 905 424.2	S	Outflow pipe. Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles, mussels (<i>Mytilus</i> sp.)
19/08/2020	18:03:49	0153	Target Note	460 830.8	5 905 424.2	-	Anthropogenic. End of outflow pipe
19/08/2020	18:03:56	0154	Line	460 835.9	5 905 432.8	-	Mixed
19/08/2020	18:03:56	0154	200145_WC_077	460 835.9	5 905 432.8	Down	Mixed (Upright wooden stump, muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	18:03:56	0154	Target Note	460 835.9	5 905 432.8	-	Anthropogenic debris. Upright wooden stump
19/08/2020	18:04:35	0155	Line	460 840.1	5 905 434.4	-	Mixed
19/08/2020	18:04:45	0156	Line	460 850.9	5 905 443.9	-	Mixed
19/08/2020	18:04:54	0157	Line	460 857.9	5 905 445.8	-	Mixed
19/08/2020	18:05:02	0158	Line	460 865.3	5 905 450.1	-	Mixed
19/08/2020	18:05:09	0159	Line	460 872.4	5 905 455.5	-	Mixed
19/08/2020	18:05:18	0160	Line	460 881.1	5 905 459.5	-	Mixed
19/08/2020	18:05:25	0161	Line	460 885.6	5 905 458.8	-	Mixed
19/08/2020	18:05:35	0162	Line	460 895.7	5 905 466.2	-	Mixed
19/08/2020	18:05:41	0163	Line	460 900.9	5 905 469.2	-	Mixed (muddy sand, pebbles, cobbles).
19/08/2020	18:07:04	0164	200145_WC_078	460 858.6	5 905 502.6	N	Down over sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:07:04	0164	200145_WC_079	460 858.6	5 905 502.6	E	Over sand to boulder breakwater 1
19/08/2020	18:07:04	0164	200145_WC_080	460 858.6	5 905 502.6	S	Up over sand to metal outflow pipe
19/08/2020	18:07:04	0164	200145_WC_081	460 858.6	5 905 502.6	W	Over sand
19/08/2020	18:07:04	0164	200145_WC_082	460 858.6	5 905 502.6	Down	Sand
19/08/2020	18:08:15	0165	200145_WC_083	460 805.9	5 905 540.0	Down	Sand
19/08/2020	18:08:52	0166	200145_WC_084	460 788.1	5 905 558.0	N	Down over coarse sand
19/08/2020	18:08:52	0166	200145_WC_085	460 788.1	5 905 558.0	E	Over sand
19/08/2020	18:08:52	0166	200145_WC_086	460 788.1	5 905 558.0	S	Up over sand to metal outflow pipe
19/08/2020	18:08:52	0166	200145_WC_087	460 788.1	5 905 558.0	W	Over sand
19/08/2020	18:08:52	0166	200145_WC_088	460 788.1	5 905 558.0	Down	Sand
19/08/2020	18:08:52	0166	200145_WC_089	460 788.1	5 905 558.0	Down	Sand
19/08/2020	18:10:22	0167	200145_WC_090	460 781.6	5 905 564.5	Down	Coarse sand
19/08/2020	18:11:32	0168	200145_WC_091	460 780.8	5 905 566.5	N	Down over sand
19/08/2020	18:11:32	0168	200145_WC_092	460 780.8	5 905 566.5	E	Along sand/coarse sand boundary
19/08/2020	18:11:32	0168	200145_WC_093	460 780.8	5 905 566.5	S	Up over coarse sand and then sand to metal outflow pipe
19/08/2020	18:11:32	0168	200145_WC_094	460 780.8	5 905 566.5	W	Along sand/coarse sand boundary
19/08/2020	18:11:32	0168	200145_WC_095	460 780.8	5 905 566.5	Down	Sand
19/08/2020	18:11:32	0168	200145_WC_096	460 780.8	5 905 566.5	Down	Sand
19/08/2020	18:12:53	0169	200145_WC_097	460 777.5	5 905 571.0	Down	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	18:12:53	0169	200145_WC_098	460 777.5	5 905 571.0	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:12:53	0169	200145_WC_099	460 777.5	5 905 571.0	N	Down over sand. Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	18:12:53	0169	200145_WC_100	460 777.5	5 905 571.0	E	Along over sand. Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	18:12:53	0169	200145_WC_101	460 777.5	5 905 571.0	S	Up over sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:12:53	0169	200145_WC_102	460 777.5	5 905 571.0	W	Along over sand. Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	18:13:57	0170	200145_WC_103	460 758.1	5 905 575.3	N	Down over pool (assumed muddy sand) to sand
19/08/2020	18:13:57	0170	200145_WC_104	460 758.1	5 905 575.3	E	Along edge muddy sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:13:57	0170	200145_WC_105	460 758.1	5 905 575.3	S	Up over muddy sand to metal outflow pipe. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:13:57	0170	200145_WC_106	460 758.1	5 905 575.3	W	Along muddy sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:13:57	0170	200145_WC_107	460 758.1	5 905 575.3	Down	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:13:57	0170	200145_WC_108	460 758.1	5 905 575.3	Down	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:16:16	0171	200145_WC_109	460 677.3	5 905 588.1	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:16:16	0171	200145_WC_110	460 677.3	5 905 588.1	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:16:16	0171	200145_WC_111	460 677.3	5 905 588.1	N	Down over sand to channel
19/08/2020	18:16:16	0171	200145_WC_112	460 677.3	5 905 588.1	E	Along sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:16:16	0171	200145_WC_113	460 677.3	5 905 588.1	S	Up over sand to metal outflow pipe. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:16:16	0171	200145_WC_114	460 677.3	5 905 588.1	W	Along sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:17:44	0172	200145_WC_115	460 664.3	5 905 594.8	N	Down over channel to sand
19/08/2020	18:17:44	0172	200145_WC_116	460 664.3	5 905 594.8	E	Along channel/sand boundary. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:17:44	0172	200145_WC_117	460 664.3	5 905 594.8	S	Up over sand to metal outflow pipe. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:17:44	0172	200145_WC_118	460 664.3	5 905 594.8	W	Along channel/sand boundary. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:19:43	0173	200145_WC_119	460 645.3	5 905 608.0	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:19:43	0173	200145_WC_120	460 645.3	5 905 608.0	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:19:43	0173	200145_WC_121	460 645.3	5 905 608.0	N	Down over sand to sea - incoming tide

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:19:43	0173	200145_WC_122	460 645.3	5 905 608.0	E	Along sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:19:43	0173	200145_WC_123	460 645.3	5 905 608.0	S	Up over sand to metal outflow pipe. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:19:43	0173	200145_WC_124	460 645.3	5 905 608.0	W	Along sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:19:43	0173	200145_WC_125	460 645.3	5 905 608.0	W	Bird: Herring gulls (<i>Larus argentatus</i>), crow (<i>Corvus ?corone</i>)
19/08/2020	18:19:43	0173	200145_WC_126	460 645.3	5 905 608.0	W	Bird: Herring gulls (<i>Larus argentatus</i>), crow (<i>Corvus ?corone</i>)
19/08/2020	18:22:54	0174	Line	460 690.5	5 905 554.6	-	Muddy sand. Drift seaweed
19/08/2020	18:22:54	0174	200145_WC_127	460 690.5	5 905 554.6	N	Down across assumed muddy sand in pool/channel to Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:22:54	0174	200145_WC_128	460 690.5	5 905 554.6	E	Along channel with muddy sand/raised sand boundary. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:22:54	0174	200145_WC_129	460 690.5	5 905 554.6	S	Up across muddy sand and water outflow
19/08/2020	18:22:54	0174	200145_WC_130	460 690.5	5 905 554.6	W	Along muddy sand with waterflow. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:22:54	0174	200145_WC_131	460 690.5	5 905 554.6	Down	Muddy sand. Diatoms, drift seaweed
19/08/2020	18:23:26	0175	Line	460 691.6	5 905 558.8	-	Muddy sand. Drift seaweed
19/08/2020	18:23:33	0176	Line	460 694.8	5 905 563.3	-	Muddy sand. Drift seaweed
19/08/2020	18:23:33	0176	200145_WC_132	460 694.8	5 905 563.3	Down	Muddy sand. Diatoms
19/08/2020	18:24:07	0177	Line	460 699.5	5 905 562.7	-	Muddy sand. Drift seaweed
19/08/2020	18:24:13	0178	Line	460 702.9	5 905 567.3	-	Muddy sand. Drift seaweed
19/08/2020	18:24:21	0179	Line	460 708.9	5 905 569.5	-	Muddy sand. Drift seaweed
19/08/2020	18:24:28	0180	Line	460 714.8	5 905 569.0	-	Muddy sand. Drift seaweed
19/08/2020	18:24:35	0181	Line	460 720.1	5 905 568.0	-	Muddy sand. Drift seaweed
19/08/2020	18:24:45	0182	Line	460 721.2	5 905 570.5	-	Muddy sand. Drift seaweed

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:27:11	0183	Line	460 727.7	5 905 574.8	-	Muddy sand. Drift seaweed
19/08/2020	18:27:16	0184	Line	460 732.1	5 905 575.1	-	Muddy sand. Drift seaweed
19/08/2020	18:27:22	0185	Line	460 738.3	5 905 576.7	-	Muddy sand. Drift seaweed
19/08/2020	18:27:26	0186	Line	460 742.1	5 905 577.6	-	Muddy sand. Drift seaweed
19/08/2020	18:27:33	0187	Line	460 747.5	5 905 581.0	-	Muddy sand. Drift seaweed
19/08/2020	18:27:39	0188	Line	460 752.3	5 905 583.5	-	Muddy sand. Drift seaweed
19/08/2020	18:27:48	0189	Line	460 760.4	5 905 589.8	-	Muddy sand. Drift seaweed
19/08/2020	18:27:55	0190	Line	460 767.6	5 905 593.0	-	Muddy sand. Drift seaweed
19/08/2020	18:28:03	0191	Line	460 775.9	5 905 596.6	-	Muddy sand. Drift seaweed
19/08/2020	18:28:16	0192	Line	460 789.5	5 905 607.0	-	Muddy sand. Drift seaweed
19/08/2020	18:28:26	0193	Line	460 796.2	5 905 611.4	-	Muddy sand. Drift seaweed
19/08/2020	18:28:26	0193	200145_WC_133	460 796.2	5 905 611.4	N	Down across sand
19/08/2020	18:28:26	0193	200145_WC_134	460 796.2	5 905 611.4	E	Along muddy sand in channel - incoming tide
19/08/2020	18:28:26	0193	200145_WC_135	460 796.2	5 905 611.4	S	Up over muddy sand in channel to sand to metal outflow pipe.
19/08/2020	18:28:26	0193	200145_WC_136	460 796.2	5 905 611.4	W	Along muddy sand in channel - incoming tide
19/08/2020	18:28:26	0193	Field Note	460 796.2	5 905 611.4	-	Incoming tide at channel
19/08/2020	18:29:23	0194	Line	460 790.7	5 905 595.5	-	Muddy sand. Diatoms (channel)
19/08/2020	18:29:48	0195	Line	460 780.4	5 905 588.3	-	Muddy sand. Diatoms (channel)
19/08/2020	18:29:54	0196	Line	460 781.1	5 905 581.9	-	Muddy sand. Diatoms (channel)
19/08/2020	18:29:59	0197	Line	460 785.2	5 905 583.2	-	Muddy sand. Diatoms (channel)
19/08/2020	18:30:10	0198	Line	460 795.5	5 905 588.9	-	Muddy sand. Diatoms (channel)
19/08/2020	18:30:15	0199	Line	460 794.1	5 905 585.8	-	Muddy sand. Diatoms (channel)
19/08/2020	18:30:15	0199	200145_WC_137	460 794.1	5 905 585.8	Down	Metal pipe. Barnacles (<i>Semibalanus balanoides</i>) in muddy sand. Diatoms (channel)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:30:15	0199	Target Note	460 794.1	5 905 585.8	Down	Anthropogenic debris (metal pipe with barnacles (<i>Semibalanus balanoides</i>)) in muddy sand. Diatoms (channel)
19/08/2020	18:30:50	0200	Line	460 798.3	5 905 584.5	-	Muddy sand. Diatoms (channel)
19/08/2020	18:30:55	0201	Line	460 797.8	5 905 580.9	-	Muddy sand. Diatoms (channel)
19/08/2020	18:31:01	0202	Line	460 800.3	5 905 578.3	-	Muddy sand. Diatoms (channel)
19/08/2020	18:31:09	0203	Line	460 796.3	5 905 572.8	-	Muddy sand. Diatoms (channel)
19/08/2020	18:31:15	0204	Line	460 790.5	5 905 571.0	-	Muddy sand. Diatoms (channel)
19/08/2020	18:31:22	0205	Line	460 787.5	5 905 578.1	-	Muddy sand. Diatoms (channel)
19/08/2020	18:31:30	0206	Line	460 783.1	5 905 574.4	-	Muddy sand. Diatoms (channel)
19/08/2020	18:31:40	0207	Line	460 773.8	5 905 569.3	-	Muddy sand. Diatoms (channel)
19/08/2020	18:31:50	0208	Line	460 766.3	5 905 563.4	-	Muddy sand. Diatoms (channel)
19/08/2020	18:31:59	0209	Line	460 757.7	5 905 561.0	-	Muddy sand. Diatoms (channel)
19/08/2020	18:32:08	0210	Line	460 745.8	5 905 555.7	-	Muddy sand. Diatoms (channel)
19/08/2020	18:32:15	0211	Line	460 738.3	5 905 552.8	-	Muddy sand. Diatoms (channel)
19/08/2020	18:32:21	0212	Line	460 732.5	5 905 551.6	-	Muddy sand. Diatoms (channel)
19/08/2020	18:32:30	0213	Line	460 724.5	5 905 546.8	-	Muddy sand. Diatoms (channel)
19/08/2020	18:32:36	0214	Line	460 719.2	5 905 547.6	-	Muddy sand. Diatoms (channel)
19/08/2020	18:32:45	0215	Line	460 714.7	5 905 542.1	-	Muddy sand. Diatoms (channel)
19/08/2020	18:32:52	0216	Line	460 715.3	5 905 534.2	-	Muddy sand. Diatoms (channel)
19/08/2020	18:32:57	0217	Line	460 710.8	5 905 532.0	-	Muddy sand. Diatoms (channel)
19/08/2020	18:33:05	0218	Line	460 710.0	5 905 539.2	-	Muddy sand. Diatoms (channel)
19/08/2020	18:33:09	0219	Line	460 708.4	5 905 542.5	-	Muddy sand. Diatoms (channel)
19/08/2020	18:33:16	0220	Line	460 700.5	5 905 542.8	-	Muddy sand. Diatoms (channel)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:33:22	0221	Line	460 694.9	5 905 544.7	-	Muddy sand. Diatoms (channel)
19/08/2020	18:33:28	0222	Line	460 694.3	5 905 550.1	-	Muddy sand. Diatoms (channel)
19/08/2020	18:33:44	0223	Line	460 705.4	5 905 551.2	-	Muddy sand. Diatoms (channel)
19/08/2020	18:33:44	0223	200145_WC_138	460 705.4	5 905 551.2	Down	Muddy sand. Diatoms, worm casts (<i>Arenicola</i> sp.), drift seaweed
19/08/2020	18:34:22	0224	Line	460 716.2	5 905 552.5	-	Muddy sand. Diatoms (channel)
19/08/2020	18:34:22	0224	200145_WC_139	460 716.2	5 905 552.5	Down	Muddy sand. Diatoms, drift seaweed
19/08/2020	18:37:26	0225	Line	460 739.4	5 905 539.6	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:37:26	0225	200145_WC_140	460 739.4	5 905 539.6	N	Down across sand (and muddy sand in channel) to sea
19/08/2020	18:37:26	0225	200145_WC_141	460 739.4	5 905 539.6	E	Along coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:37:26	0225	200145_WC_142	460 739.4	5 905 539.6	S	Up across sand, water seepage above
19/08/2020	18:37:26	0225	200145_WC_143	460 739.4	5 905 539.6	W	Along sand and water flow
19/08/2020	18:37:26	0225	200145_WC_144	460 739.4	5 905 539.6	Down	Coarse sand
19/08/2020	18:37:36	0226	Line	460 750.9	5 905 544.8	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:37:48	0227	Line	460 768.8	5 905 553.6	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:38:00	0228	Line	460 778.9	5 905 554.8	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:38:11	0229	Line	460 792.6	5 905 559.7	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:39:04	0230	Line	460 790.5	5 905 567.5	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:40:05	0231	Line	460 784.6	5 905 566.4	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:40:16	0232	Line	460 773.9	5 905 561.2	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:40:23	0233	Line	460 761.6	5 905 555.3	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:40:32	0234	Line	460 749.0	5 905 549.6	-	Coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:40:32	0234	200145_WC_145	460 749.0	5 905 549.6	Down	Coarse sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:40:32	0234	200145_WC_146	460 749.0	5 905 549.6	N	Down across sand (?muddy sand in pool). Sand mason worm (<i>Lanice conchilega</i>) - incoming tide
19/08/2020	18:40:32	0234	200145_WC_147	460 749.0	5 905 549.6	E	Along coarse sand/sand boundary (~3 m wide of coarse)
19/08/2020	18:40:32	0234	200145_WC_148	460 749.0	5 905 549.6	S	Up across coarse sand and sand
19/08/2020	18:40:32	0234	200145_WC_149	460 749.0	5 905 549.6	W	Along sand, above muddy sand, below coarse sand
19/08/2020	18:41:17	0235	Line	460 791.5	5 905 568.7	-	Coarse sand
19/08/2020	18:41:23	0236	Line	460 797.6	5 905 572.5	-	Coarse sand
19/08/2020	18:41:29	0237	Line	460 802.5	5 905 575.5	-	Coarse sand
19/08/2020	18:41:34	0238	Line	460 805.1	5 905 577.4	-	Coarse sand
19/08/2020	18:41:39	0239	Line	460 809.8	5 905 578.4	-	Coarse sand
19/08/2020	18:41:48	0240	Line	460 819.0	5 905 581.7	-	Coarse sand
19/08/2020	18:41:55	0241	Line	460 828.0	5 905 585.8	-	Coarse sand
19/08/2020	18:42:02	0242	Line	460 834.2	5 905 591.7	-	Coarse sand
19/08/2020	18:42:06	0243	Line	460 837.7	5 905 593.5	-	Coarse sand
19/08/2020	18:42:11	0244	Line	460 843.2	5 905 595.1	-	Coarse sand
19/08/2020	18:42:18	0245	Line	460 851.2	5 905 599.6	-	Coarse sand
19/08/2020	18:42:25	0246	Line	460 857.1	5 905 602.3	-	Coarse sand
19/08/2020	18:42:29	0247	Line	460 861.3	5 905 603.3	-	Coarse sand
19/08/2020	18:42:34	0248	Line	460 865.2	5 905 607.9	-	Coarse sand
19/08/2020	18:42:38	0249	Line	460 868.6	5 905 609.8	-	Coarse sand
19/08/2020	18:42:43	0250	Line	460 872.0	5 905 611.7	-	Coarse sand
19/08/2020	18:42:49	0251	Line	460 876.0	5 905 612.7	-	Coarse sand
19/08/2020	18:42:56	0252	Line	460 881.9	5 905 614.8	-	Coarse sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:42:56	0252	200145_WC_150	460 881.9	5 905 614.8	N	Incoming tide - across sea
19/08/2020	18:42:56	0252	200145_WC_151	460 881.9	5 905 614.8	E	Along coarse sand - incoming tide
19/08/2020	18:42:56	0252	200145_WC_152	460 881.9	5 905 614.8	S	Up shore across coarse (sand and pebbles)
19/08/2020	18:42:56	0252	200145_WC_153	460 881.9	5 905 614.8	W	Along coarse sand - incoming tide
19/08/2020	18:42:56	0252	Field Note	460 881.9	5 905 614.8	-	Incoming tide
19/08/2020	18:42:56	0252	200145_WC_154	460 881.9	5 905 614.8	Down	Coarse (sand and pebbles)
19/08/2020	18:44:45	0253	Line	460 884.7	5 905 602.7	-	Coarse sand (bit in between - to join)
19/08/2020	18:45:10	0254	Line	460 893.4	5 905 607.7	-	Coarse sand (bit in between - to join)
19/08/2020	18:45:16	0255	Line	460 900.0	5 905 609.2	-	Coarse sand (bit in between - to join)
19/08/2020	18:45:22	0256	Line	460 905.4	5 905 612.1	-	Coarse sand (bit in between - to join)
19/08/2020	18:45:50	0257	Line	460 903.3	5 905 614.5	-	Coarse sand (bit in between - to join)
19/08/2020	18:45:50	0257	200145_WC_155	460 903.3	5 905 614.5	Down	Coarse sand
19/08/2020	18:46:17	0258	Line	460 906.9	5 905 611.8	-	Coarse sand
19/08/2020	18:46:26	0259	Line	460 917.2	5 905 617.0	-	Coarse sand
19/08/2020	18:46:35	0260	Line	460 929.7	5 905 622.9	-	Coarse sand
19/08/2020	18:46:45	0261	Line	460 945.6	5 905 635.0	-	Coarse sand
19/08/2020	18:46:56	0262	Line	460 957.5	5 905 639.3	-	Coarse sand
19/08/2020	18:47:09	0263	Line	460 976.9	5 905 648.1	-	Coarse sand
19/08/2020	18:47:18	0264	Line	460 992.0	5 905 657.4	-	Coarse sand
19/08/2020	18:47:28	0265	Line	461 005.6	5 905 668.5	-	Coarse sand
19/08/2020	18:47:37	0266	Line	461 009.7	5 905 665.4	-	Coarse sand
19/08/2020	18:47:48	0267	Line	461 022.1	5 905 663.6	-	Coarse sand
19/08/2020	18:47:59	0268	Line	461 035.6	5 905 668.5	-	Coarse sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:48:09	0269	Line	461 048.3	5 905 674.4	-	Coarse sand
19/08/2020	18:48:14	0270	Line	461 054.1	5 905 678.1	-	Coarse sand
19/08/2020	18:48:14	0270	200145_WC_156	461 054.1	5 905 678.1	Down	Anthropogenic debris. Bag on sand
19/08/2020	18:48:14	0270	Target Note	461 054.1	5 905 678.1	-	Anthropogenic debris. Bag on sand
19/08/2020	18:48:46	0271	Line	461 062.8	5 905 681.2	-	Coarse sand
19/08/2020	18:48:52	0272	Line	461 069.7	5 905 682.8	-	Coarse sand
19/08/2020	18:49:01	0273	Line	461 078.9	5 905 684.1	-	Coarse sand
19/08/2020	18:49:15	0274	200145_WC_157	461 080.4	5 905 689.7	Down	Coarse sand
19/08/2020	18:49:43	0275	Line	461 084.4	5 905 689.4	-	?Coarse sand
19/08/2020	18:50:04	0276	Line	461 084.7	5 905 688.4	-	Coarse sand
19/08/2020	18:50:10	0277	Line	461 090.6	5 905 692.8	-	Coarse sand
19/08/2020	18:50:30	0278	Line	461 097.0	5 905 695.5	-	Coarse sand
19/08/2020	18:50:38	0279	Line	461 109.6	5 905 702.9	-	Coarse sand
19/08/2020	18:50:44	0280	Line	461 114.5	5 905 706.0	-	Coarse sand
19/08/2020	18:50:50	0281	Line	461 120.4	5 905 707.9	-	Coarse sand
19/08/2020	18:50:57	0282	Line	461 124.7	5 905 709.4	-	Coarse sand
19/08/2020	18:50:57	0282	200145_WC_158	461 124.7	5 905 709.4	N	Incoming tide - across sea
19/08/2020	18:50:57	0282	200145_WC_159	461 124.7	5 905 709.4	E	Along top of coarse sand - incoming tide
19/08/2020	18:50:57	0282	200145_WC_160	461 124.7	5 905 709.4	S	Up over sand to boulder breakwater 2
19/08/2020	18:50:57	0282	200145_WC_161	461 124.7	5 905 709.4	W	Along top of coarse sand - incoming tide
19/08/2020	18:50:57	0282	Field Note	461 124.7	5 905 709.4	-	Incoming tide
19/08/2020	18:52:20	0283	200145_WC_162	461 123.5	5 905 683.6	Down	Sand. Worm cast (Arenicola sp.)
19/08/2020	18:53:41	0284	200145_WC_163	461 125.6	5 905 658.9	Down	Sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:54:20	0285	200145_WC_164	461 131.1	5 905 639.5	N	Down sand from bottom of boulder breakwater 2
19/08/2020	18:54:20	0285	200145_WC_165	461 131.1	5 905 639.5	E	Across sand
19/08/2020	18:54:20	0285	200145_WC_166	461 131.1	5 905 639.5	S	Up boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>). Pool to east
19/08/2020	18:54:20	0285	200145_WC_167	461 131.1	5 905 639.5	W	Across sand
19/08/2020	18:54:20	0285	200145_WC_168	461 131.1	5 905 639.5	Down	Boulder breakwater 2 under sand. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:55:17	0286	Field Note	461 129.7	5 905 637.5	-	Boulder breakwater 2 - Bottom. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	18:55:17	0286	Line	461 129.7	5 905 637.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	18:55:41	0287	Line	461 131.3	5 905 633.8	W	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	18:55:47	0288	Line	461 133.9	5 905 634.0	E	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	18:59:42	0289	Line	461 133.6	5 905 631.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:00:08	0290	Line	461 134.2	5 905 628.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:00:14	0291	Line	461 136.6	5 905 625.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:00:14	0291	200145_WC_169	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), limpet (<i>Patella</i> sp.)
19/08/2020	19:00:14	0291	200145_WC_170	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>)
19/08/2020	19:00:14	0291	200145_WC_171	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>)
19/08/2020	19:00:14	0291	200145_WC_172	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), limpet (<i>Patella</i> sp.)
19/08/2020	19:00:14	0291	200145_WC_173	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), limpet (<i>Patella</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:00:14	0291	200145_WC_174	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), limpet (<i>Patella</i> sp.), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:00:14	0291	200145_WC_175	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), limpet (<i>Patella</i> sp.), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:00:14	0291	200145_WC_176	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), anemone (<i>Actinia equina</i>)
19/08/2020	19:00:14	0291	200145_WC_177	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), anemone (<i>Actinia equina</i>)
19/08/2020	19:00:14	0291	200145_WC_178	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), anemone (<i>Actinia equina</i>)
19/08/2020	19:00:14	0291	200145_WC_179	461 136.6	5 905 625.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), anemone (<i>Actinia equina</i>)
19/08/2020	19:00:14	0291	Field Note	461 136.6	5 905 625.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), anemone (<i>Actinia equina</i>)
19/08/2020	19:02:03	0292	Line	461 138.0	5 905 621.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:02:03	0292	200145_WC_180	461 138.0	5 905 621.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), anemone (<i>Actinia equina</i>)
19/08/2020	19:02:03	0292	200145_WC_181	461 138.0	5 905 621.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>), anemone (<i>Actinia equina</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:02:03	0292	200145_WC_182	461 138.0	5 905 621.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:02:03	0292	Field Note	461 138.0	5 905 621.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:03:03	0293	Line	461 139.5	5 905 617.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:03:03	0293	200145_WC_183	461 139.5	5 905 617.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:03:03	0293	200145_WC_184	461 139.5	5 905 617.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:03:03	0293	200145_WC_185	461 139.5	5 905 617.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:03:03	0293	200145_WC_186	461 139.5	5 905 617.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:03:03	0293	200145_WC_187	461 139.5	5 905 617.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:04:36	0294	Line	461 140.4	5 905 613.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:04:50	0295	Line	461 140.2	5 905 612.8	-	Boulder breakwater 2. Honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:05:21	0296	Line	461 142.4	5 905 609.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:05:21	0296	200145_WC_188	461 142.4	5 905 609.7	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:06:56	0297	Line	461 140.4	5 905 609.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:07:21	0298	Line	461 141.8	5 905 604.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:07:21	0298	200145_WC_189	461 141.8	5 905 604.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:07:21	0298	200145_WC_190	461 141.8	5 905 604.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (<i>?Porphyra</i> sp.)
19/08/2020	19:07:21	0298	200145_WC_191	461 141.8	5 905 604.1	N	Down boulder breakwater 2 from area of mixed sediment to E of breakwater. Barnacles (<i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:07:21	0298	200145_WC_192	461 141.8	5 905 604.1	E	From boulder breakwater 2, across submerged muddy sand to boulder breakwater 3
19/08/2020	19:07:21	0298	200145_WC_193	461 141.8	5 905 604.1	S	Down boulder breakwater 2 from area of mixed sediment to E of breakwater. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:07:21	0298	200145_WC_194	461 141.8	5 905 604.1	W	Across boulder breakwater 2 to sand. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) boundary
19/08/2020	19:07:21	0298	Field Note	461 141.8	5 905 604.1	-	Boulder breakwater 2. 2 m band of mixed (muddy sand, pebbles, cobbles) with ephemeral greens (<i>Ulva ?intestinalis</i>) and barnacles (<i>Semibalanus balanoides</i>) to east
19/08/2020	19:09:18	0299	Line	461 143.3	5 905 604.1	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:09:26	0300	Line	461 144.2	5 905 599.9	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:09:32	0301	Line	461 145.9	5 905 594.3	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:09:32	0301	200145_WC_195	461 145.9	5 905 594.3	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (<i>?Porphyra</i> sp.)
19/08/2020	19:10:18	0302	Line	461 148.0	5 905 591.4	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:10:24	0303	Line	461 149.1	5 905 586.7	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:10:33	0304	Line	461 151.5	5 905 579.2	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:10:39	0305	Line	461 152.0	5 905 576.4	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:10:44	0306	Line	461 153.0	5 905 573.4	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:10:44	0306	Field Note	461 153.0	5 905 573.4	-	Boulder breakwater ?3. Ephemeral greens (<i>Ulva ?intestinalis</i>)/Bare rock boundary
19/08/2020	19:11:05	0307	Line	461 155.2	5 905 565.8	-	Boulder breakwater ?3. Bare littoral rock
19/08/2020	19:11:05	0307	200145_WC_196	461 155.2	5 905 565.8	N	Down boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:11:05	0307	200145_WC_197	461 155.2	5 905 565.8	E	Across coarse (sand, pebbles) to mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:11:05	0307	200145_WC_198	461 155.2	5 905 565.8	S	Up over coarse (sand, pebbles) to shingle
19/08/2020	19:11:05	0307	200145_WC_199	461 155.2	5 905 565.8	W	Along coarse (sand, pebbles) to mixed to boulder breakwater 1
19/08/2020	19:11:05	0307	Field Note	461 155.2	5 905 565.8	-	Boulder breakwater 3. Top

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:12:23	0308	Line	461 153.6	5 905 565.0	-	Boulder breakwater 3. Bare
19/08/2020	19:12:45	0309	Line	461 153.0	5 905 574.5	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:12:45	0309	Field Note	461 153.0	5 905 574.5	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>) - Top
19/08/2020	19:13:09	0310	Line	461 148.0	5 905 580.7	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:13:20	0311	Line	461 144.8	5 905 589.8	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:13:25	0312	Line	461 142.5	5 905 592.2	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:13:29	0313	Line	461 143.3	5 905 594.2	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:13:34	0314	Line	461 143.0	5 905 597.1	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:13:39	0315	Line	461 140.6	5 905 597.3	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:13:43	0316	Line	461 142.5	5 905 599.8	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:13:51	0317	Line	461 141.4	5 905 603.9	-	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)/Barnacles (<i>Semibalanus balanoides</i>) boundary
19/08/2020	19:13:51	0317	Field Note	461 141.4	5 905 603.9	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>) - Top
19/08/2020	19:14:15	0318	Line	461 137.5	5 905 609.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:14:22	0319	Line	461 138.2	5 905 612.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:14:22	0319	Field Note	461 138.2	5 905 612.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>) - Top
19/08/2020	19:15:11	0320	Line	461 136.5	5 905 617.3	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:15:17	0321	Line	461 136.0	5 905 621.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:15:22	0322	Line	461 135.2	5 905 625.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:15:31	0323	Line	461 132.4	5 905 630.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:15:38	0324	Line	461 132.3	5 905 634.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:17:11	0325	Line	461 151.0	5 905 573.6	-	Coarse (Sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:18:06	0326	Line	461 152.2	5 905 572.1	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:18:13	0327	Line	461 146.9	5 905 563.1	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:18:21	0328	Line	461 138.0	5 905 560.0	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:18:27	0329	Line	461 134.3	5 905 559.9	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:18:36	0330	Line	461 126.1	5 905 558.5	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:18:43	0331	Line	461 116.8	5 905 555.4	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:18:48	0332	Line	461 110.9	5 905 551.2	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:18:56	0333	Line	461 102.4	5 905 546.5	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:19:04	0334	Line	461 092.4	5 905 542.4	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:19:11	0335	Line	461 084.6	5 905 537.6	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:19:18	0336	Line	461 079.4	5 905 537.4	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:19:23	0337	Line	461 075.7	5 905 537.1	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:19:29	0338	Line	461 071.9	5 905 535.5	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:19:36	0339	Line	461 067.4	5 905 532.2	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:19:44	0340	Line	461 063.6	5 905 531.0	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:19:49	0341	Line	461 060.2	5 905 529.9	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:20:55	0342	Line	461 059.6	5 905 529.8	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:21:03	0343	Line	461 051.4	5 905 529.0	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:21:08	0344	Line	461 045.2	5 905 526.7	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:21:14	0345	Line	461 037.5	5 905 524.1	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:21:21	0346	Line	461 032.5	5 905 524.7	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:21:26	0347	Line	461 025.5	5 905 523.1	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:21:31	0348	Line	461 021.2	5 905 519.8	-	Mixed (muddy sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:21:35	0349	Line	461 020.9	5 905 516.3	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:21:41	0350	Line	461 025.8	5 905 512.5	-	Mixed (muddy sand, pebbles, cobbles)
19/08/2020	19:21:47	0351	Line	461 031.9	5 905 510.6	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:21:55	0352	Line	461 044.8	5 905 509.5	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:22:00	0353	Line	461 046.0	5 905 505.9	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:22:05	0354	Line	461 038.3	5 905 499.5	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:22:15	0355	Line	461 026.2	5 905 497.1	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:23:02	0356	Line	461 023.9	5 905 496.7	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:23:08	0357	Line	461 017.4	5 905 490.5	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:23:12	0358	Line	461 014.3	5 905 492.5	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:23:18	0359	Line	461 011.2	5 905 496.6	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:23:24	0360	Line	461 012.5	5 905 499.8	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:23:31	0361	Line	461 011.5	5 905 505.8	-	Coarse (Sand, pebbles, cobbles)
19/08/2020	19:23:31	0361	Field Note	461 011.5	5 905 505.8	-	Coarse meets mixed (?and breakwater 1), sand above. Mud below
19/08/2020	19:24:36	0362	Line	461 017.3	5 905 517.8	-	Mixed (muddy sand, pebbles, cobbles)/Sandy mud in pool
19/08/2020	19:24:42	0363	Line	461 019.6	5 905 519.2	-	Mixed (muddy sand, pebbles, cobbles)/Sandy mud in pool
19/08/2020	19:24:47	0364	Line	461 022.9	5 905 520.0	-	Mixed (muddy sand, pebbles, cobbles)/Sandy mud in pool
19/08/2020	19:25:07	0365	200145_WC_200	461 017.1	5 905 521.3	Down	Muddy sand. Diatoms
19/08/2020	19:25:07	0365	200145_WC_201	461 017.1	5 905 521.3	Down	Muddy sand. Diatoms
19/08/2020	19:26:17	0366	Line	461 006.6	5 905 544.9	-	Muddy sand
19/08/2020	19:26:17	0366	Field Note	461 006.6	5 905 544.9	-	Muddy sand
19/08/2020	19:26:34	0367	Line	461 008.8	5 905 545.6	-	Muddy sand
19/08/2020	19:26:34	0367	200145_WC_202	461 008.8	5 905 545.6	Down	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:26:34	0367	200145_WC_203	461 008.8	5 905 545.6	Down	Muddy sand. Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	19:26:34	0367	Field Note	461 008.8	5 905 545.6	-	Muddy sand. . Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	19:27:54	0368	Line	461 016.6	5 905 555.2	-	Muddy sand
19/08/2020	19:28:00	0369	Line	461 019.0	5 905 559.5	-	Muddy sand
19/08/2020	19:28:06	0370	Line	461 016.6	5 905 563.9	-	Muddy sand
19/08/2020	19:28:14	0371	Line	461 025.0	5 905 569.9	-	Muddy sand
19/08/2020	19:28:21	0372	Line	461 034.2	5 905 571.4	-	Muddy sand
19/08/2020	19:28:29	0373	Line	461 042.7	5 905 572.4	-	Muddy sand
19/08/2020	19:28:36	0374	Line	461 050.8	5 905 574.0	-	Muddy sand
19/08/2020	19:28:46	0375	Line	461 062.7	5 905 575.2	-	Muddy sand
19/08/2020	19:29:08	0376	Line	461 073.0	5 905 566.7	-	Muddy sand
19/08/2020	19:29:14	0377	Line	461 071.3	5 905 563.6	-	Muddy sand
19/08/2020	19:29:25	0378	Line	461 071.1	5 905 560.5	-	Muddy sand
19/08/2020	19:29:35	0379	Line	461 063.3	5 905 555.4	-	Muddy sand
19/08/2020	19:29:45	0380	Line	461 071.4	5 905 554.5	-	Muddy sand
19/08/2020	19:30:02	0381	Line	461 069.5	5 905 549.9	-	Muddy sand
19/08/2020	19:30:16	0382	Line	461 059.1	5 905 546.1	-	Muddy sand
19/08/2020	19:30:21	0383	Line	461 061.9	5 905 542.2	-	Muddy sand
19/08/2020	19:30:27	0384	Line	461 063.6	5 905 539.1	-	Muddy sand
19/08/2020	19:30:42	0385	Line	461 055.3	5 905 536.0	-	Muddy sand
19/08/2020	19:30:49	0386	Line	461 047.6	5 905 535.1	-	Muddy sand
19/08/2020	19:30:56	0387	Line	461 043.2	5 905 531.4	-	Muddy sand
19/08/2020	19:31:04	0388	Line	461 038.6	5 905 530.2	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:31:09	0389	Line	461 039.2	5 905 526.4	-	Muddy sand
19/08/2020	19:32:35	0390	Field Note	461 101.1	5 905 564.0	-	Boulder surrounded by muddy sand. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:32:35	0390	200145_WC_204	461 101.1	5 905 564.0	Down	Boulder surrounded by muddy sand. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:32:35	0390	200145_WC_205	461 101.1	5 905 564.0	Down	Boulder surrounded by muddy sand. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	19:33:43	0391	Line	461 100.2	5 905 565.4	-	Muddy sand in pool. Sand on ?coarse boundary
19/08/2020	19:33:47	0392	Line	461 097.2	5 905 563.4	-	Muddy sand in pool
19/08/2020	19:33:52	0393	Line	461 099.4	5 905 560.1	-	Muddy sand in pool
19/08/2020	19:33:56	0394	Line	461 101.5	5 905 560.6	-	Muddy sand in pool
19/08/2020	19:34:00	0395	Line	461 102.6	5 905 563.2	-	Muddy sand in pool
19/08/2020	19:34:05	0396	Line	461 100.5	5 905 566.1	-	Muddy sand in pool
19/08/2020	19:34:05	0396	200145_WC_206	461 100.5	5 905 566.1	Down	Muddy sand in pool
19/08/2020	19:34:05	0396	200145_WC_207	461 100.5	5 905 566.1	Down	Muddy sand in pool
19/08/2020	19:35:48	0397	Line	461 144.2	5 905 549.9	-	Sand ?on coarse
19/08/2020	19:36:09	0398	Line	461 146.8	5 905 553.1	-	Sand ?on coarse
19/08/2020	19:36:14	0399	Line	461 150.7	5 905 554.8	-	Sand ?on coarse
19/08/2020	19:36:20	0400	Line	461 154.6	5 905 550.3	-	Sand ?on coarse
19/08/2020	19:36:26	0401	Line	461 160.5	5 905 546.0	-	Sand ?on coarse
19/08/2020	19:36:31	0402	Line	461 160.5	5 905 542.5	-	Sand ?on coarse
19/08/2020	19:36:40	0403	Line	461 148.8	5 905 538.4	-	Sand ?on coarse
19/08/2020	19:36:47	0404	Line	461 140.3	5 905 534.7	-	Sand ?on coarse
19/08/2020	19:36:53	0405	Line	461 132.5	5 905 531.4	-	Sand ?on coarse

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:37:02	0406	Line	461 124.1	5 905 528.9	-	Sand ?on coarse
19/08/2020	19:37:08	0407	Line	461 115.7	5 905 525.6	-	Sand ?on coarse
19/08/2020	19:37:15	0408	Line	461 107.4	5 905 522.3	-	Sand ?on coarse
19/08/2020	19:37:21	0409	Line	461 099.9	5 905 522.9	-	Sand ?on coarse
19/08/2020	19:37:27	0410	Line	461 091.4	5 905 521.2	-	Sand ?on coarse
19/08/2020	19:37:35	0411	Line	461 102.4	5 905 529.5	-	Sand ?on coarse
19/08/2020	19:37:47	0412	Line	461 119.1	5 905 535.7	-	Sand ?on coarse
19/08/2020	19:37:56	0413	Line	461 129.3	5 905 537.6	-	Sand ?on coarse
19/08/2020	19:38:02	0414	Line	461 138.1	5 905 537.8	-	Sand ?on coarse
19/08/2020	19:38:07	0415	Line	461 144.1	5 905 539.5	-	Sand ?on coarse
19/08/2020	19:38:13	0416	Line	461 150.1	5 905 543.2	-	Sand ?on coarse
19/08/2020	19:38:17	0417	Line	461 148.7	5 905 546.2	-	Sand ?on coarse
19/08/2020	19:38:22	0418	Line	461 144.5	5 905 546.7	-	Sand ?on coarse
19/08/2020	19:38:55	0419	200145_WC_208	461 136.0	5 905 550.8	Down	Coarse
19/08/2020	19:42:20	0420	200145_WC_209	461 154.4	5 905 528.9	Down	Shingle
19/08/2020	19:44:05	0421	200145_WC_210	461 132.1	5 905 531.8	Down	Sand
19/08/2020	19:45:12	0422	200145_WC_211	461 108.8	5 905 505.9	Down	Coarse
19/08/2020	19:46:02	0423	200145_WC_212	461 098.0	5 905 488.7	Down	Shingle
19/08/2020	19:48:12	0424	200145_WC_213	461 041.1	5 905 468.0	Down	Shingle
19/08/2020	19:49:09	0425	200145_WC_214	460 992.2	5 905 445.7	Down	Shingle
19/08/2020	19:49:09	0425	200145_WC_215	460 992.2	5 905 445.7	Down	Shingle
19/08/2020	19:50:00	0426	200145_WC_216	460 949.9	5 905 432.6	Down	Shingle
19/08/2020	19:50:46	0427	Field Note	460 934.9	5 905 417.1	Down	Shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:51:40	0428	200145_WC_217	460 912.9	5 905 409.6	Down	Shingle
19/08/2020	19:52:10	0429	200145_WC_218	460 901.7	5 905 415.8	Down	Anthropogenic debris (metal sheet) on shingle
20/08/2020	04:57:44	NAV2	Field Note	461 281.4	5 905 422.5	-	Nav check at SE corner of Penarth railway station
20/08/2020	05:12:12	0430	200145_WC_219	461 252.7	5 905 479.6	N	Down seawall to corner, down shingle
20/08/2020	05:12:12	0430	200145_WC_220	461 252.7	5 905 479.6	E	View along pioneer shingle community/grassland
20/08/2020	05:12:12	0430	200145_WC_221	461 252.7	5 905 479.6	S	View up towards railway station
20/08/2020	05:12:12	0430	200145_WC_222	461 252.7	5 905 479.6	W	View across promenade
20/08/2020	05:12:12	0430	Target Note	461 252.7	5 905 479.6	-	Access: small
20/08/2020	05:18:48	0431	200145_WC_223	461 160.5	5 905 553.2	N	From coarse sand, down over boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	05:18:48	0431	200145_WC_224	461 160.5	5 905 553.2	E	Along coarse sand
20/08/2020	05:18:48	0431	200145_WC_225	461 160.5	5 905 553.2	S	Up coarse sand/sand
20/08/2020	05:18:48	0431	200145_WC_226	461 160.5	5 905 553.2	W	Along coarse sand/sand
20/08/2020	05:18:48	0431	200145_WC_227	461 160.5	5 905 553.2	Down	Coarse sand
20/08/2020	05:21:47	0432	Line	461 156.6	5 905 579.2	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:21:47	0432	200145_WC_228	461 156.6	5 905 579.2	N	Down over boulder breakwater 2 with area of mixed to east. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	05:21:47	0432	200145_WC_229	461 156.6	5 905 579.2	E	Along mixed to E
20/08/2020	05:21:47	0432	200145_WC_230	461 156.6	5 905 579.2	S	Up coarse and edge boulder breakwater 2 - bare from here
20/08/2020	05:21:47	0432	200145_WC_231	461 156.6	5 905 579.2	W	Across boulder breakwater 2 to sand and breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	05:21:47	0432	Field Note	461 156.6	5 905 579.2	-	Bare rock
20/08/2020	05:21:55	0433	Line	461 156.7	5 905 585.5	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:22:01	0434	Line	461 157.1	5 905 587.7	-	Mixed (muddy sand, pebbles, cobbles) - in pool

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:22:07	0435	Line	461 154.5	5 905 592.4	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:22:11	0436	Line	461 154.5	5 905 593.7	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:22:19	0437	Line	461 157.2	5 905 594.6	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:22:37	0438	Line	461 162.2	5 905 594.3	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:22:42	0439	Line	461 164.9	5 905 597.5	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:22:50	0440	Line	461 161.4	5 905 601.2	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:22:59	0441	Line	461 157.5	5 905 599.9	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:23:08	0442	Line	461 154.3	5 905 600.0	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:23:18	0443	Line	461 150.8	5 905 598.8	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:23:26	0444	Line	461 151.2	5 905 600.9	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:23:36	0445	Line	461 149.3	5 905 602.8	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:23:43	0446	Line	461 146.3	5 905 604.6	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:23:52	0447	Line	461 145.6	5 905 606.4	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:24:00	0448	Line	461 144.4	5 905 612.1	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:24:09	0449	Line	461 143.8	5 905 614.7	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:24:18	0450	Line	461 141.9	5 905 617.7	-	Mixed (muddy sand, pebbles, cobbles) - in pool
20/08/2020	05:24:18	0450	200145_WC_232	461 141.9	5 905 617.7	N	Down boulder breakwater and area of mixed to E. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:24:18	0450	200145_WC_233	461 141.9	5 905 617.7	E	Across pool (submerged muddy sand with some pebbles, cobbles)
20/08/2020	05:24:18	0450	200145_WC_234	461 141.9	5 905 617.7	S	Up boulder breakwater 2 and area of mixed to E. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	05:24:18	0450	200145_WC_235	461 141.9	5 905 617.7	W	Across boulder breakwater 2 to sand and breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:24:18	0450	Field Note	461 141.9	5 905 617.7	-	Boulder breakwater 2: Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:25:47	0451	200145_WC_236	461 150.1	5 905 596.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), diatoms
20/08/2020	05:25:47	0451	200145_WC_237	461 150.1	5 905 596.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), diatoms
20/08/2020	05:27:34	0452	200145_WC_238	461 151.5	5 905 593.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), diatoms
20/08/2020	05:27:34	0452	200145_WC_239	461 151.5	5 905 593.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), diatoms
20/08/2020	05:27:34	0452	200145_WC_240	461 151.5	5 905 593.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), diatoms
20/08/2020	05:28:25	0453	200145_WC_241	461 158.9	5 905 593.4	Down	Muddy sand. Diatoms
20/08/2020	05:28:25	0453	Field Note	461 158.9	5 905 593.4	-	Muddy sand meets ephemeral greens (<i>Ulva</i> sp.) for a bit
20/08/2020	05:28:25	0453	Line	461 158.9	5 905 593.4	-	Muddy sand/Ephemeral greens (? <i>Ulva</i> sp.)
20/08/2020	05:29:50	0454	Line	461 155.4	5 905 576.1	-	Muddy sand/Ephemeral greens (? <i>Ulva</i> sp.)
20/08/2020	05:30:31	0455	Line	461 161.0	5 905 579.6	-	Muddy sand/Ephemeral greens (? <i>Ulva</i> sp.)
20/08/2020	05:30:44	0456	Line	461 164.7	5 905 580.9	-	Muddy sand/Ephemeral greens (? <i>Ulva</i> sp.)
20/08/2020	05:30:44	0456	Field Note	461 164.7	5 905 580.9	-	Muddy sand deviates from ephemeral greens (<i>Ulva</i> sp.). Sand to east
20/08/2020	05:31:19	0457	Line	461 165.0	5 905 586.2	-	Muddy sand
20/08/2020	05:31:35	0458	Line	461 169.0	5 905 588.5	-	Muddy sand
20/08/2020	05:31:39	0459	Line	461 170.9	5 905 590.4	-	Muddy sand
20/08/2020	05:31:48	0460	Line	461 167.4	5 905 596.1	-	Muddy sand
20/08/2020	05:31:56	0461	Line	461 171.0	5 905 600.0	-	Muddy sand
20/08/2020	05:32:03	0462	Line	461 171.7	5 905 603.5	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:32:13	0463	Line	461 175.9	5 905 603.2	-	Muddy sand
20/08/2020	05:32:18	0464	Line	461 178.9	5 905 603.8	-	Muddy sand
20/08/2020	05:32:23	0465	Line	461 180.4	5 905 600.2	-	Muddy sand
20/08/2020	05:32:29	0466	Line	461 183.3	5 905 598.1	-	Muddy sand
20/08/2020	05:32:33	0467	Line	461 184.9	5 905 599.4	-	Muddy sand
20/08/2020	05:32:42	0468	Line	461 185.6	5 905 604.3	-	Muddy sand
20/08/2020	05:32:47	0469	Line	461 187.8	5 905 607.9	-	Muddy sand
20/08/2020	05:32:52	0470	Line	461 188.5	5 905 609.7	-	Muddy sand
20/08/2020	05:33:01	0471	Line	461 181.6	5 905 614.5	-	Muddy sand
20/08/2020	05:33:09	0472	Line	461 179.3	5 905 619.9	-	Muddy sand
20/08/2020	05:33:27	0473	Line	461 174.2	5 905 612.9	-	Muddy sand
20/08/2020	05:33:35	0474	Line	461 170.9	5 905 611.3	-	Muddy sand
20/08/2020	05:33:35	0474	200145_WC_242	461 170.9	5 905 611.3	Down	Muddy sand. Diatoms
20/08/2020	05:34:23	0475	Line	461 167.2	5 905 607.9	-	Muddy sand
20/08/2020	05:34:35	0476	Line	461 164.0	5 905 610.9	-	Muddy sand
20/08/2020	05:34:49	0477	Line	461 161.6	5 905 612.3	-	Muddy sand
20/08/2020	05:34:58	0478	Line	461 158.2	5 905 611.2	-	Muddy sand
20/08/2020	05:35:08	0479	Line	461 155.8	5 905 612.2	-	Muddy sand
20/08/2020	05:37:15	0480	Line	461 155.6	5 905 624.1	-	Muddy sand
20/08/2020	05:37:20	0481	Line	461 154.8	5 905 624.7	-	Muddy sand
20/08/2020	05:37:30	0482	Line	461 152.9	5 905 626.1	-	Muddy sand
20/08/2020	05:37:39	0483	Line	461 150.1	5 905 626.2	-	Muddy sand
20/08/2020	05:37:51	0484	Line	461 147.2	5 905 623.5	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:38:04	0485	Line	461 144.1	5 905 622.0	-	Muddy sand
20/08/2020	05:38:13	0486	Line	461 144.4	5 905 623.7	-	Muddy sand
20/08/2020	05:38:13	0486	Target Note	461 144.4	5 905 623.7	-	Submerged honeycomb reef worm (<i>Sabellaria alveolata</i>) - 60 cm x 40 cm hummock
20/08/2020	05:38:13	0486	200145_WC_243	461 144.4	5 905 623.7	Down	Submerged honeycomb reef worm (<i>Sabellaria alveolata</i>) - 60 cm x 40 cm hummock
20/08/2020	05:39:21	0487	Target Note	461 141.7	5 905 622.7	-	Submerged honeycomb reef worm (<i>Sabellaria alveolata</i>) - two 20 cm x 20 cm hummocks
20/08/2020	05:39:21	0487	200145_WC_244	461 141.7	5 905 622.7	Down	Submerged honeycomb reef worm (<i>Sabellaria alveolata</i>) - two 20 cm x 20 cm hummocks
20/08/2020	05:39:45	0488	Line	461 141.3	5 905 627.0	-	Muddy sand
20/08/2020	05:39:53	0489	Line	461 139.8	5 905 628.1	-	Muddy sand
20/08/2020	05:39:58	0490	Line	461 138.7	5 905 624.4	-	Muddy sand meets boulder breakwater 2
20/08/2020	05:39:58	0490	Field Note	461 138.7	5 905 624.4	-	Muddy sand meets breakwater
20/08/2020	05:41:40	0491	200145_WC_245	461 141.5	5 905 617.7	W	Down boulder breakwater. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:43:11	0492	200145_WC_246	461 155.1	5 905 600.7	Down	Muddy sand. Diatoms
20/08/2020	05:43:11	0492	200145_WC_247	461 155.1	5 905 600.7	N	Down over muddy sand in pool to sand. Diatoms
20/08/2020	05:43:11	0492	200145_WC_248	461 155.1	5 905 600.7	E	Across muddy sand in pool to sand. Diatoms
20/08/2020	05:43:11	0492	200145_WC_249	461 155.1	5 905 600.7	S	Up over mixed (muddy sand, pebbles, cobbles) in pool to coarse. Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	05:43:11	0492	200145_WC_250	461 155.1	5 905 600.7	W	Across mixed in pool to boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	05:44:17	0493	200145_WC_251	461 159.1	5 905 593.2	N	Down over mixed (muddy sand, pebbles, cobbles) in pool to sand. Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	05:44:17	0493	200145_WC_252	461 159.1	5 905 593.2	E	Along mixed/pool edge. Worm casts (<i>Arenicola</i> sp.)
20/08/2020	05:44:17	0493	200145_WC_253	461 159.1	5 905 593.2	S	Up over ?muddy sand/?Mixed (muddy sand, pebbles, cobbles). Diatoms
20/08/2020	05:44:17	0493	200145_WC_254	461 159.1	5 905 593.2	W	Along pool edge to boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:44:17	0493	200145_WC_255	461 159.1	5 905 593.2	Down	Muddy sand. Diatoms
20/08/2020	05:44:17	0493	200145_WC_256	461 159.1	5 905 593.2	Down	Mixed (muddy sand, pebbles, cobbles) in pool
20/08/2020	05:44:17	0493	Field Note	461 159.1	5 905 593.2	-	Border between mixed and muddy sand
20/08/2020	05:46:47	0494	Line	461 160.0	5 905 574.7	-	Muddy sand. Drift seaweed
20/08/2020	05:47:16	0495	Line	461 158.1	5 905 574.2	-	Muddy sand. Drift seaweed
20/08/2020	05:47:24	0496	Line	461 161.4	5 905 583.0	-	Muddy sand. Drift seaweed
20/08/2020	05:47:29	0497	Line	461 163.7	5 905 584.7	-	Muddy sand. Drift seaweed
20/08/2020	05:47:33	0498	Line	461 165.9	5 905 584.4	-	Muddy sand. Drift seaweed
20/08/2020	05:47:38	0499	Line	461 169.2	5 905 583.0	-	Muddy sand. Drift seaweed
20/08/2020	05:47:45	0500	Line	461 171.3	5 905 586.2	-	Muddy sand. Drift seaweed
20/08/2020	05:47:45	0500	200145_WC_257	461 171.3	5 905 586.2	Down	Muddy sand. Diatoms, drift seaweed
20/08/2020	05:48:31	0501	Line	461 172.8	5 905 591.3	-	Muddy sand. Drift seaweed
20/08/2020	05:48:37	0502	Line	461 175.2	5 905 593.4	-	Muddy sand. Drift seaweed
20/08/2020	05:48:45	0503	Line	461 180.1	5 905 595.5	-	Muddy sand. Drift seaweed
20/08/2020	05:48:51	0504	Line	461 184.0	5 905 594.6	-	Muddy sand. Drift seaweed
20/08/2020	05:48:56	0505	Line	461 186.2	5 905 592.4	-	Muddy sand. Drift seaweed
20/08/2020	05:49:00	0506	Line	461 188.5	5 905 592.5	-	Muddy sand. Drift seaweed
20/08/2020	05:49:08	0507	Line	461 187.5	5 905 600.4	-	Muddy sand. Drift seaweed
20/08/2020	05:49:13	0508	Line	461 190.2	5 905 604.8	-	Muddy sand. Drift seaweed
20/08/2020	05:49:21	0509	Line	461 194.6	5 905 605.7	-	Muddy sand. Drift seaweed
20/08/2020	05:49:25	0510	Line	461 196.3	5 905 607.2	-	Muddy sand. Drift seaweed
20/08/2020	05:49:32	0511	Line	461 200.7	5 905 609.1	-	Muddy sand. Drift seaweed
20/08/2020	05:49:40	0512	Line	461 203.6	5 905 608.1	-	Muddy sand. Drift seaweed

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:49:46	0513	Line	461 206.8	5 905 605.8	-	Muddy sand. Drift seaweed
20/08/2020	05:49:52	0514	Line	461 210.2	5 905 608.1	-	Muddy sand. Drift seaweed
20/08/2020	05:49:58	0515	Line	461 213.0	5 905 605.3	-	Muddy sand. Drift seaweed
20/08/2020	05:50:03	0516	Line	461 215.4	5 905 607.1	-	Muddy sand. Drift seaweed
20/08/2020	05:50:13	0517	Line	461 213.3	5 905 601.9	-	Muddy sand. Drift seaweed
20/08/2020	05:50:18	0518	Line	461 213.0	5 905 598.1	-	Muddy sand. Drift seaweed
20/08/2020	05:50:26	0519	Line	461 207.7	5 905 597.0	-	Muddy sand. Drift seaweed
20/08/2020	05:50:32	0520	Line	461 203.5	5 905 594.6	-	Muddy sand. Drift seaweed
20/08/2020	05:50:39	0521	Line	461 200.3	5 905 593.4	-	Muddy sand. Drift seaweed
20/08/2020	05:50:45	0522	Line	461 197.2	5 905 590.5	-	Muddy sand. Drift seaweed
20/08/2020	05:50:49	0523	Line	461 195.4	5 905 590.2	-	Muddy sand. Drift seaweed
20/08/2020	05:50:55	0524	Line	461 193.6	5 905 588.3	-	Muddy sand. Drift seaweed
20/08/2020	05:51:02	0525	Line	461 189.1	5 905 586.6	-	Muddy sand. Drift seaweed
20/08/2020	05:51:07	0526	Line	461 185.6	5 905 588.2	-	Muddy sand. Drift seaweed
20/08/2020	05:51:14	0527	Line	461 181.9	5 905 586.2	-	Muddy sand. Drift seaweed
20/08/2020	05:51:21	0528	Line	461 177.6	5 905 583.7	-	Muddy sand. Drift seaweed
20/08/2020	05:51:25	0529	Line	461 176.6	5 905 581.7	-	Muddy sand. Drift seaweed
20/08/2020	05:51:30	0530	Line	461 173.8	5 905 579.8	-	Muddy sand. Drift seaweed
20/08/2020	05:51:36	0531	Line	461 170.2	5 905 578.7	-	Muddy sand. Drift seaweed
20/08/2020	05:51:41	0532	Line	461 168.3	5 905 578.1	-	Muddy sand. Drift seaweed
20/08/2020	05:51:48	0533	200145_WC_258	461 165.5	5 905 577.2	Down	Mixed (muddy sand, pebbles, cobbles). Drift seaweed
20/08/2020	05:53:27	0534	200145_WC_259	461 167.6	5 905 579.9	Down	Mixed (muddy sand, pebbles, cobbles). Drift seaweed
20/08/2020	05:54:09	0535	Line	461 161.3	5 905 577.7	-	Mixed (muddy sand, pebbles, cobbles) band below coarse

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:54:42	0536	Line	461 162.6	5 905 578.9	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:54:50	0537	Line	461 169.5	5 905 582.6	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:54:54	0538	Line	461 171.7	5 905 584.3	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:55:20	0539	Line	461 178.1	5 905 588.0	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:55:27	0540	Line	461 181.5	5 905 593.0	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:55:32	0541	Line	461 184.6	5 905 596.3	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:55:40	0542	Line	461 189.4	5 905 600.1	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:55:48	0543	Line	461 196.3	5 905 599.4	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:55:56	0544	Line	461 204.1	5 905 601.4	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:56:08	0545	Line	461 217.0	5 905 600.6	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:56:15	0546	Line	461 222.8	5 905 603.3	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:56:20	0547	Line	461 226.5	5 905 605.3	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:56:32	0548	Line	461 235.7	5 905 609.9	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:56:41	0549	Line	461 244.7	5 905 612.8	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:56:48	0550	Line	461 250.2	5 905 613.9	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:56:57	0551	Line	461 257.4	5 905 618.1	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:57:05	0552	Line	461 264.1	5 905 622.1	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:57:13	0553	Line	461 270.5	5 905 626.1	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:57:22	0554	Line	461 278.0	5 905 629.4	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:57:32	0555	Line	461 285.8	5 905 633.8	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:57:38	0556	Line	461 287.6	5 905 636.5	-	Mixed (muddy sand, pebbles, cobbles) band below coarse
20/08/2020	05:58:25	0557	200145_WC_260	461 273.4	5 905 618.7	Down	Coarse (sand, pebbles, cobbles)
20/08/2020	05:59:07	0558	200145_WC_261	461 262.8	5 905 610.4	Down	Coarse (sand, pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:59:49	0559	Line	461 264.8	5 905 603.4	-	Sand on coarse
20/08/2020	06:00:10	0560	Line	461 263.3	5 905 600.1	-	Sand on coarse
20/08/2020	06:00:17	0561	Line	461 256.3	5 905 595.2	-	Sand on coarse
20/08/2020	06:00:24	0562	Line	461 252.5	5 905 588.6	-	Sand on coarse
20/08/2020	06:00:35	0563	Line	461 240.8	5 905 584.1	-	Sand on coarse
20/08/2020	06:00:42	0564	Line	461 237.3	5 905 580.9	-	Sand on coarse
20/08/2020	06:00:50	0565	Line	461 227.8	5 905 578.9	-	Sand on coarse
20/08/2020	06:00:56	0566	Line	461 221.8	5 905 577.4	-	Sand on coarse
20/08/2020	06:01:03	0567	Line	461 214.4	5 905 574.0	-	Sand on coarse
20/08/2020	06:01:10	0568	Line	461 207.4	5 905 573.0	-	Sand on coarse
20/08/2020	06:01:16	0569	Line	461 201.9	5 905 571.1	-	Sand on coarse
20/08/2020	06:01:26	0570	Line	461 192.0	5 905 567.7	-	Sand on coarse
20/08/2020	06:01:32	0571	Line	461 185.2	5 905 564.6	-	Sand on coarse
20/08/2020	06:01:32	0571	200145_WC_262	461 185.2	5 905 564.6	Down	Sand
20/08/2020	06:02:33	0572	Line	461 178.5	5 905 562.5	-	Sand on coarse
20/08/2020	06:02:40	0573	Line	461 171.5	5 905 557.9	-	Sand on coarse
20/08/2020	06:02:45	0574	Line	461 174.7	5 905 552.8	-	Sand on coarse
20/08/2020	06:02:59	0575	Line	461 192.4	5 905 557.0	-	Sand on coarse
20/08/2020	06:03:11	0576	Line	461 207.8	5 905 564.2	-	Sand on coarse
20/08/2020	06:03:21	0577	Line	461 217.9	5 905 572.3	-	Sand on coarse
20/08/2020	06:03:30	0578	Line	461 228.9	5 905 577.3	-	Sand on coarse
20/08/2020	06:03:39	0579	Line	461 238.8	5 905 577.0	-	Sand on coarse
20/08/2020	06:03:47	0580	Line	461 247.3	5 905 578.1	-	Sand on coarse

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:04:03	0581	Line	461 267.5	5 905 587.4	-	Sand on coarse
20/08/2020	06:07:51	0582	Line	461 265.9	5 905 586.2	-	Sand on coarse
20/08/2020	06:07:51	0582	200145_WC_263	461 265.9	5 905 586.2	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	06:08:06	0583	Line	461 270.0	5 905 583.0	-	Sand on coarse
20/08/2020	06:08:15	0584	Line	461 278.3	5 905 587.6	-	Sand on coarse
20/08/2020	06:08:24	0585	Line	461 288.5	5 905 592.0	-	Sand on coarse
20/08/2020	06:08:41	0586	Line	461 283.9	5 905 611.0	-	Sand on coarse
20/08/2020	06:08:41	0586	Field Note	461 283.9	5 905 611.0	-	Sand on coarse continues to the east
20/08/2020	06:10:44	0587	Line	461 288.6	5 905 635.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:10:44	0587	200145_WC_264	461 288.6	5 905 635.3	N	Down boulder breakwater ?3. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:10:44	0587	200145_WC_265	461 288.6	5 905 635.3	E	Along mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:10:44	0587	200145_WC_266	461 288.6	5 905 635.3	S	Up across coarse to sand
20/08/2020	06:10:44	0587	200145_WC_267	461 288.6	5 905 635.3	W	Across boulder breakwater 3 to sand. Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:10:44	0587	Field Note	461 288.6	5 905 635.3	-	Top of breakwater
20/08/2020	06:11:03	0588	Line	461 292.5	5 905 644.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:11:10	0589	Line	461 296.2	5 905 649.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:11:28	0590	Line	461 299.2	5 905 651.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:11:34	0591	Line	461 301.1	5 905 653.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:11:39	0592	Line	461 299.5	5 905 655.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:11:45	0593	Line	461 296.0	5 905 657.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:11:53	0594	Line	461 291.3	5 905 657.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:12:25	0595	Line	461 291.6	5 905 656.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:12:25	0595	200145_WC_268	461 291.6	5 905 656.6	Down	Mixed (muddy sand, pebbles, cobbles) in pool. Ephemeral greens (<i>Ulva lactuca</i>)
20/08/2020	06:12:25	0595	200145_WC_269	461 291.6	5 905 656.6	Down	Mixed (muddy sand, pebbles, cobbles) in pool. Ephemeral greens (<i>Ulva lactuca</i>)
20/08/2020	06:12:25	0595	Field Note	461 291.6	5 905 656.6	-	Border with mixed/submerged mud to east
20/08/2020	06:12:42	0596	Line	461 289.3	5 905 658.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:12:48	0597	Line	461 285.6	5 905 658.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:12:55	0598	Line	461 283.5	5 905 660.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:13:01	0599	Line	461 283.0	5 905 660.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	06:13:50	0600	200145_WC_270	461 284.0	5 905 656.4	Down	Mixed (muddy sand, pebbles, cobbles) in pool. Ephemeral greens (<i>Ulva lactuca</i>)
20/08/2020	06:14:23	0601	Line	461 291.8	5 905 640.5	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:14:55	0602	Line	461 295.3	5 905 642.1	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:15:07	0603	Line	461 306.0	5 905 649.6	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:15:13	0604	Line	461 311.6	5 905 650.5	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:15:21	0605	Line	461 319.8	5 905 654.1	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:15:27	0606	Line	461 325.4	5 905 657.6	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:15:36	0607	Line	461 334.8	5 905 660.2	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:15:41	0608	Line	461 339.0	5 905 662.6	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:15:47	0609	Line	461 343.9	5 905 662.8	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:15:54	0610	Line	461 348.1	5 905 667.6	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:16:03	0611	Line	461 357.4	5 905 669.0	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:16:33	0612	Line	461 362.7	5 905 671.6	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:16:42	0613	Line	461 371.5	5 905 675.7	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:16:49	0614	Line	461 377.9	5 905 681.1	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:16:57	0615	Line	461 385.5	5 905 683.9	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:17:03	0616	Line	461 390.8	5 905 687.1	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:17:08	0617	Line	461 395.1	5 905 689.3	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:17:13	0618	Line	461 400.3	5 905 691.1	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:17:21	0619	Line	461 407.4	5 905 693.5	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:17:26	0620	Line	461 412.7	5 905 693.9	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:17:32	0621	Line	461 419.1	5 905 694.8	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:17:38	0622	Line	461 421.6	5 905 701.5	-	Coarse (sand, pebbles, cobbles) w 1 m mixed (muddy sand, pebbles, cobbles)
20/08/2020	06:18:26	0623	200145_WC_271	461 407.1	5 905 688.8	Down	Coarse
20/08/2020	06:20:38	0624	200145_WC_272	461 395.6	5 905 710.7	Down	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	06:23:44	0625	200145_WC_273	461 373.0	5 905 834.5	Down	Consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows
20/08/2020	06:23:44	0625	200145_WC_274	461 373.0	5 905 834.5	Down	Consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows
20/08/2020	06:23:44	0625	200145_WC_275	461 373.0	5 905 834.5	Down	Consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows
20/08/2020	06:23:44	0625	200145_WC_276	461 373.0	5 905 834.5	N	Down over consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows/Mixed (sandy mud, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:23:44	0625	200145_WC_277	461 373.0	5 905 834.5	E	Along consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows/Mixed (sandy mud, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:23:44	0625	200145_WC_278	461 373.0	5 905 834.5	S	Up shore across coarse sand
20/08/2020	06:23:44	0625	200145_WC_279	461 373.0	5 905 834.5	W	Along consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows/Mixed (sandy mud, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:23:44	0625	Field Note	461 373.0	5 905 834.5	-	Consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows
20/08/2020	06:30:50	0626	200145_WC_280	461 372.2	5 905 841.0	Down	Consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:30:50	0626	200145_WC_281	461 372.2	5 905 841.0	Down	Consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:30:50	0626	200145_WC_282	461 372.2	5 905 841.0	Down	Consolidated mud exposures (?clay). Piddock (<i>Bivalvia</i>) burrows

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:30:50	0626	200145_WC_283	461 372.2	5 905 841.0	Down	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:30:50	0626	Field Note	461 372.2	5 905 841.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:01	0627	Line	461 370.9	5 905 844.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:04	0628	Line	461 374.5	5 905 840.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:08	0629	Line	461 376.2	5 905 841.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:11	0630	Line	461 376.4	5 905 842.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:15	0631	Line	461 373.4	5 905 844.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:19	0632	Line	461 370.2	5 905 842.2	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:23	0633	Line	461 367.5	5 905 843.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:28	0634	Line	461 370.1	5 905 846.2	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:31	0635	Line	461 371.8	5 905 846.6	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:34	0636	Line	461 370.4	5 905 847.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:37	0637	Line	461 368.6	5 905 847.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:42	0638	Line	461 367.9	5 905 843.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:35:45	0639	Line	461 368.8	5 905 840.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:35:48	0640	Line	461 371.0	5 905 839.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows, possible bristleworm (? <i>Polydora</i> sp.) tubes
20/08/2020	06:36:54	0641	Line	461 369.6	5 905 833.2	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:37:18	0642	Line	461 373.9	5 905 835.9	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:37:24	0643	Line	461 377.4	5 905 836.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:37:29	0644	Line	461 381.0	5 905 838.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:37:29	0644	200145_WC_284	461 381.0	5 905 838.4	Down	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows/Mixed (sandy mud, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:38:28	0645	Line	461 380.9	5 905 841.6	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:38:32	0646	Line	461 383.0	5 905 841.8	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:06	0647	Line	461 388.4	5 905 842.9	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:11	0648	Line	461 386.2	5 905 846.9	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:18	0649	Line	461 388.0	5 905 852.7	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:24	0650	Line	461 389.9	5 905 852.6	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:32	0651	Line	461 393.7	5 905 850.7	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:36	0652	Line	461 396.3	5 905 851.1	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:40	0653	Line	461 396.7	5 905 853.6	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:45	0654	Line	461 399.8	5 905 855.8	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:49	0655	Line	461 402.5	5 905 857.2	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:53	0656	Line	461 404.6	5 905 858.7	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:39:56	0657	Line	461 407.0	5 905 860.3	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:00	0658	Line	461 409.4	5 905 858.4	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:40:03	0659	Line	461 410.6	5 905 858.8	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:07	0660	Line	461 412.6	5 905 858.6	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:09	0661	Line	461 413.8	5 905 858.4	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:15	0662	Line	461 417.2	5 905 860.2	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:19	0663	Line	461 417.5	5 905 864.0	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:28	0664	Line	461 422.9	5 905 870.4	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:35	0665	Line	461 428.7	5 905 869.8	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:39	0666	Line	461 427.1	5 905 872.8	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:42	0667	Line	461 428.3	5 905 872.2	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:48	0668	Line	461 430.4	5 905 866.5	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:40:55	0669	Line	461 433.1	5 905 862.1	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:41:03	0670	Line	461 436.7	5 905 860.8	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:41:07	0671	Line	461 439.0	5 905 859.4	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:41:12	0672	Line	461 441.0	5 905 858.3	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:41:17	0673	Line	461 437.4	5 905 855.4	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (1)
20/08/2020	06:41:17	0673	Target Note	461 437.4	5 905 855.4	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (Patch 1)
20/08/2020	06:41:42	0674	Line	461 443.1	5 905 862.7	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (2)
20/08/2020	06:41:42	0674	Target Note	461 443.1	5 905 862.7	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (Patch 1) - Surrounded by mixed
20/08/2020	06:41:47	0675	Line	461 440.5	5 905 865.4	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (2)
20/08/2020	06:41:51	0676	Line	461 443.2	5 905 865.1	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (2)
20/08/2020	06:41:55	0677	Line	461 447.0	5 905 865.1	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (2)
20/08/2020	06:42:01	0678	Line	461 448.2	5 905 861.3	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:42:33	0679	Line	461 462.7	5 905 878.9	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (3)
20/08/2020	06:42:33	0679	200145_WC_285	461 462.7	5 905 878.9	S	Anthropogenic debris. Wooden log
20/08/2020	06:43:10	0680	Line	461 465.2	5 905 877.5	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (3)
20/08/2020	06:43:14	0681	Line	461 467.2	5 905 873.5	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (3)
20/08/2020	06:43:18	0682	Line	461 463.3	5 905 871.4	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (3)
20/08/2020	06:43:43	0683	Line	461 481.4	5 905 878.1	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (4)
20/08/2020	06:43:48	0684	Line	461 482.5	5 905 883.3	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (4)
20/08/2020	06:43:51	0685	Line	461 483.2	5 905 885.8	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (4)
20/08/2020	06:43:58	0686	Line	461 486.1	5 905 889.7	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (4)
20/08/2020	06:43:58	0686	Field Note	461 486.1	5 905 889.7	-	Incoming tide
20/08/2020	06:44:29	0687	Line	461 481.2	5 905 875.6	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (4)
20/08/2020	06:44:34	0688	Field Note	461 487.4	5 905 875.4	-	?Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows
20/08/2020	06:44:39	0689	Line	461 492.6	5 905 878.5	-	Consolidated mud exposures (?sandy clay). Piddock (Bivalvia) burrows (4)
20/08/2020	06:44:44	0690	Line	461 495.1	5 905 882.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:44:49	0691	Line	461 497.4	5 905 884.2	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:44:49	0691	200145_WC_286	461 497.4	5 905 884.2	-	Down over consolidated mud exposures (?clay). Piddock (Bivalvia) burrows - incoming tide
20/08/2020	06:44:49	0691	200145_WC_287	461 497.4	5 905 884.2	-	Along consolidated mud exposures (?clay). Piddock (Bivalvia) burrows - incoming tide
20/08/2020	06:44:49	0691	200145_WC_288	461 497.4	5 905 884.2	-	Up over sand
20/08/2020	06:44:49	0691	200145_WC_289	461 497.4	5 905 884.2	-	Along consolidated mud exposures (?clay). Piddock (Bivalvia) burrows - incoming tide
20/08/2020	06:45:32	0692	Line	461 499.1	5 905 886.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:45:35	0693	Line	461 499.9	5 905 887.9	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:45:39	0694	Line	461 503.8	5 905 886.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:45:44	0695	Line	461 508.6	5 905 887.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:45:48	0696	Line	461 512.3	5 905 889.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:45:53	0697	Line	461 514.3	5 905 893.3	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:45:56	0698	Line	461 517.1	5 905 892.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:46:01	0699	Line	461 522.0	5 905 892.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:46:06	0700	Line	461 526.6	5 905 892.9	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:46:11	0701	Line	461 525.9	5 905 897.6	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:46:15	0702	Line	461 526.7	5 905 898.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:46:15	0702	200145_WC_290	461 526.7	5 905 898.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:46:15	0702	200145_WC_291	461 526.7	5 905 898.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:46:53	0703	Line	461 529.1	5 905 898.6	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:46:56	0704	Line	461 531.5	5 905 898.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:47:01	0705	Line	461 537.3	5 905 899.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:47:04	0706	Line	461 539.5	5 905 900.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:47:08	0707	Line	461 541.4	5 905 902.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:47:24	0708	Target Note	461 545.1	5 905 905.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows - 2 m x 2 m patch
20/08/2020	06:47:42	0709	Target Note	461 550.5	5 905 910.9	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows - 2 m x 2 m patch
20/08/2020	06:48:01	0710	Line	461 559.4	5 905 915.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:48:05	0711	Line	461 559.9	5 905 911.3	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:48:08	0712	Line	461 561.0	5 905 910.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:48:14	0713	Line	461 565.8	5 905 912.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:48:18	0714	Line	461 567.7	5 905 916.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:48:23	0715	Line	461 572.8	5 905 919.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:48:27	0716	Line	461 573.9	5 905 923.3	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:48:29	0717	Line	461 575.3	5 905 923.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:48:33	0718	Line	461 573.9	5 905 926.6	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:48:33	0718	200145_WC_292	461 573.9	5 905 926.6	N	Down over sea - incoming tide
20/08/2020	06:48:33	0718	200145_WC_293	461 573.9	5 905 926.6	E	Along sand with pebbles - incoming tide
20/08/2020	06:48:33	0718	200145_WC_294	461 573.9	5 905 926.6	S	Up sand
20/08/2020	06:48:33	0718	200145_WC_295	461 573.9	5 905 926.6	W	Along sand with pebbles - incoming tide
20/08/2020	06:48:33	0718	Field Note	461 573.9	5 905 926.6	-	Incoming tide
20/08/2020	06:49:49	0719	Field Note	461 571.5	5 905 915.9	-	?Coarse
20/08/2020	06:50:07	0720	Line	461 574.1	5 905 918.5	-	?Coarse (sand, pebbles)
20/08/2020	06:50:27	0721	Line	461 566.6	5 905 915.7	-	?Coarse (sand, pebbles)
20/08/2020	06:50:31	0722	Line	461 562.2	5 905 912.3	-	?Coarse (sand, pebbles)
20/08/2020	06:50:37	0723	Line	461 555.3	5 905 909.6	-	?Coarse (sand, pebbles)
20/08/2020	06:50:43	0724	Line	461 548.1	5 905 905.9	-	?Coarse (sand, pebbles)
20/08/2020	06:50:48	0725	Line	461 543.2	5 905 901.6	-	?Coarse (sand, pebbles)
20/08/2020	06:50:55	0726	Line	461 535.4	5 905 896.8	-	?Coarse (sand, pebbles)
20/08/2020	06:51:00	0727	Line	461 531.9	5 905 896.9	-	?Coarse (sand, pebbles)
20/08/2020	06:51:07	0728	Line	461 524.3	5 905 893.3	-	?Coarse (sand, pebbles)
20/08/2020	06:51:14	0729	Line	461 516.5	5 905 891.1	-	?Coarse (sand, pebbles)
20/08/2020	06:51:19	0730	Line	461 513.1	5 905 890.4	-	?Coarse (sand, pebbles)
20/08/2020	06:51:28	0731	Line	461 502.1	5 905 887.0	-	?Coarse (sand, pebbles)
20/08/2020	06:51:34	0732	Line	461 495.9	5 905 883.1	-	?Coarse (sand, pebbles)
20/08/2020	06:51:41	0733	Line	461 491.3	5 905 876.7	-	?Coarse (sand, pebbles)
20/08/2020	06:51:46	0734	Line	461 485.6	5 905 875.2	-	?Coarse (sand, pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:51:51	0735	Line	461 480.9	5 905 874.4	-	?Coarse (sand, pebbles)
20/08/2020	06:51:56	0736	Line	461 476.1	5 905 871.8	-	?Coarse (sand, pebbles)
20/08/2020	06:52:02	0737	Line	461 471.2	5 905 867.1	-	?Coarse (sand, pebbles)
20/08/2020	06:52:09	0738	Line	461 464.1	5 905 866.9	-	?Coarse (sand, pebbles)
20/08/2020	06:52:15	0739	Line	461 457.7	5 905 863.2	-	?Coarse (sand, pebbles)
20/08/2020	06:52:23	0740	Line	461 449.7	5 905 859.7	-	?Coarse (sand, pebbles)
20/08/2020	06:52:27	0741	Line	461 445.6	5 905 857.0	-	?Coarse (sand, pebbles)
20/08/2020	06:52:36	0742	Line	461 437.4	5 905 852.1	-	?Coarse (sand, pebbles)
20/08/2020	06:52:59	0743	Line	461 437.8	5 905 851.7	-	?Coarse (sand, pebbles)
20/08/2020	06:53:07	0744	Line	461 431.6	5 905 849.0	-	?Coarse (sand, pebbles)
20/08/2020	06:53:14	0745	Line	461 424.9	5 905 845.5	-	?Coarse (sand, pebbles)
20/08/2020	06:54:09	0746	Line	461 440.7	5 905 855.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:14	0747	Line	461 434.3	5 905 854.9	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:19	0748	Line	461 429.6	5 905 855.3	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:21	0749	Line	461 427.8	5 905 853.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:26	0750	Line	461 424.5	5 905 851.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:35	0751	Line	461 415.0	5 905 847.3	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:38	0752	Line	461 413.6	5 905 846.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:43	0753	Line	461 409.2	5 905 847.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:47	0754	Line	461 407.0	5 905 845.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:51	0755	Line	461 402.7	5 905 844.6	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:54:54	0756	Line	461 400.3	5 905 843.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:55:05	0757	Line	461 393.0	5 905 840.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:55:13	0758	Line	461 389.3	5 905 837.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:55:18	0759	Line	461 388.3	5 905 832.6	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:55:23	0760	Line	461 384.2	5 905 830.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:55:30	0761	Line	461 388.1	5 905 838.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:55:35	0762	Line	461 384.8	5 905 839.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:55:41	0763	Line	461 378.6	5 905 835.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:55:47	0764	Line	461 372.2	5 905 832.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:55:54	0765	Line	461 367.4	5 905 830.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:56:21	0766	Line	461 357.5	5 905 820.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:56:34	0767	Line	461 357.1	5 905 824.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:56:38	0768	Line	461 354.7	5 905 826.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:56:42	0769	Line	461 351.6	5 905 826.2	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:56:57	0770	Line	461 350.6	5 905 831.6	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:56:57	0770	Field Note	461 350.6	5 905 831.6	-	Incoming tide
20/08/2020	06:57:27	0771	Line	461 361.3	5 905 820.3	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:57:34	0772	Line	461 352.8	5 905 821.9	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:57:39	0773	Line	461 350.6	5 905 822.2	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:57:43	0774	Line	461 351.8	5 905 818.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:57:48	0775	Line	461 348.2	5 905 814.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:57:53	0776	Line	461 343.7	5 905 813.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:57:57	0777	Line	461 342.4	5 905 815.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:58:23	0778	Line	461 332.5	5 905 816.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:58:27	0779	Line	461 330.3	5 905 816.6	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:58:31	0780	Line	461 329.5	5 905 813.1	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:58:35	0781	Line	461 327.0	5 905 808.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:58:39	0782	Line	461 324.0	5 905 806.0	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:58:44	0783	Line	461 320.1	5 905 806.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:58:47	0784	Line	461 318.3	5 905 806.5	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:58:53	0785	Line	461 317.8	5 905 803.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:58:56	0786	Line	461 317.3	5 905 801.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:59:02	0787	Line	461 314.2	5 905 804.7	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:59:04	0788	Line	461 313.1	5 905 803.8	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:59:07	0789	Line	461 313.8	5 905 801.2	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:59:59	0790	Line	461 314.6	5 905 798.4	-	Consolidated mud exposures (?clay). Piddock (Bivalvia) burrows
20/08/2020	06:59:59	0790	Field Note	461 314.6	5 905 798.4	-	Met other staff member
20/08/2020	07:03:11	0791	Line	461 316.2	5 905 799.5	-	Mixed (muddy sand, pebbles, cobbles) - overlap with other staff
20/08/2020	07:04:30	0792	Line	461 315.1	5 905 800.1	-	Mixed (muddy sand, pebbles, cobbles) - overlap with other staff
20/08/2020	07:04:40	0793	Line	461 311.4	5 905 797.9	-	Mixed (muddy sand, pebbles, cobbles) - overlap with other staff
20/08/2020	07:04:43	0794	Line	461 309.3	5 905 798.4	-	Mixed (muddy sand, pebbles, cobbles) - overlap with other staff
20/08/2020	07:04:49	0795	Line	461 306.6	5 905 796.1	-	Mixed (muddy sand, pebbles, cobbles) - overlap with other staff
20/08/2020	07:04:58	0796	Line	461 305.5	5 905 793.6	-	Mixed (muddy sand, pebbles, cobbles) - overlap with other staff
20/08/2020	07:05:03	0797	Line	461 300.9	5 905 792.5	-	Mixed (muddy sand, pebbles, cobbles) - overlap with other staff
20/08/2020	07:05:39	0798	Line	461 275.7	5 905 785.9	-	Mixed (muddy sand, pebbles, cobbles) - overlap with other staff
20/08/2020	07:06:15	0799	Line	461 272.5	5 905 775.8	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:06:21	0800	Line	461 280.2	5 905 776.4	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:06:26	0801	Line	461 285.6	5 905 778.9	-	Coarse (sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:06:52	0802	Line	461 314.0	5 905 793.1	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:07:47	0803	Line	461 317.8	5 905 796.6	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:07:56	0804	Line	461 328.0	5 905 801.2	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:08:04	0805	Line	461 339.6	5 905 806.0	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:08:13	0806	Line	461 349.9	5 905 811.0	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:08:13	0806	200145_WC_296	461 349.9	5 905 811.0	N	Anthropogenic (wooden pole). Down coarse to sea
20/08/2020	07:08:13	0806	200145_WC_297	461 349.9	5 905 811.0	Down	Coarse
20/08/2020	07:08:13	0806	200145_WC_298	461 349.9	5 905 811.0	E	Along coarse above mixed - incoming tide
20/08/2020	07:08:13	0806	200145_WC_299	461 349.9	5 905 811.0	S	Up over coarse sand
20/08/2020	07:08:13	0806	200145_WC_300	461 349.9	5 905 811.0	W	Along coarse above mixed - incoming tide
20/08/2020	07:08:13	0806	Target Note	461 349.9	5 905 811.0	-	Anthropogenic. Wooden pole emergent to N
20/08/2020	07:08:37	0807	Line	461 380.7	5 905 823.6	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:08:54	0808	Line	461 398.2	5 905 832.0	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:09:39	0809	200145_WC_301	461 398.0	5 905 819.4	Down	Sand
20/08/2020	07:11:24	0810	200145_WC_302	461 379.7	5 905 785.4	N	Down across sand to sea
20/08/2020	07:11:24	0810	200145_WC_303	461 379.7	5 905 785.4	E	Along sand
20/08/2020	07:11:24	0810	200145_WC_304	461 379.7	5 905 785.4	S	Up sand towards boulder breakwater 4
20/08/2020	07:11:24	0810	200145_WC_305	461 379.7	5 905 785.4	W	Along sand
20/08/2020	07:11:24	0810	200145_WC_306	461 379.7	5 905 785.4	Down	Sand
20/08/2020	07:12:38	0811	Line	461 406.7	5 905 763.3	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:12:59	0812	Line	461 404.0	5 905 766.0	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:02	0813	Line	461 402.7	5 905 766.5	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:07	0814	Line	461 398.9	5 905 766.6	-	Coarse (sand, pebbles) below boulder breakwater 4

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:13:10	0815	Line	461 399.8	5 905 769.4	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:15	0816	Line	461 401.8	5 905 774.6	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:20	0817	Line	461 402.3	5 905 779.9	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:24	0818	Line	461 399.8	5 905 781.8	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:28	0819	Line	461 394.7	5 905 779.3	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:33	0820	Line	461 391.3	5 905 774.5	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:39	0821	Line	461 393.0	5 905 768.2	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:13:39	0821	200145_WC_307	461 393.0	5 905 768.2	Down	Coarse (sand, pebbles)
20/08/2020	07:14:19	0822	Line	461 395.1	5 905 765.0	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:14:24	0823	Line	461 397.2	5 905 758.6	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:14:29	0824	Line	461 399.2	5 905 756.0	-	Coarse (sand, pebbles) below boulder breakwater 4
20/08/2020	07:16:10	0825	200145_WC_308	461 346.8	5 905 694.1	Down	Sand - submerged. Worm casts (<i>Arenicola</i> sp.)
20/08/2020	07:17:30	0826	Line	461 308.0	5 905 674.3	-	Muddy sand in pool
20/08/2020	07:18:00	0827	Line	461 309.7	5 905 677.7	-	Muddy sand in pool
20/08/2020	07:18:04	0828	Line	461 310.1	5 905 678.8	-	Muddy sand in pool
20/08/2020	07:18:10	0829	Line	461 308.8	5 905 681.1	-	Muddy sand in pool
20/08/2020	07:18:20	0830	Line	461 306.4	5 905 680.3	-	Muddy sand in pool
20/08/2020	07:19:49	0831	Line	461 279.7	5 905 669.2	-	Muddy sand in pool
20/08/2020	07:19:49	0831	Field Note	461 279.7	5 905 669.2	-	Muddy sand meets boulder breakwater 4. Too deep to walk between
20/08/2020	07:21:16	0832	Line	461 289.7	5 905 637.0	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:21:16	0832	Field Note	461 289.7	5 905 637.0	-	Mixed (muddy sand, pebbles, cobbles) meets breakwater
20/08/2020	07:21:33	0833	Line	461 293.6	5 905 640.5	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:21:40	0834	Line	461 298.9	5 905 644.9	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:21:47	0835	Line	461 296.3	5 905 649.1	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:03	0836	Line	461 293.3	5 905 652.3	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:09	0837	Line	461 298.7	5 905 655.3	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:14	0838	Line	461 302.4	5 905 657.8	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:19	0839	Line	461 307.1	5 905 655.8	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:25	0840	Line	461 311.9	5 905 657.2	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:31	0841	Line	461 316.2	5 905 660.4	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:38	0842	Line	461 320.4	5 905 660.8	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:44	0843	Line	461 321.8	5 905 667.4	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:50	0844	Line	461 323.3	5 905 671.8	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:22:57	0845	Line	461 317.5	5 905 668.4	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:23:06	0846	Line	461 312.8	5 905 666.4	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:23:06	0846	Line	461 312.8	5 905 666.4	-	Muddy sand in pool
20/08/2020	07:23:06	0846	200145_WC_309	461 312.8	5 905 666.4	Down	Muddy sand, 1 x pebble
20/08/2020	07:24:09	0847	Line	461 308.1	5 905 663.8	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:24:15	0848	Line	461 304.7	5 905 661.5	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:24:22	0849	Line	461 301.1	5 905 660.3	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:24:28	0850	Line	461 297.8	5 905 658.8	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:24:35	0851	Line	461 293.2	5 905 656.6	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:24:42	0852	Line	461 288.7	5 905 655.0	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:24:49	0853	Line	461 285.8	5 905 653.6	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:24:55	0854	Line	461 284.3	5 905 654.4	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:24:55	0854	200145_WC_310	461 284.3	5 905 654.4	NE	Canada Geese (<i>Branta canadensis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:29:22	0855	Line	461 424.6	5 905 703.9	-	Mixed (muddy sand, pebbles, cobbles) - largely in pool
20/08/2020	07:29:22	0855	200145_WC_311	461 424.6	5 905 703.9	N	Down boulder breakwater 4. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	07:29:22	0855	200145_WC_312	461 424.6	5 905 703.9	E	Across mixed (muddy sand, pebbles, cobbles)/muddy sand boundary
20/08/2020	07:29:22	0855	200145_WC_313	461 424.6	5 905 703.9	S	Up boulder breakwater 4. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	07:29:22	0855	200145_WC_314	461 424.6	5 905 703.9	W	Across boulder breakwater 4, to sand and other breakwaters. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	07:29:22	0855	200145_WC_315	461 424.6	5 905 703.9	Down	Mixed (muddy sand, pebbles, cobbles). Anoxia. Drift seaweed
20/08/2020	07:29:49	0856	Line	461 429.1	5 905 708.2	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:29:55	0857	Line	461 432.6	5 905 711.4	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:29:58	0858	Line	461 433.3	5 905 712.8	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:30:15	0859	Line	461 433.3	5 905 716.6	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:30:22	0860	Line	461 434.2	5 905 719.4	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:30:22	0860	Line	461 434.2	5 905 719.4	-	Muddy Sand
20/08/2020	07:32:12	0861	Line	461 438.5	5 905 721.4	-	Muddy Sand
20/08/2020	07:32:12	0861	200145_WC_316	461 438.5	5 905 721.4	N	Down across muddy sand (largely in pool) to sand and sea
20/08/2020	07:32:12	0861	200145_WC_317	461 438.5	5 905 721.4	E	Across muddy sand (?mixed)
20/08/2020	07:32:12	0861	200145_WC_318	461 438.5	5 905 721.4	S	Up across sand
20/08/2020	07:32:12	0861	200145_WC_319	461 438.5	5 905 721.4	W	Across muddy sand (?mixed) towards boulder breakwater 4
20/08/2020	07:32:12	0861	200145_WC_320	461 438.5	5 905 721.4	Down	Muddy sand
20/08/2020	07:32:16	0862	Line	461 440.9	5 905 721.8	-	Muddy sand
20/08/2020	07:32:20	0863	Line	461 444.1	5 905 723.1	-	Muddy sand
20/08/2020	07:32:24	0864	Line	461 445.5	5 905 725.0	-	Muddy sand
20/08/2020	07:32:26	0865	Line	461 445.6	5 905 725.9	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:32:30	0866	Line	461 442.8	5 905 728.0	-	Muddy sand
20/08/2020	07:32:34	0867	Line	461 440.5	5 905 728.4	-	Muddy sand
20/08/2020	07:32:42	0868	Line	461 435.3	5 905 727.2	-	Muddy sand
20/08/2020	07:32:42	0868	200145_WC_321	461 435.3	5 905 727.2	Down	Muddy sand
20/08/2020	07:32:42	0868	200145_WC_322	461 435.3	5 905 727.2	Down	Mixed (muddy sand, pebbles, cobbles) - in pool. Ephemeral greens (<i>Ulva lactuca</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:32:42	0868	Line	461 435.3	5 905 727.2	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:32:42	0868	Field Note	461 435.3	5 905 727.2	-	Muddy sand meets Mixed
20/08/2020	07:33:45	0869	Line	461 430.5	5 905 727.4	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:33:49	0870	Line	461 428.6	5 905 726.9	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:33:54	0871	Line	461 429.1	5 905 729.8	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:34:00	0872	Line	461 433.2	5 905 728.3	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:34:00	0872	Field Note	461 433.2	5 905 728.3	-	Muddy sand/mixed diverge
20/08/2020	07:34:04	0873	Line	461 435.0	5 905 726.6	-	Muddy sand
20/08/2020	07:34:31	0874	Line	461 433.0	5 905 729.9	-	Muddy sand
20/08/2020	07:34:37	0875	Line	461 432.0	5 905 732.4	-	Muddy sand
20/08/2020	07:34:42	0876	Line	461 430.0	5 905 733.3	-	Muddy sand
20/08/2020	07:34:50	0877	Line	461 426.1	5 905 733.0	-	Muddy sand
20/08/2020	07:34:55	0878	Line	461 424.8	5 905 729.2	-	Muddy sand
20/08/2020	07:35:03	0879	Line	461 425.4	5 905 726.0	-	Muddy sand
20/08/2020	07:35:09	0880	Line	461 425.7	5 905 723.5	-	Muddy sand
20/08/2020	07:35:12	0881	Line	461 424.7	5 905 722.4	-	Muddy sand
20/08/2020	07:35:17	0882	Line	461 422.2	5 905 720.9	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:35:22	0883	Line	461 420.4	5 905 717.7	-	Muddy sand
20/08/2020	07:36:13	0884	Line	461 415.3	5 905 733.5	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:36:35	0885	Line	461 416.6	5 905 730.4	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:36:44	0886	Line	461 420.8	5 905 727.6	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:36:52	0887	Line	461 420.2	5 905 724.9	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:36:59	0888	Line	461 426.0	5 905 725.6	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:37:04	0889	Line	461 426.7	5 905 724.5	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	07:38:11	0890	Line	461 448.9	5 905 738.0	-	Muddy sand
20/08/2020	07:38:11	0890	200145_WC_323	461 448.9	5 905 738.0	N	Down over muddy sand in pool to sand
20/08/2020	07:38:11	0890	200145_WC_324	461 448.9	5 905 738.0	E	Along muddy sand in pool
20/08/2020	07:38:11	0890	200145_WC_325	461 448.9	5 905 738.0	S	Up across sand
20/08/2020	07:38:11	0890	200145_WC_326	461 448.9	5 905 738.0	W	Across ?muddy sand in pool to boulder breakwaters
20/08/2020	07:38:11	0890	200145_WC_327	461 448.9	5 905 738.0	Down	Consolidated mud exposures (?clay) from sand
20/08/2020	07:38:11	0890	200145_WC_328	461 448.9	5 905 738.0	Down	Consolidated mud exposures (?clay) from sand
20/08/2020	07:38:11	0890	200145_WC_329	461 448.9	5 905 738.0	Down	Consolidated mud exposures (?clay) from sand
20/08/2020	07:38:11	0890	Field Note	461 448.9	5 905 738.0	Down	Consolidated mud exposures (?clay) from sand
20/08/2020	07:39:30	0891	Line	461 447.8	5 905 742.5	-	Muddy sand
20/08/2020	07:39:33	0892	Line	461 449.4	5 905 742.5	-	Muddy sand
20/08/2020	07:39:38	0893	Line	461 452.1	5 905 741.2	-	Muddy sand
20/08/2020	07:39:42	0894	Line	461 454.2	5 905 742.6	-	Muddy sand
20/08/2020	07:39:46	0895	Line	461 456.6	5 905 742.6	-	Muddy sand
20/08/2020	07:39:51	0896	Line	461 460.4	5 905 742.4	-	Muddy sand
20/08/2020	07:39:55	0897	Line	461 461.5	5 905 741.7	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:40:03	0898	Line	461 464.3	5 905 739.6	-	Muddy sand
20/08/2020	07:40:07	0899	Line	461 466.3	5 905 737.6	-	Muddy sand
20/08/2020	07:40:12	0900	Line	461 470.0	5 905 736.5	-	Muddy sand
20/08/2020	07:40:15	0901	Line	461 469.8	5 905 734.8	-	Muddy sand
20/08/2020	07:40:21	0902	Line	461 465.6	5 905 733.9	-	Muddy sand
20/08/2020	07:40:26	0903	Line	461 461.5	5 905 736.0	-	Muddy sand
20/08/2020	07:40:30	0904	Line	461 462.4	5 905 738.8	-	Muddy sand
20/08/2020	07:40:33	0905	Line	461 462.1	5 905 739.3	-	Muddy sand
20/08/2020	07:40:36	0906	Line	461 458.9	5 905 739.0	-	Muddy sand
20/08/2020	07:40:41	0907	Line	461 456.2	5 905 737.6	-	Muddy sand
20/08/2020	07:40:45	0908	Line	461 453.6	5 905 736.4	-	Muddy sand
20/08/2020	07:40:53	0909	Line	461 450.5	5 905 738.3	-	Muddy sand
20/08/2020	07:40:53	0909	200145_WC_330	461 450.5	5 905 738.3	Down	Consolidated mud exposures (?clay) from sand
20/08/2020	07:41:58	0910	Line	461 462.7	5 905 740.3	-	Muddy sand
20/08/2020	07:41:58	0910	200145_WC_331	461 462.7	5 905 740.3	Down	Muddy sand
20/08/2020	07:41:58	0910	200145_WC_332	461 462.7	5 905 740.3	Down	Muddy sand
20/08/2020	07:43:20	0911	Line	461 461.5	5 905 741.2	-	Muddy sand
20/08/2020	07:43:26	0912	Line	461 461.9	5 905 745.8	-	Muddy sand
20/08/2020	07:43:31	0913	Line	461 464.6	5 905 747.6	-	Muddy sand
20/08/2020	07:43:35	0914	Line	461 466.3	5 905 748.1	-	Muddy sand
20/08/2020	07:43:39	0915	Line	461 467.3	5 905 749.5	-	Muddy sand
20/08/2020	07:43:43	0916	Line	461 470.3	5 905 750.2	-	Muddy sand
20/08/2020	07:43:48	0917	Line	461 472.3	5 905 748.9	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:43:52	0918	Line	461 470.8	5 905 746.5	-	Muddy sand
20/08/2020	07:43:57	0919	Line	461 470.8	5 905 744.1	-	Muddy sand
20/08/2020	07:43:57	0919	200145_WC_333	461 470.8	5 905 744.1	Down	Muddy sand
20/08/2020	07:44:32	0920	Line	461 474.4	5 905 743.1	-	Muddy sand
20/08/2020	07:44:37	0921	Line	461 471.9	5 905 741.6	-	Muddy sand
20/08/2020	07:44:46	0922	Line	461 472.4	5 905 738.3	-	Muddy sand
20/08/2020	07:44:49	0923	Line	461 474.4	5 905 737.7	-	Muddy sand
20/08/2020	07:44:54	0924	Line	461 477.2	5 905 736.7	-	Muddy sand
20/08/2020	07:44:57	0925	Line	461 479.7	5 905 736.2	-	Muddy sand
20/08/2020	07:45:02	0926	Line	461 478.7	5 905 733.2	-	Muddy sand
20/08/2020	07:45:06	0927	Line	461 476.3	5 905 732.4	-	Muddy sand
20/08/2020	07:45:10	0928	Line	461 473.3	5 905 731.9	-	Muddy sand
20/08/2020	07:45:16	0929	Line	461 470.6	5 905 734.5	-	Muddy sand
20/08/2020	07:45:19	0930	Line	461 470.0	5 905 735.3	-	Muddy sand
20/08/2020	07:45:23	0931	Line	461 467.4	5 905 735.2	-	Muddy sand
20/08/2020	07:45:26	0932	Line	461 467.6	5 905 736.2	-	Muddy sand
20/08/2020	07:46:04	0933	200145_WC_334	461 463.7	5 905 730.5	Down	Muddy sand
20/08/2020	07:47:34	0934	Line	461 498.9	5 905 727.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:47:39	0935	Line	461 502.2	5 905 729.7	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:47:44	0936	Line	461 505.0	5 905 732.8	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:47:50	0937	Line	461 511.0	5 905 735.7	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:47:54	0938	Line	461 514.6	5 905 737.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:02	0939	Line	461 522.3	5 905 742.3	-	Coarse (sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:48:09	0940	Line	461 528.6	5 905 744.7	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:12	0941	Line	461 529.6	5 905 742.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:19	0942	Line	461 523.8	5 905 737.1	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:24	0943	Line	461 518.2	5 905 735.0	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:30	0944	Line	461 511.9	5 905 731.5	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:36	0945	Line	461 505.3	5 905 725.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:43	0946	Line	461 498.0	5 905 721.5	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:49	0947	Line	461 491.1	5 905 720.0	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:53	0948	Line	461 485.6	5 905 719.6	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:48:57	0949	Line	461 482.4	5 905 718.5	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:49:02	0950	Line	461 480.0	5 905 713.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:49:06	0951	Line	461 475.8	5 905 712.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:49:12	0952	Line	461 469.6	5 905 710.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:49:30	0953	Line	461 454.9	5 905 699.2	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:49:38	0954	Line	461 444.9	5 905 697.2	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:49:44	0955	Line	461 437.5	5 905 697.0	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:49:51	0956	Line	461 430.1	5 905 698.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:49:57	0957	Line	461 425.8	5 905 704.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:50:00	0958	Line	461 425.0	5 905 706.6	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:50:04	0959	Line	461 429.0	5 905 706.5	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:50:17	0960	Line	461 445.0	5 905 706.6	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:50:23	0961	Line	461 449.6	5 905 710.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:50:27	0962	Line	461 453.8	5 905 712.0	-	Coarse (sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:50:32	0963	Line	461 459.8	5 905 711.4	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:50:32	0963	200145_WC_335	461 459.8	5 905 711.4	Down	Coarse (sand, pebbles)
20/08/2020	07:51:35	0964	Line	461 462.5	5 905 711.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:51:39	0965	Line	461 465.4	5 905 711.4	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:51:39	0965	200145_WC_336	461 465.4	5 905 711.4	Down	Coarse (sand, pebbles)
20/08/2020	07:52:04	0966	Line	461 471.1	5 905 714.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:52:09	0967	Line	461 474.1	5 905 717.4	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:52:18	0968	Line	461 486.2	5 905 723.5	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:52:24	0969	Line	461 492.6	5 905 726.4	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:52:30	0970	Line	461 500.0	5 905 729.4	-	Coarse (sand, pebbles, cobbles)
20/08/2020	07:53:49	0971	Line	461 574.8	5 905 749.6	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:53:53	0972	Line	461 571.3	5 905 751.4	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:53:58	0973	Line	461 564.4	5 905 754.4	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:54:03	0974	Line	461 559.6	5 905 755.4	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:54:05	0975	Line	461 561.0	5 905 756.8	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:54:10	0976	Line	461 566.9	5 905 758.5	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:54:28	0977	Line	461 585.9	5 905 763.8	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:54:33	0978	Line	461 591.0	5 905 764.8	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:54:33	0978	200145_WC_337	461 591.0	5 905 764.8	Down	Coarse (sand, pebbles)
20/08/2020	07:55:04	0979	Line	461 598.2	5 905 766.4	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:55:10	0980	Line	461 606.5	5 905 770.8	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:55:16	0981	Line	461 612.3	5 905 773.7	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:55:21	0982	Line	461 616.3	5 905 777.5	-	Coarse (sand, pebbles, cobbles) (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:55:21	0982	200145_WC_338	461 616.3	5 905 777.5	Down	Coarse/?Mixed (sand, pebbles, cobbles)
20/08/2020	07:55:21	0982	200145_WC_339	461 616.3	5 905 777.5	Down	Coarse/?Mixed (sand, pebbles, cobbles)
20/08/2020	07:56:33	0983	Line	461 619.3	5 905 778.8	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	07:56:37	0984	Line	461 618.8	5 905 783.4	-	Mixed
20/08/2020	07:57:02	0985	Line	461 626.1	5 905 787.4	-	Mixed
20/08/2020	07:57:05	0986	Line	461 628.9	5 905 787.5	-	Mixed
20/08/2020	07:57:25	0987	Line	461 617.3	5 905 779.7	-	Mixed
20/08/2020	07:57:54	0988	Line	461 618.6	5 905 782.0	-	Consolidated mud exposures (?clay)
20/08/2020	07:57:59	0989	Line	461 615.4	5 905 782.8	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:03	0990	Line	461 613.2	5 905 786.1	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:07	0991	Line	461 610.2	5 905 788.5	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:11	0992	Line	461 606.2	5 905 789.2	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:14	0993	Line	461 602.7	5 905 786.2	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:19	0994	Line	461 598.4	5 905 783.0	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:22	0995	Line	461 596.6	5 905 780.5	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:29	0996	Line	461 594.2	5 905 779.1	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:34	0997	Line	461 597.0	5 905 782.9	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:41	0998	Line	461 602.9	5 905 786.9	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:44	0999	Line	461 604.7	5 905 788.7	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:58	1000	Line	461 616.4	5 905 786.1	-	Consolidated mud exposures (?clay)
20/08/2020	07:58:58	1000	200145_WC_340	461 616.4	5 905 786.1	Down	Consolidated mud exposures (?clay) from sand
20/08/2020	07:59:47	1001	Line	461 613.7	5 905 792.0	-	Muddy sand
20/08/2020	07:59:53	1002	Line	461 616.6	5 905 789.6	-	Muddy sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:59:56	1003	Line	461 618.6	5 905 787.5	-	Muddy sand
20/08/2020	07:59:59	1004	Line	461 620.2	5 905 786.4	-	Muddy sand
20/08/2020	08:00:02	1005	Line	461 620.3	5 905 785.9	-	Muddy sand
20/08/2020	08:00:05	1006	Line	461 618.1	5 905 784.4	-	Muddy sand
20/08/2020	08:00:08	1007	Line	461 616.6	5 905 783.7	-	Muddy sand
20/08/2020	08:00:30	1008	Line	461 628.0	5 905 786.1	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:00:37	1009	Line	461 635.1	5 905 790.5	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:00:41	1010	Line	461 639.4	5 905 791.5	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:00:46	1011	Line	461 644.1	5 905 793.1	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:00:50	1012	Line	461 648.7	5 905 795.4	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:00:54	1013	Line	461 651.4	5 905 797.4	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:00:58	1014	Line	461 656.2	5 905 798.5	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:01:02	1015	Line	461 658.7	5 905 801.0	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:01:49	1016	Line	461 655.1	5 905 813.7	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:01:55	1017	Line	461 656.4	5 905 814.7	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:01:59	1018	Line	461 658.5	5 905 813.2	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:02:08	1019	Line	461 660.0	5 905 808.3	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:02:12	1020	Line	461 660.5	5 905 804.9	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:02:23	1021	Line	461 668.5	5 905 806.5	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:02:26	1022	Line	461 671.3	5 905 807.2	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:02:51	1023	Line	461 683.4	5 905 804.0	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:02:57	1024	Line	461 679.3	5 905 800.3	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:03:03	1025	Line	461 673.1	5 905 797.6	-	Coarse (sand, pebbles, cobbles) (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:03:11	1026	Line	461 664.0	5 905 793.3	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:03:11	1026	200145_WC_341	461 664.0	5 905 793.3	N	Down shore across cobbles - incoming tide
20/08/2020	08:03:11	1026	200145_WC_342	461 664.0	5 905 793.3	E	Along coarse/?mixed (sand, pebbles, cobbles) - incoming tide
20/08/2020	08:03:11	1026	200145_WC_343	461 664.0	5 905 793.3	S	Up over coarse
20/08/2020	08:03:11	1026	200145_WC_344	461 664.0	5 905 793.3	W	Along sand v coarse/?mixed (sand, pebbles, cobbles) boundary - incoming tide
20/08/2020	08:03:11	1026	200145_WC_345	461 664.0	5 905 793.3	Down	Coarse sand
20/08/2020	08:03:57	1027	Line	461 662.3	5 905 793.6	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:04	1028	Line	461 654.2	5 905 791.9	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:09	1029	Line	461 648.7	5 905 790.1	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:15	1030	Line	461 648.8	5 905 785.1	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:29	1031	Line	461 633.8	5 905 772.9	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:37	1032	Line	461 626.8	5 905 766.5	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:42	1033	Line	461 621.0	5 905 763.2	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:51	1034	Line	461 611.1	5 905 761.3	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:54	1035	Line	461 610.1	5 905 763.6	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:04:59	1036	Line	461 605.4	5 905 764.4	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:05:03	1037	Line	461 601.5	5 905 762.6	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:05:08	1038	Line	461 597.9	5 905 759.7	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:05:08	1038	200145_WC_346	461 597.9	5 905 759.7	Down	Coarse sand
20/08/2020	08:05:50	1039	Line	461 595.0	5 905 757.4	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:05:57	1040	Line	461 589.5	5 905 756.3	-	Coarse (sand, pebbles, cobbles) (2)
20/08/2020	08:12:20	1041	Line	461 419.9	5 905 688.3	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:12:32	1042	Line	461 417.7	5 905 692.0	-	Coarse (sand, pebbles, cobbles) (3)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:12:36	1043	Line	461 415.8	5 905 694.8	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:12:40	1044	Line	461 417.4	5 905 697.8	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:12:44	1045	Line	461 420.5	5 905 699.5	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:12:47	1046	Line	461 422.7	5 905 700.6	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:12:53	1047	Line	461 420.3	5 905 706.6	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:12:56	1048	Line	461 419.1	5 905 703.8	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:13:00	1049	Line	461 417.1	5 905 699.7	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:13:03	1050	Line	461 414.2	5 905 697.0	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:13:19	1051	Line	461 399.2	5 905 692.8	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:13:27	1052	Field Note	461 392.9	5 905 689.2	-	Water flow/seepage
20/08/2020	08:13:27	1052	200145_WC_347	461 392.9	5 905 689.2	S	Up over water flow on sand
20/08/2020	08:13:42	1053	Line	461 381.0	5 905 684.6	-	Mixed (muddy sand, pebbles, cobbles) strip below coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:13:50	1054	Line	461 375.4	5 905 682.4	-	Mixed (muddy sand, pebbles, cobbles) strip below coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:13:57	1055	Line	461 369.5	5 905 681.1	-	Mixed (muddy sand, pebbles, cobbles) strip below coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:14:07	1056	Line	461 360.0	5 905 673.5	-	Mixed (muddy sand, pebbles, cobbles) strip below coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:14:16	1057	Line	461 352.9	5 905 670.5	-	Mixed (muddy sand, pebbles, cobbles) strip below coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:14:20	1058	Line	461 351.1	5 905 668.8	-	Mixed (muddy sand, pebbles, cobbles) strip below coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:15:10	1059	Line	461 338.9	5 905 664.1	-	Mixed (muddy sand, pebbles, cobbles) strip below coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:15:10	1059	Field Note	461 338.9	5 905 664.1	-	Incoming tide
20/08/2020	08:15:40	1060	Line	461 359.4	5 905 656.7	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:15:50	1061	Line	461 369.8	5 905 663.4	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:16:23	1062	Line	461 373.0	5 905 668.6	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:16:23	1062	200145_WC_348	461 373.0	5 905 668.6	Down	Coarse (sand, pebbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:16:47	1063	Line	461 390.8	5 905 672.1	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:16:47	1063	200145_WC_349	461 390.8	5 905 672.1	Down	Coarse sand
20/08/2020	08:17:56	1064	Line	461 351.3	5 905 655.3	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:02	1065	Line	461 344.2	5 905 651.3	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:08	1066	Line	461 338.9	5 905 646.8	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:12	1067	Line	461 337.8	5 905 645.2	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:15	1068	Line	461 335.1	5 905 646.4	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:21	1069	Line	461 328.2	5 905 642.5	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:35	1070	Line	461 314.6	5 905 632.7	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:42	1071	Line	461 306.4	5 905 628.8	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:51	1072	Line	461 296.3	5 905 623.5	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:57	1073	Line	461 290.9	5 905 623.0	-	Coarse (sand, pebbles, cobbles) (3)
20/08/2020	08:18:57	1073	Field Note	461 290.9	5 905 623.0	-	Water flow
20/08/2020	08:20:20	1074	200145_WC_351	461 303.4	5 905 618.0	Down	Sand
20/08/2020	08:20:40	1075	200145_WC_350	461 299.6	5 905 632.8	Down	Coarse (sand, pebbles)
20/08/2020	08:24:08	1076	Line	461 169.3	5 905 542.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:24:08	1076	200145_WC_352	461 169.3	5 905 542.7	N	Down to boulder breakwater ?2 over ?coarse sand, incoming tide
20/08/2020	08:24:08	1076	200145_WC_353	461 169.3	5 905 542.7	E	Along coarse (pebbles, cobbles)/sand boundary
20/08/2020	08:24:08	1076	200145_WC_354	461 169.3	5 905 542.7	S	Up coarse (pebbles, cobbles) towards shingle
20/08/2020	08:24:08	1076	200145_WC_355	461 169.3	5 905 542.7	W	Along coarse (pebbles, cobbles)/sand boundary towards boulder breakwater 1
20/08/2020	08:24:46	1077	Line	461 186.0	5 905 555.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:24:55	1078	Line	461 195.5	5 905 559.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:25:10	1079	Line	461 210.5	5 905 565.4	-	Coarse (sand, pebbles, cobbles) - sand patch below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:25:17	1080	Line	461 215.5	5 905 571.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:25:24	1081	Line	461 222.0	5 905 574.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:25:28	1082	Line	461 226.0	5 905 576.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:25:34	1083	Line	461 232.8	5 905 576.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:25:43	1084	Line	461 242.7	5 905 581.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:25:49	1085	Line	461 247.7	5 905 579.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:25:55	1086	Line	461 253.5	5 905 582.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:25:55	1086	200145_WC_356	461 253.5	5 905 582.8	Down	Coarse (sand, pebbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:25:55	1086	Field Note	461 253.5	5 905 582.8	-	Coarse (sand, pebbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) on a brick
20/08/2020	08:26:00	1087	Line	461 258.2	5 905 583.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:05	1088	Line	461 262.4	5 905 583.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:11	1089	Line	461 267.2	5 905 587.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:16	1090	Line	461 270.5	5 905 585.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:24	1091	Line	461 279.7	5 905 588.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:30	1092	Line	461 285.4	5 905 590.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:35	1093	Line	461 290.6	5 905 590.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:40	1094	Line	461 293.6	5 905 594.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:43	1095	Line	461 294.1	5 905 596.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:49	1096	Line	461 300.7	5 905 596.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:26:54	1097	Line	461 304.6	5 905 597.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:27:00	1098	Line	461 311.8	5 905 599.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:27:39	1099	Line	461 317.7	5 905 602.5	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:27:51	1100	Line	461 329.5	5 905 609.4	-	Coarse (sand, pebbles, cobbles) - sand patch below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:27:57	1101	Line	461 333.6	5 905 609.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:02	1102	Line	461 339.0	5 905 608.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:09	1103	Line	461 345.9	5 905 612.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:17	1104	Line	461 353.2	5 905 619.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:23	1105	Line	461 360.0	5 905 618.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:27	1106	Line	461 362.7	5 905 617.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:34	1107	Line	461 369.8	5 905 619.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:41	1108	Line	461 376.5	5 905 621.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:47	1109	Line	461 381.1	5 905 621.5	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:28:47	1109	200145_WC_357	461 381.1	5 905 621.5	N	Coarse (sand, pebbles). Top of water flow/seepage - incoming tide
20/08/2020	08:28:47	1109	Field Note	461 381.1	5 905 621.5	-	Top of water flow/seepage
20/08/2020	08:29:29	1110	Line	461 388.2	5 905 622.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:29:36	1111	Line	461 394.2	5 905 626.5	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:29:42	1112	Line	461 399.7	5 905 628.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:29:48	1113	Line	461 405.6	5 905 629.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:29:52	1114	Line	461 408.7	5 905 630.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:00	1115	Line	461 417.0	5 905 630.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:05	1116	Line	461 421.6	5 905 631.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:11	1117	Line	461 426.8	5 905 631.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:19	1118	Line	461 435.0	5 905 635.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:26	1119	Line	461 441.8	5 905 636.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:33	1120	Line	461 445.3	5 905 640.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:38	1121	Line	461 449.1	5 905 640.5	-	Coarse (sand, pebbles, cobbles) - sand patch below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:30:45	1122	Line	461 453.4	5 905 645.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:53	1123	Line	461 460.0	5 905 646.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:30:59	1124	Line	461 465.0	5 905 645.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:04	1125	Line	461 470.2	5 905 646.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:10	1126	Line	461 474.6	5 905 646.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:14	1127	Line	461 477.6	5 905 647.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:21	1128	Line	461 479.0	5 905 653.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:25	1129	Line	461 481.5	5 905 655.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:30	1130	Line	461 483.9	5 905 651.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:34	1131	Line	461 486.5	5 905 650.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:44	1132	Line	461 496.6	5 905 654.3	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:31:50	1133	Line	461 502.9	5 905 656.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:32:00	1134	Line	461 497.6	5 905 656.3	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:32:00	1134	200145_WC_358	461 497.6	5 905 656.3	N	Coarse (sand, pebbles). Top of water flow/seepage - incoming tide
20/08/2020	08:32:00	1134	Field Note	461 497.6	5 905 656.3	N	Top of water flow/seepage
20/08/2020	08:32:39	1135	Line	461 509.2	5 905 666.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:32:44	1136	Line	461 513.0	5 905 663.3	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:32:50	1137	Line	461 516.2	5 905 661.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:40:19	1138	Line	461 520.3	5 905 666.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:40:29	1139	Line	461 523.2	5 905 667.3	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:40:35	1140	Line	461 529.0	5 905 672.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:40:48	1141	Line	461 545.4	5 905 678.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:40:53	1142	Line	461 551.7	5 905 677.7	-	Coarse (sand, pebbles, cobbles) - sand patch below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:41:04	1143	Line	461 563.8	5 905 679.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:41:14	1144	Line	461 571.9	5 905 682.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:41:20	1145	Line	461 576.8	5 905 686.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:41:20	1145	200145_WC_359	461 576.8	5 905 686.8	N	Coarse (sand, pebbles). Top of water flow/seepage - incoming tide
20/08/2020	08:41:20	1145	Field Note	461 576.8	5 905 686.8	N	Top of water flow/seepage
20/08/2020	08:41:58	1146	Line	461 581.7	5 905 685.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:06	1147	Line	461 590.2	5 905 689.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:13	1148	Line	461 597.7	5 905 692.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:20	1149	Line	461 606.3	5 905 695.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:25	1150	Line	461 610.6	5 905 697.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:32	1151	Line	461 619.3	5 905 702.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:36	1152	Line	461 623.1	5 905 703.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:41	1153	Line	461 627.1	5 905 706.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:48	1154	Line	461 635.1	5 905 708.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:52	1155	Line	461 639.2	5 905 710.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:42:56	1156	Line	461 642.2	5 905 709.5	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:00	1157	Line	461 647.1	5 905 712.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:05	1158	Line	461 651.6	5 905 713.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:18	1159	Line	461 658.2	5 905 715.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:25	1160	Line	461 664.6	5 905 717.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:30	1161	Line	461 667.9	5 905 721.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:35	1162	Line	461 673.1	5 905 721.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:39	1163	Line	461 677.5	5 905 722.4	-	Coarse (sand, pebbles, cobbles) - sand patch below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:43:45	1164	Line	461 682.8	5 905 725.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:50	1165	Line	461 687.5	5 905 727.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:43:56	1166	Line	461 692.8	5 905 729.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:03	1167	Line	461 701.3	5 905 731.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:09	1168	Line	461 706.6	5 905 732.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:13	1169	Line	461 710.8	5 905 735.3	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:18	1170	Line	461 716.0	5 905 738.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:26	1171	Line	461 724.7	5 905 741.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:33	1172	Line	461 732.2	5 905 745.4	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:38	1173	Line	461 735.6	5 905 747.2	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:42	1174	Line	461 737.8	5 905 748.1	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:48	1175	Line	461 743.2	5 905 751.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:54	1176	Line	461 746.6	5 905 754.3	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:44:59	1177	Line	461 749.7	5 905 755.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:45:05	1178	Line	461 754.1	5 905 756.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:45:10	1179	Line	461 756.9	5 905 757.8	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:45:17	1180	Line	461 761.1	5 905 758.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:45:17	1180	200145_WC_360	461 761.1	5 905 758.7	N	Coarse (sand, pebbles). Top of water flow/seepage - incoming tide
20/08/2020	08:45:17	1180	Field Note	461 761.1	5 905 758.7	N	Top of water flow/seepage
20/08/2020	08:46:00	1181	Line	461 762.6	5 905 760.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:46:04	1182	Line	461 765.6	5 905 759.9	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:46:13	1183	Line	461 771.4	5 905 758.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:46:19	1184	Line	461 777.4	5 905 757.2	-	Coarse (sand, pebbles, cobbles) - sand patch below

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:46:29	1185	Line	461 789.4	5 905 760.7	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:46:39	1186	Line	461 797.5	5 905 765.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:46:51	1187	Line	461 811.8	5 905 772.6	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:46:59	1188	Line	461 820.5	5 905 777.0	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:47:10	1189	Line	461 832.0	5 905 784.5	-	Coarse (sand, pebbles, cobbles) - sand patch below
20/08/2020	08:47:16	1190	Line	461 837.6	5 905 787.2	-	Coarse (sand, pebbles, cobbles) - sand patch below/Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) boundary
20/08/2020	08:47:16	1190	200145_WC_361	461 837.6	5 905 787.2	N	Down across Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:47:16	1190	200145_WC_362	461 837.6	5 905 787.2	E	Along mixed (muddy sand, pebbles, cobbles)/sand boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:47:16	1190	200145_WC_363	461 837.6	5 905 787.2	S	Up mixed (muddy sand, pebbles, cobbles) to coarse. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:47:16	1190	200145_WC_364	461 837.6	5 905 787.2	W	Along mixed (muddy sand, pebbles, cobbles)/sand boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:47:16	1190	200145_WC_365	461 837.6	5 905 787.2	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	08:47:16	1190	Field Note	461 837.6	5 905 787.2	-	W end of a Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) patch – approx. 4 m wide
20/08/2020	08:49:29	1191	Line	461 843.8	5 905 789.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:49:37	1192	Line	461 849.3	5 905 793.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:49:42	1193	Line	461 852.5	5 905 795.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:50:07	1194	Line	461 856.2	5 905 795.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:50:12	1195	Line	461 860.7	5 905 799.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:50:21	1196	Line	461 871.0	5 905 804.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:50:31	1197	Line	461 881.6	5 905 809.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:50:37	1198	Line	461 887.9	5 905 812.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:50:52	1199	Line	461 904.0	5 905 821.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:50:57	1200	Line	461 906.9	5 905 820.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:51:01	1201	Line	461 908.3	5 905 819.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:51:08	1202	Line	461 910.9	5 905 819.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:51:08	1202	Field Note	461 910.9	5 905 819.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:51:59	1203	Line	461 914.3	5 905 814.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:51:59	1203	200145_WC_366	461 914.3	5 905 814.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:52:04	1204	Line	461 917.8	5 905 814.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:52:11	1205	Line	461 924.7	5 905 816.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:52:17	1206	Line	461 930.5	5 905 818.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:52:24	1207	Line	461 936.9	5 905 821.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:52:31	1208	Line	461 943.2	5 905 824.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:52:37	1209	Line	461 949.0	5 905 826.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:52:47	1210	Line	461 957.9	5 905 829.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:52:55	1211	Line	461 965.7	5 905 833.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:53:02	1212	Line	461 972.9	5 905 836.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:55:28	1213	200145_WC_367	462 068.6	5 905 866.6	N	Down coarse (sand, pebbles, cobbles) to sea - incoming tide
20/08/2020	08:55:28	1213	200145_WC_368	462 068.6	5 905 866.6	E	Along coarse (sand, pebbles, cobbles). Anthropogenic infrastructure. Metal poles - incoming tide
20/08/2020	08:55:28	1213	200145_WC_369	462 068.6	5 905 866.6	S	Up coarse (sand, pebbles, cobbles) towards seawall
20/08/2020	08:55:28	1213	200145_WC_370	462 068.6	5 905 866.6	W	Along coarse (sand, pebbles, cobbles) - incoming tide
20/08/2020	08:55:28	1213	200145_WC_371	462 068.6	5 905 866.6	Down	Coarse (sand, pebbles, cobbles)
20/08/2020	08:55:28	1213	Target Note	462 068.6	5 905 866.6	-	Anthropogenic infrastructure: Rows of metals poles to E
20/08/2020	08:59:58	1214	200145_WC_372	462 233.2	5 905 946.8	N	Down coarse (sand, pebbles, cobbles) to sea - incoming tide
20/08/2020	08:59:58	1214	200145_WC_373	462 233.2	5 905 946.8	E	Along coarse (sand, pebbles, cobbles) and area of rock dump - incoming tide
20/08/2020	08:59:58	1214	200145_WC_374	462 233.2	5 905 946.8	S	Up over coarse (sand, pebbles, cobbles) and area of rock dump
20/08/2020	08:59:58	1214	200145_WC_375	462 233.2	5 905 946.8	W	Along coarse (sand, pebbles, cobbles). Anthropogenic infrastructure. Metal poles - incoming tide
20/08/2020	08:59:58	1214	Target Note	462 233.2	5 905 946.8	W	Anthropogenic infrastructure: Rows of metals poles to west
20/08/2020	08:59:58	1214	Line	462 233.2	5 905 946.8	-	Boulders (rock dump patch)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:00:18	1215	Line	462 235.2	5 905 947.3	-	Boulders (rock dump patch)
20/08/2020	09:00:25	1216	Line	462 241.2	5 905 952.2	-	Boulders (rock dump patch)
20/08/2020	09:00:30	1217	Line	462 245.6	5 905 953.5	-	Boulders (rock dump patch)
20/08/2020	09:00:35	1218	Line	462 249.6	5 905 955.5	-	Boulders (rock dump patch)
20/08/2020	09:00:41	1219	Line	462 253.1	5 905 958.3	-	Boulders (rock dump patch)
20/08/2020	09:00:46	1220	Line	462 258.4	5 905 960.6	-	Boulders (rock dump patch)
20/08/2020	09:00:50	1221	Line	462 261.8	5 905 960.2	-	Boulders (rock dump patch)
20/08/2020	09:00:57	1222	Line	462 267.2	5 905 958.5	-	Boulders (rock dump patch)
20/08/2020	09:01:02	1223	Line	462 267.4	5 905 954.5	-	Boulders (rock dump patch)
20/08/2020	09:01:15	1224	Line	462 258.9	5 905 946.2	-	Boulders (rock dump patch)
20/08/2020	09:01:21	1225	Line	462 253.8	5 905 948.4	-	Boulders (rock dump patch)
20/08/2020	09:01:26	1226	Line	462 252.0	5 905 949.1	-	Boulders (rock dump patch)
20/08/2020	09:01:26	1226	200145_WC_376	462 252.0	5 905 949.1	0	Down over coarse (sand, pebbles, cobbles) and area of rock dump. Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	09:01:26	1226	Field Note	462 252.0	5 905 949.1	-	Down over coarse (sand, pebbles, cobbles) and area of rock dump. Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	09:02:25	1227	Line	462 249.1	5 905 945.2	-	Boulders (rock dump patch)
20/08/2020	09:02:33	1228	Line	462 240.4	5 905 943.1	-	Boulders (rock dump patch)
20/08/2020	10:04:18	1366	Line	462 297.6	5 905 929.0	-	Cement seawall
20/08/2020	10:04:18	1366	200145_WC_377	462 297.6	5 905 929.0	N	Down along edge rock dump sea defence, cement to sea
20/08/2020	10:05:16	1367	Line	462 263.1	5 905 914.5	-	Cement seawall
20/08/2020	10:05:16	1367	Target Note	462 263.1	5 905 914.5	-	Access: Steps
20/08/2020	10:05:19	1368	Line	462 262.7	5 905 914.0	-	Cement seawall

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:05:19	1368	Field Note	462 262.7	5 905 914.0	-	Access. Steps
20/08/2020	10:05:24	1369	Line	462 259.2	5 905 911.5	-	Cement seawall
20/08/2020	10:05:24	1369	Field Note	462 259.2	5 905 911.5	-	Access. Steps
20/08/2020	10:05:27	1370	Line	462 259.1	5 905 912.4	-	Cement seawall
20/08/2020	10:05:27	1370	Field Note	462 259.1	5 905 912.4	-	Access. Steps
20/08/2020	10:05:27	1370	200145_WC_378	462 259.1	5 905 912.4	E	Access: Steps
20/08/2020	10:05:33	1371	Line	462 261.9	5 905 913.9	-	Cement seawall
20/08/2020	10:05:33	1371	Field Note	462 261.9	5 905 913.9	-	Access. Steps
20/08/2020	10:07:14	1372	Line	462 197.4	5 905 884.1	-	Cement seawall
20/08/2020	10:07:58	1373	Line	462 139.1	5 905 858.6	-	Cement seawall
20/08/2020	10:15:42	1374	Line	461 833.6	5 905 719.6	-	Cement seawall
20/08/2020	10:16:01	1375	Line	461 814.5	5 905 718.4	-	Cement seawall
20/08/2020	10:16:09	1376	Line	461 808.8	5 905 716.7	-	Cement seawall
20/08/2020	10:16:19	1377	Line	461 800.3	5 905 716.4	-	Cement seawall
20/08/2020	10:16:29	1378	Line	461 791.6	5 905 717.7	-	Cement seawall
20/08/2020	10:16:36	1379	Line	461 785.4	5 905 717.7	-	Cement seawall
20/08/2020	10:16:43	1380	Line	461 778.5	5 905 714.4	-	Cement seawall
20/08/2020	10:16:53	1381	Line	461 769.0	5 905 710.5	-	Cement seawall
20/08/2020	10:17:01	1382	Line	461 761.5	5 905 705.2	-	Cement seawall
20/08/2020	10:17:11	1383	Line	461 755.0	5 905 699.2	-	Cement seawall
20/08/2020	10:17:35	1384	Line	461 749.4	5 905 693.3	-	Cement seawall
20/08/2020	10:17:49	1385	Line	461 744.3	5 905 687.3	-	Cement seawall
20/08/2020	10:17:57	1386	Line	461 739.7	5 905 682.9	-	Cement seawall

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:18:03	1387	Line	461 735.9	5 905 680.5	-	Cement seawall
20/08/2020	10:18:12	1388	Line	461 730.6	5 905 677.1	-	Cement seawall
20/08/2020	10:18:12	1388	200145_WC_379	461 730.6	5 905 677.1	E	Access. Slip - break in seawall. Pioneer shingle community
20/08/2020	10:18:12	1388	Target Note	461 730.6	5 905 677.1	-	Access. Slip - break in seawall
20/08/2020	10:20:48	1389	Line	461 722.5	5 905 674.3	-	Cement seawall (2)
20/08/2020	10:20:48	1389	200145_WC_380	461 722.5	5 905 674.3	W	End seawall (2), yellow lichen
20/08/2020	10:20:48	1389	Field Note	461 722.5	5 905 674.3	-	End seawall (2)
20/08/2020	10:20:56	1390	Line	461 715.6	5 905 671.5	-	Cement seawall (2)
20/08/2020	10:21:04	1391	Line	461 708.8	5 905 667.6	-	Cement seawall (2)
20/08/2020	10:21:16	1392	Line	461 697.1	5 905 662.5	-	Cement seawall (2)
20/08/2020	10:21:45	1393	Line	461 662.0	5 905 648.4	-	Cement seawall (2)
20/08/2020	10:22:22	1394	Line	461 619.0	5 905 628.5	-	Cement seawall (2)
20/08/2020	10:23:02	1395	Line	461 606.9	5 905 622.0	-	Cement seawall (2)
20/08/2020	10:23:02	1395	200145_WC_381	461 606.9	5 905 622.0	Down	Pioneer shingle community
20/08/2020	10:23:02	1395	200145_WC_382	461 606.9	5 905 622.0	Down	Pioneer shingle community: ?Mallows
20/08/2020	10:23:02	1395	200145_WC_383	461 606.9	5 905 622.0	W	Access: Start of metal rail
20/08/2020	10:23:02	1395	Field Note	461 606.9	5 905 622.0	-	Start of metal rail for access
20/08/2020	10:24:01	1396	Line	461 601.3	5 905 620.8	-	Cement seawall (2)
20/08/2020	10:24:01	1396	Field Note	461 601.3	5 905 620.8	-	End of seawall at top of access slip
20/08/2020	10:24:22	1397	Line	461 599.7	5 905 622.8	-	Cement seawall (2)
20/08/2020	10:24:22	1397	200145_WC_384	461 599.7	5 905 622.8	W	Disabled access. Seawall now 1 m wide
20/08/2020	10:24:22	1397	Target Note	461 599.7	5 905 622.8	-	Access: Ramp
20/08/2020	10:25:00	1398	Line	461 598.1	5 905 620.4	-	Cement seawall (2)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:25:00	1398	Field Note	461 598.1	5 905 620.4	-	Outer edge of access, seawall now 1 m wide
20/08/2020	10:25:39	1399	Line	461 580.8	5 905 613.2	-	Cement seawall (2)
20/08/2020	10:25:39	1399	200145_WC_385	461 580.8	5 905 613.2	N	Access: Bottom of slip
20/08/2020	10:25:39	1399	200145_WC_386	461 580.8	5 905 613.2	E	Along 1 m wide seawall
20/08/2020	10:25:39	1399	200145_WC_387	461 580.8	5 905 613.2	S	Anthropogenic. Across railway, to station
20/08/2020	10:25:39	1399	200145_WC_388	461 580.8	5 905 613.2	W	Along 1 m wide seawall
20/08/2020	10:25:39	1399	Target Note	461 580.8	5 905 613.2	-	Access: bottom of slip
20/08/2020	10:27:10	1400	Line	461 488.6	5 905 572.4	-	Cement seawall (2)
20/08/2020	10:29:33	1401	Line	461 294.8	5 905 496.0	-	Cement seawall (2)
20/08/2020	10:32:42	1402	Line	461 148.0	5 905 474.2	-	Car impacted zone at top of shingle
20/08/2020	10:32:42	1402	200145_WC_389	461 148.0	5 905 474.2	N	Row of cement poles on stabilised shingle. Pioneer shingle community
20/08/2020	10:32:42	1402	Target Note	461 148.0	5 905 474.2	N	Anthropogenic: Row of cement poles on stabilised shingle. Pioneer shingle community
20/08/2020	10:32:42	1402	200145_WC_390	461 148.0	5 905 474.2	E	Along 1 m wide seawall. Pioneer shingle community
20/08/2020	10:32:42	1402	200145_WC_391	461 148.0	5 905 474.2	S	Seawall. Lichens. Across to Carpark
20/08/2020	10:32:42	1402	200145_WC_392	461 148.0	5 905 474.2	W	Along 1 m wide seawall. Pioneer shingle community
20/08/2020	10:33:20	1403	Line	461 144.6	5 905 486.6	-	Car impacted zone at top of shingle
20/08/2020	10:33:29	1404	Line	461 149.7	5 905 481.2	-	Car impacted zone at top of shingle
20/08/2020	10:33:34	1405	Line	461 153.6	5 905 483.4	-	Car impacted zone at top of shingle
20/08/2020	10:33:47	1406	Line	461 159.0	5 905 495.6	-	Car impacted zone at top of shingle
20/08/2020	10:34:08	1407	Line	461 178.4	5 905 498.7	-	Car impacted zone at top of shingle
20/08/2020	10:34:31	1408	Line	461 181.7	5 905 501.7	-	Car impacted zone at top of shingle
20/08/2020	10:34:39	1409	Line	461 189.1	5 905 502.8	-	Car impacted zone at top of shingle
20/08/2020	10:35:18	1410	Line	461 206.1	5 905 512.1	-	Car impacted zone at top of shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:35:30	1411	Line	461 218.1	5 905 513.2	-	Car impacted zone at top of shingle
20/08/2020	10:35:41	1412	Line	461 230.2	5 905 514.8	-	Car impacted zone at top of shingle
20/08/2020	10:35:57	1413	Line	461 246.9	5 905 518.7	-	Car impacted zone at top of shingle
20/08/2020	10:36:12	1414	Line	461 264.8	5 905 527.2	-	Car impacted zone at top of shingle
20/08/2020	10:36:26	1415	Line	461 280.1	5 905 531.3	-	Car impacted zone at top of shingle
20/08/2020	10:36:43	1416	Line	461 296.4	5 905 539.4	-	Car impacted zone at top of shingle
20/08/2020	10:36:59	1417	Line	461 313.4	5 905 545.5	-	Car impacted zone at top of shingle
20/08/2020	10:37:19	1418	Line	461 335.8	5 905 552.0	-	Car impacted zone at top of shingle
20/08/2020	10:37:37	1419	Line	461 354.8	5 905 557.7	-	Car impacted zone at top of shingle
20/08/2020	10:37:57	1420	Line	461 375.6	5 905 565.0	-	Car impacted zone at top of shingle
20/08/2020	10:38:15	1421	Line	461 391.2	5 905 571.7	-	Car impacted zone at top of shingle
20/08/2020	10:38:37	1422	Line	461 412.8	5 905 579.5	-	Car impacted zone at top of shingle
20/08/2020	10:38:50	1423	Line	461 425.2	5 905 584.8	-	Car impacted zone at top of shingle
20/08/2020	10:38:59	1424	Line	461 433.2	5 905 586.7	-	Car impacted zone at top of shingle
20/08/2020	10:39:15	1425	Line	461 449.9	5 905 591.1	-	Car impacted zone at top of shingle
20/08/2020	10:39:40	1426	Line	461 471.3	5 905 599.1	-	Car impacted zone at top of shingle
20/08/2020	10:39:58	1427	Line	461 489.7	5 905 607.8	-	Car impacted zone at top of shingle
20/08/2020	10:40:21	1428	Line	461 513.4	5 905 615.4	-	Car impacted zone at top of shingle
20/08/2020	10:40:40	1429	Line	461 533.6	5 905 622.4	-	Car impacted zone at top of shingle
20/08/2020	10:40:58	1430	Line	461 551.3	5 905 629.3	-	Car impacted zone at top of shingle
20/08/2020	10:41:14	1431	Line	461 567.4	5 905 634.4	-	Car impacted zone at top of shingle
20/08/2020	10:41:30	1432	Line	461 584.3	5 905 641.0	-	Car impacted zone at top of shingle
20/08/2020	10:41:50	1433	Line	461 605.3	5 905 648.4	-	Car impacted zone at top of shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:42:13	1434	Line	461 630.2	5 905 657.9	-	Car impacted zone at top of shingle
20/08/2020	10:42:26	1435	Line	461 642.7	5 905 663.6	-	Car impacted zone at top of shingle
20/08/2020	10:42:43	1436	Line	461 659.7	5 905 669.8	-	Car impacted zone at top of shingle
20/08/2020	10:43:00	1437	Line	461 677.4	5 905 676.3	-	Car impacted zone at top of shingle
20/08/2020	10:43:18	1438	Line	461 691.7	5 905 680.0	-	Car impacted zone at top of shingle
20/08/2020	10:48:58	1439	Line	461 705.1	5 905 687.4	-	Car impacted zone at top of shingle
20/08/2020	10:49:09	1440	Line	461 714.2	5 905 691.0	-	Car impacted zone at top of shingle
20/08/2020	10:49:22	1441	Line	461 726.8	5 905 695.2	-	Car impacted zone at top of shingle
20/08/2020	10:49:36	1442	Line	461 739.8	5 905 697.6	-	Car impacted zone at top of shingle
20/08/2020	10:49:58	1443	Line	461 760.8	5 905 704.1	-	Car impacted zone at top of shingle
20/08/2020	10:49:58	1443	200145_WC_393	461 760.8	5 905 704.1	Down	Pioneer shingle community: Poppy
20/08/2020	10:49:58	1443	200145_WC_394	461 760.8	5 905 704.1	W	Back along impacted zone
20/08/2020	10:59:07	1444	200145_WC_395	461 294.8	5 905 501.5	Down	Cement bollards. Pioneer shingle community
20/08/2020	10:59:07	1444	Target Note	461 294.8	5 905 501.5	-	Anthropogenic: Cement Bollards
20/08/2020	11:00:08	1445	200145_WC_396	461 277.2	5 905 495.0	N	Across car impacted area. Pioneer shingle community
20/08/2020	11:00:08	1445	200145_WC_397	461 277.2	5 905 495.0	E	Cement bollards. Pioneer shingle community
20/08/2020	11:00:08	1445	200145_WC_398	461 277.2	5 905 495.0	S	Access: Across main access
20/08/2020	11:00:08	1445	200145_WC_399	461 277.2	5 905 495.0	W	Up wood bollards. Pioneer shingle community. Lichens
20/08/2020	11:00:08	1445	Target Note	461 277.2	5 905 495.0	-	Anthropogenic: Wood bollards (changed from cement)
20/08/2020	11:01:30	1446	Line	461 251.7	5 905 483.7	-	Cement seawall (3)
20/08/2020	11:01:30	1446	Field Note	461 251.7	5 905 483.7	-	Top of bollards
20/08/2020	11:02:00	1447	Line	461 251.7	5 905 490.2	-	Cement seawall (3)
20/08/2020	11:02:32	1448	Line	461 212.6	5 905 486.5	-	Cement seawall (3)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	11:02:44	1449	Line	461 200.6	5 905 484.9	-	Cement seawall (3)
20/08/2020	11:03:00	1450	Line	461 181.2	5 905 480.2	-	Cement seawall (3)
20/08/2020	11:03:21	1451	Line	461 158.4	5 905 473.0	-	Cement seawall (3)
20/08/2020	11:04:13	1452	Line	461 098.4	5 905 449.0	-	Cement seawall (3)
20/08/2020	11:05:30	1453	Line	460 999.7	5 905 409.1	-	Cement seawall (3)
20/08/2020	11:06:43	1454	Line	460 908.8	5 905 372.3	-	Cement seawall (3)
20/08/2020	11:08:01	1455	Line	460 908.5	5 905 389.5	-	Edge of pioneer shingle community/grass
20/08/2020	11:08:01	1455	200145_WC_400	460 908.5	5 905 389.5	N	Access: Down shingle path. Pioneer shingle community/grass
20/08/2020	11:08:01	1455	Target Note	460 908.5	5 905 389.5	N	Access: Down shingle path. Pioneer shingle community/grass
20/08/2020	11:08:01	1455	200145_WC_401	460 908.5	5 905 389.5	E	Along pioneer shingle community/grass
20/08/2020	11:08:01	1455	200145_WC_402	460 908.5	5 905 389.5	S	Up shingle path. Pioneer shingle community/grass
20/08/2020	11:08:01	1455	200145_WC_403	460 908.5	5 905 389.5	W	Along pioneer shingle community/grass
20/08/2020	11:08:38	1456	Line	460 907.6	5 905 397.4	-	Edge of pioneer shingle community/grass
20/08/2020	11:08:45	1457	Line	460 912.7	5 905 400.7	-	Edge of pioneer shingle community/grass
20/08/2020	11:08:55	1458	Line	460 921.6	5 905 404.4	-	Edge of pioneer shingle community/grass
20/08/2020	11:09:03	1459	Line	460 926.9	5 905 406.0	-	Edge of pioneer shingle community/grass
20/08/2020	11:09:11	1460	Line	460 934.2	5 905 405.4	-	Edge of pioneer shingle community/grass
20/08/2020	11:09:15	1461	Line	460 936.5	5 905 407.8	-	Edge of pioneer shingle community/grass
20/08/2020	11:09:24	1462	Line	460 944.3	5 905 409.6	-	Edge of pioneer shingle community/grass
20/08/2020	11:09:37	1463	Line	460 955.7	5 905 411.9	-	Edge of pioneer shingle community/grass
20/08/2020	11:09:50	1464	Line	460 967.0	5 905 415.4	-	Edge of pioneer shingle community/grass
20/08/2020	11:10:06	1465	Line	460 980.3	5 905 419.4	-	Edge of pioneer shingle community/grass
20/08/2020	11:10:16	1466	Line	460 988.5	5 905 422.8	-	Edge of pioneer shingle community/grass

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	11:10:30	1467	Line	461 000.8	5 905 425.3	-	Edge of pioneer shingle community/grass
20/08/2020	11:10:54	1468	Line	461 009.2	5 905 430.0	-	Edge of pioneer shingle community/grass
20/08/2020	11:11:09	1469	Line	461 022.3	5 905 432.5	-	Edge of pioneer shingle community/grass
20/08/2020	11:11:23	1470	Line	461 033.5	5 905 434.1	-	Edge of pioneer shingle community/grass
20/08/2020	15:52:31	1471	Line	461 820.2	5 905 777.5	-	Sand/Mixed (muddy sand, pebbles, cobbles)
20/08/2020	15:52:31	1471	200145_WC_404	461 820.2	5 905 777.5	N	Down sand to metal pipelines
20/08/2020	15:52:31	1471	200145_WC_405	461 820.2	5 905 777.5	E	Along boundary of mixed (muddy sand, pebbles, cobbles)/sand. Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	15:52:31	1471	200145_WC_406	461 820.2	5 905 777.5	S	Up over coarse (sand, pebbles, cobbles)
20/08/2020	15:52:31	1471	200145_WC_407	461 820.2	5 905 777.5	W	Along mixed (sand, pebbles, cobbles)/sand boundary. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:54:03	1472	Line	461 829.6	5 905 779.0	-	Sand/Mixed (muddy sand, pebbles, cobbles)
20/08/2020	15:54:14	1473	Line	461 834.0	5 905 780.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:54:49	1474	Line	461 838.6	5 905 785.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:54:59	1475	Line	461 847.6	5 905 790.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:55:11	1476	Line	461 863.3	5 905 801.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:55:21	1477	Line	461 878.0	5 905 810.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:55:36	1478	Line	461 884.9	5 905 811.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:55:47	1479	Line	461 897.8	5 905 816.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	15:55:55	1480	Line	461 900.1	5 905 819.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:56:07	1481	Line	461 905.7	5 905 819.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:56:16	1482	Line	461 910.0	5 905 818.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:56:35	1483	Line	461 926.2	5 905 823.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:56:51	1484	Line	461 934.4	5 905 825.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:57:03	1485	Line	461 940.9	5 905 828.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:57:40	1486	Line	461 943.1	5 905 829.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:57:54	1487	Line	461 957.7	5 905 836.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:58:05	1488	Line	461 963.6	5 905 841.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:58:19	1489	Line	461 973.5	5 905 843.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:58:28	1490	Line	461 980.9	5 905 845.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:58:37	1491	Line	461 986.6	5 905 848.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:58:46	1492	Line	461 992.6	5 905 851.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:58:57	1493	Line	462 001.0	5 905 854.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	15:59:08	1494	Line	462 007.7	5 905 857.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:59:19	1495	Line	462 012.2	5 905 860.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:59:19	1495	200145_WC_408	462 012.2	5 905 860.9	N	Down sand, over pool
20/08/2020	15:59:19	1495	200145_WC_409	462 012.2	5 905 860.9	E	Along mixed (muddy sand, pebbles, cobbles) - pool. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	15:59:19	1495	200145_WC_410	462 012.2	5 905 860.9	S	Up over mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	15:59:19	1495	200145_WC_411	462 012.2	5 905 860.9	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:59:19	1495	Field Note	462 012.2	5 905 860.9	-	Mixed (muddy sand, pebbles, cobbles). Border between ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)/barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	15:59:19	1495	Line	462 012.2	5 905 860.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	15:59:42	1496	Line	462 014.6	5 905 859.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:00:59	1497	Line	462 012.1	5 905 855.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:01:07	1498	Line	462 006.3	5 905 854.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:01:13	1499	Line	462 001.2	5 905 850.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:01:17	1500	Line	462 000.5	5 905 848.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:01:17	1500	Line	462 000.5	5 905 848.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:01:23	1501	Line	461 995.7	5 905 847.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:01:36	1502	Line	461 980.9	5 905 840.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:01:45	1503	Line	461 972.8	5 905 834.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:01:45	1503	200145_WC_412	461 972.8	5 905 834.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:01:45	1503	200145_WC_413	461 972.8	5 905 834.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:02:44	1504	Line	461 965.1	5 905 833.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:02:54	1505	Line	461 958.1	5 905 827.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:02:54	1505	200145_WC_414	461 958.1	5 905 827.8	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:04:39	1506	Line	462 015.7	5 905 862.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:05:09	1507	Line	462 019.4	5 905 863.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:05:17	1508	Line	462 023.0	5 905 865.3	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:05:28	1509	Line	462 029.1	5 905 868.2	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:05:36	1510	Line	462 034.4	5 905 870.5	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:05:47	1511	Line	462 039.6	5 905 872.7	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:06:05	1512	Line	462 048.2	5 905 875.1	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:06:38	1513	Line	462 051.4	5 905 868.0	-	Mixed (muddy sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:06:44	1514	Line	462 046.1	5 905 866.1	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:06:50	1515	Line	462 042.5	5 905 865.8	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:06:50	1515	200145_WC_415	462 042.5	5 905 865.8	N	Down across tyre at bottom of muddy sand, pebbles, cobbles) - across pool and sand to sea. Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:06:50	1515	200145_WC_416	462 042.5	5 905 865.8	E	Along end of mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:06:50	1515	200145_WC_417	462 042.5	5 905 865.8	S	Up coarse (sand, pebbles, cobbles) to seawall
20/08/2020	16:06:50	1515	200145_WC_418	462 042.5	5 905 865.8	W	Along mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:06:50	1515	Target Note	462 042.5	5 905 865.8	-	Anthropogenic debris - Tyre
20/08/2020	16:07:59	1516	Line	462 032.5	5 905 862.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:07:59	1516	200145_WC_419	462 032.5	5 905 862.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	16:08:40	1517	Line	462 021.3	5 905 856.4	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:08:49	1518	Line	462 011.5	5 905 852.1	-	Mixed (muddy sand, pebbles, cobbles)
20/08/2020	16:08:57	1519	Line	462 007.8	5 905 851.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:08:57	1519	200145_WC_420	462 007.8	5 905 851.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	16:09:32	1520	Line	462 001.0	5 905 848.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:10:07	1521	Line	462 015.2	5 905 860.2	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:10:13	1522	Line	462 017.3	5 905 863.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:10:24	1523	Line	462 023.3	5 905 865.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:10:37	1524	Line	462 031.8	5 905 866.9	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:10:45	1525	Line	462 037.8	5 905 867.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:10:50	1526	Line	462 041.0	5 905 870.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:10:56	1527	Line	462 043.6	5 905 870.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:11:02	1528	Line	462 048.4	5 905 870.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	16:12:35	1529	Line	462 050.7	5 905 876.2	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:12:46	1530	Line	462 057.1	5 905 878.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:12:54	1531	Line	462 062.8	5 905 879.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:13:05	1532	Line	462 070.7	5 905 883.0	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:13:14	1533	Line	462 077.3	5 905 883.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:13:26	1534	Line	462 087.8	5 905 887.1	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:13:33	1535	Line	462 094.7	5 905 892.6	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:13:37	1536	Line	462 096.5	5 905 892.7	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:13:41	1537	Line	462 097.4	5 905 894.8	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:13:47	1538	Line	462 103.8	5 905 895.1	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:13:58	1539	Line	462 115.3	5 905 900.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:14:14	1540	Line	462 132.2	5 905 908.5	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:14:26	1541	Line	462 145.0	5 905 914.4	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:14:42	1542	Line	462 160.5	5 905 920.6	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:14:49	1543	Line	462 169.8	5 905 925.2	-	Coarse (sand, pebbles, cobbles)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:14:54	1544	Line	462 172.6	5 905 928.1	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:15:07	1545	Line	462 190.2	5 905 932.9	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:15:19	1546	Line	462 198.0	5 905 935.1	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:15:32	1547	Line	462 216.2	5 905 944.3	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:15:43	1548	Line	462 231.5	5 905 953.2	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:15:53	1549	Line	462 244.6	5 905 960.2	-	Coarse (sand, pebbles, cobbles)
20/08/2020	16:16:06	1550	Line	462 252.1	5 905 961.1	-	Coarse (sand, pebbles, cobbles)
20/08/2020	18:19:29	1965	200145_WC_421	462 044.4	5 906 068.9	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:21:47	1966	200145_WC_422	462 031.2	5 906 026.7	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:22:25	1967	200145_WC_423	462 008.8	5 906 001.1	Down	Sand. Anoxia. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:22:25	1967	200145_WC_424	462 008.8	5 906 001.1	Down	Sand with worm casts (<i>Arenicola</i> sp.), Lion's Mane jellyfish (<i>Cyanea capitata</i>)
20/08/2020	18:24:08	1968	200145_WC_425	461 948.6	5 906 023.6	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:25:11	1969	200145_WC_426	461 888.7	5 906 059.3	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:26:02	1970	Field Note	461 836.9	5 906 058.1	S	End of metal pipe. Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), juvenile mussels (<i>Mytilus</i> juv.)
20/08/2020	18:26:02	1970	200145_WC_427	461 836.9	5 906 058.1	S	End of metal pipe. Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), juvenile mussels (<i>Mytilus</i> juv.)
20/08/2020	18:26:02	1970	200145_WC_428	461 836.9	5 906 058.1	Down	Sand
20/08/2020	18:26:02	1970	200145_WC_429	461 836.9	5 906 058.1	S	End of metal pipe. Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), juvenile mussels (<i>Mytilus</i> juv.)
20/08/2020	18:26:02	1970	200145_WC_430	461 836.9	5 906 058.1	NW	Cormorant (<i>Phalacrocorax carbo</i>) on end of derelict pipe
20/08/2020	18:26:02	1970	200145_WC_431	461 836.9	5 906 058.1	NW	Cormorant (<i>Phalacrocorax carbo</i>) on end of derelict pipe
20/08/2020	18:26:02	1970	200145_WC_432	461 836.9	5 906 058.1	NW	Cormorant (<i>Phalacrocorax carbo</i>) on end of derelict pipe
20/08/2020	18:29:01	1971	Field Note	461 790.9	5 906 030.6	-	Lowest accessible limited of outflow pipe - Tidal limit

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:29:01	1971	200145_WC_433	461 790.9	5 906 030.6	N	Outflow from pipe
20/08/2020	18:29:01	1971	200145_WC_434	461 790.9	5 906 030.6	N	Down derelict section of outflow pipe
20/08/2020	18:29:01	1971	200145_WC_435	461 790.9	5 906 030.6	S	Up used section of outflow pipe
20/08/2020	18:29:01	1971	200145_WC_436	461 790.9	5 906 030.6	W	Metal outflow pipe. Dense mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	18:29:01	1971	200145_WC_437	461 790.9	5 906 030.6	W	Metal outflow pipe. Dense mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	18:29:01	1971	200145_WC_438	461 790.9	5 906 030.6	W	Metal outflow pipe. Dense mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	18:29:01	1971	200145_WC_439	461 790.9	5 906 030.6	W	Metal outflow pipe. Dense mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	18:29:01	1971	200145_WC_440	461 790.9	5 906 030.6	SW	Metal outflow pipe. Dense mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i> , <i>Ulva lactuca</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	18:30:40	1972	200145_WC_441	461 855.2	5 906 009.1	Down	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	18:37:37	1973	200145_WC_442	462 016.7	5 905 939.7	Down	Sand
20/08/2020	18:38:31	1974	200145_WC_443	462 065.4	5 905 937.4	Down	Sand with worm casts (<i>Arenicola</i> sp.) - submerged
20/08/2020	18:39:54	1975	200145_WC_444	462 128.6	5 905 947.6	Down	Sand with worm casts (<i>Arenicola</i> sp.) - submerged
20/08/2020	18:40:56	1976	200145_WC_445	462 182.4	5 905 967.4	Down	Sand
21/08/2020	18:58:56	3275	Line	460 892.8	5 905 658.2	-	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	18:59:00	3276	Line	460 892.0	5 905 656.7	-	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	18:59:08	3277	Line	460 888.0	5 905 655.5	-	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	18:59:11	3278	Line	460 888.0	5 905 656.8	-	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	18:59:17	3279	Line	460 893.3	5 905 659.4	-	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>)
21/08/2020	18:59:17	3279	200145_WC_446	460 893.3	5 905 659.4	NE	Along sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>), juvenile mussels (<i>Mytilus</i> juv.)
21/08/2020	18:59:17	3279	200145_WC_447	460 893.3	5 905 659.4	Down	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>), juvenile mussels (<i>Mytilus</i> juv.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
21/08/2020	18:59:17	3279	200145_WC_448	460 893.3	5 905 659.4	Down	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>), juvenile mussels (<i>Mytilus</i> juv.)
21/08/2020	18:59:17	3279	200145_WC_449	460 893.3	5 905 659.4	Down	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>), juvenile mussels (<i>Mytilus</i> juv.)
21/08/2020	18:59:17	3279	200145_WC_450	460 893.3	5 905 659.4	Down	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>), juvenile mussels (<i>Mytilus</i> juv.)
21/08/2020	18:59:17	3279	200145_WC_451	460 893.3	5 905 659.4	Down	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>), juvenile mussels (<i>Mytilus</i> juv.)
21/08/2020	18:59:17	3279	200145_WC_452	460 893.3	5 905 659.4	Down	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>), juvenile mussels (<i>Mytilus</i> juv.)
21/08/2020	18:59:17	3279	200145_WC_453	460 893.3	5 905 659.4	Down	Sand. Honeycomb reef worm (<i>Sabellaria alveolata</i>), juvenile mussels (<i>Mytilus</i> juv.)
19/08/2020	16:01:19	4395	Field Note	461 280.5	5 905 424.4	Field Note	Check GPS accuracy
19/08/2020	16:29:51	4396	Field Note	461 082.7	5 905 425.3	Field Note	Carparking
19/08/2020	16:38:45	4397	Field Note	460 986.0	5 905 398.8	Target Note	Access Path on the upper edge of the shore
19/08/2020	16:46:05	4398	200145_WC_454	460 886.5	5 905 362.8	N	Down shore, from ramp on promenade
19/08/2020	16:52:53	4399	Field Note	460 903.2	5 905 429.3	-	Top of metal outflow pipe
19/08/2020	16:52:53	4399	200145_WC_455	460 903.2	5 905 429.3	N	Down shore, from top of metal outflow pipe
19/08/2020	16:54:05	4400	Field Note	460 900.7	5 905 449.8	-	Bottom of metal outflow pipe
19/08/2020	16:54:05	4400	200145_WC_456	460 900.7	5 905 449.8	S	Up shore, bottom of metal outflow pipe
19/08/2020	16:54:05	4400	200145_WC_457	460 900.7	5 905 449.8	Down	Outflow pipe. Green ephemerals (<i>Ulva</i> sp.), barnacles, mussels (<i>Mytilus</i> sp.)
19/08/2020	16:54:05	4400	200145_WC_458	460 900.7	5 905 449.8	Down	Outflow pipe. Green ephemerals (<i>Ulva</i> sp.), barnacles, mussels (<i>Mytilus</i> sp.)
19/08/2020	16:54:05	4400	200145_WC_459	460 900.7	5 905 449.8	Down	Outflow pipe. Green ephemerals (<i>Ulva lactuca</i> , <i>Ulva ?intestinalis</i>), barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), mussels (<i>Mytilus</i> sp.), winkles (<i>Littorina</i> sp.)
19/08/2020	16:54:05	4400	200145_WC_460	460 900.7	5 905 449.8	Down	Outflow pipe. Green ephemerals (<i>Ulva lactuca</i>), barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), mussels (<i>Mytilus</i> sp.)
19/08/2020	16:57:55	4401	Line	460 902.4	5 905 451.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	16:57:55	4401	200145_WC_461	460 902.4	5 905 451.2	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkle (<i>Littorina littorea</i>). Compass jellyfish (<i>Chrysaora hysoscella</i>)
19/08/2020	16:57:55	4401	200145_WC_462	460 902.4	5 905 451.2	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>)
19/08/2020	16:57:55	4401	200145_WC_463	460 902.4	5 905 451.2	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	16:57:55	4401	200145_WC_464	460 902.4	5 905 451.2	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>)
19/08/2020	16:58:06	4402	Line	460 904.3	5 905 454.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	16:58:06	4402	200145_WC_465	460 904.3	5 905 454.2	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	16:58:06	4402	200145_WC_466	460 904.3	5 905 454.2	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
19/08/2020	16:58:06	4402	Line	460 904.3	5 905 454.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	16:58:20	4403	Line	460 906.8	5 905 458.3	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	16:58:39	4404	Line	460 903.8	5 905 461.4	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	16:58:57	4405	Line	460 904.8	5 905 464.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:00:56	4406	Line	460 903.6	5 905 464.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:01:06	4407	Line	460 898.5	5 905 465.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:02:35	4408	Line	460 894.9	5 905 466.7	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:02:43	4409	Line	460 891.8	5 905 462.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:02:58	4410	Line	460 888.4	5 905 458.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:03:53	4411	Line	460 890.5	5 905 456.9	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:04:00	4412	Line	460 892.6	5 905 454.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:04:08	4413	Line	460 896.1	5 905 451.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:04:20	4414	Line	460 900.1	5 905 450.8	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:05:09	4415	Line	460 897.2	5 905 455.9	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:08:06	4416	Line	460 948.3	5 905 476.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:08:06	4416	200145_WC_467	460 948.3	5 905 476.6	Down	Mixed (muddy sand, pebbles, cobbles). Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles (Sessilia), winkles (<i>Littorina littorea</i>)
19/08/2020	17:08:06	4416	200145_WC_468	460 948.3	5 905 476.6	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:09:33	4417	Line	460 951.1	5 905 479.3	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:09:42	4418	Line	460 953.4	5 905 476.0	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:09:42	4418	200145_WC_469	460 953.4	5 905 476.0	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:09:50	4419	Line	460 951.3	5 905 475.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:09:50	4419	200145_WC_470	460 951.3	5 905 475.6	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:12:41	4420	Line	460 963.5	5 905 483.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:13:45	4421	Line	460 963.0	5 905 480.4	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:13:57	4422	Line	460 966.4	5 905 480.7	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:13:57	4422	200145_WC_471	460 966.4	5 905 480.7	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:14:34	4423	Line	460 969.5	5 905 484.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:14:34	4423	200145_WC_472	460 969.5	5 905 484.0	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:14:41	4424	Line	460 970.7	5 905 483.9	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:14:54	4425	Line	460 975.5	5 905 486.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia)
19/08/2020	17:14:54	4425	200145_WC_473	460 975.5	5 905 486.0	Down	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), barnacles (Sessilia), winkle (<i>Littorina littorea</i>)
19/08/2020	17:17:09	4426	200145_WC_474	461 020.7	5 905 499.9	N	Down boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
19/08/2020	17:18:21	4427	Line	461 021.0	5 905 504.3	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:19:43	4428	Line	461 018.9	5 905 506.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:19:43	4428	200145_WC_475	461 018.9	5 905 506.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:19:50	4429	Line	461 018.5	5 905 511.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:20:00	4430	Line	461 016.7	5 905 516.2	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:20:00	4430	200145_WC_476	461 016.7	5 905 516.2	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
19/08/2020	17:21:11	4431	Line	461 015.8	5 905 520.5	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:21:11	4431	200145_WC_477	461 015.8	5 905 520.5	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	17:21:41	4432	Line	461 013.8	5 905 524.8	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:21:56	4433	Line	461 013.4	5 905 528.5	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:22:07	4434	Line	461 012.3	5 905 530.6	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:22:07	4434	200145_WC_478	461 012.3	5 905 530.6	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, winkle (<i>Littorina littorea</i>), <i>Fucus</i> sp.
19/08/2020	17:24:38	4435	Line	461 008.9	5 905 538.6	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:24:51	4436	Line	461 007.8	5 905 546.8	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:25:00	4437	Line	461 006.5	5 905 550.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:25:09	4438	Line	461 005.4	5 905 556.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:25:19	4439	Line	461 004.0	5 905 560.1	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:25:29	4440	Line	461 001.6	5 905 566.9	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:25:40	4441	Line	461 000.3	5 905 572.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:25:48	4442	Line	460 998.2	5 905 577.6	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:25:58	4443	Line	460 995.1	5 905 581.8	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:25:58	4443	200145_WC_479	460 995.1	5 905 581.8	S	Up boulder breakwater 1 from bottom. Barnacles (Sessilia), green ephemerals (<i>Ulva ?intestinalis</i>)
19/08/2020	17:25:58	4443	200145_WC_480	460 995.1	5 905 581.8	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>), limpet (<i>Patella</i> sp.)
19/08/2020	17:25:58	4443	200145_WC_481	460 995.1	5 905 581.8	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>), limpet (<i>Patella</i> sp.)
19/08/2020	17:25:58	4443	200145_WC_482	460 995.1	5 905 581.8	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>), limpet (<i>Patella</i> sp.)
19/08/2020	17:29:51	4444	Line	460 995.0	5 905 575.9	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:29:51	4444	200145_WC_483	460 995.0	5 905 575.9	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), whelks (<i>Nucella lapillus</i>), limpets (<i>Patella</i> sp.)
19/08/2020	17:29:51	4444	200145_WC_484	460 995.0	5 905 575.9	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), whelks (<i>Nucella lapillus</i>), limpets (<i>Patella</i> sp.), anemone (<i>Actiniaria</i>)
19/08/2020	17:30:01	4445	Line	460 996.4	5 905 570.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	17:30:01	4445	200145_WC_485	460 996.4	5 905 570.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Actinia equina</i>)
19/08/2020	17:30:01	4445	200145_WC_486	460 996.4	5 905 570.7	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), whelks (<i>Nucella lapillus</i>), limpets (<i>Patella</i> sp.), anemone (<i>Actinia equina</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:31:47	4446	Line	460 997.3	5 905 566.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	17:31:47	4446	200145_WC_487	460 997.3	5 905 566.7	Down	Boulder breakwater 1. Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), whelks (<i>Nucella lapillus</i>), anemone (<i>Actinia equina</i>)
19/08/2020	17:31:47	4446	200145_WC_488	460 997.3	5 905 566.7	Down	Boulder breakwater 1. Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	17:32:03	4447	Line	460 998.2	5 905 562.3	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:34:45	4448	Line	460 998.9	5 905 559.1	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:35:00	4449	Line	461 001.5	5 905 556.5	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.), compass jellyfish (<i>Chrysaora hysoscella</i>)
19/08/2020	17:35:00	4449	200145_WC_489	461 001.5	5 905 556.5	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ?compass jellyfish (? <i>Chrysaora hysoscella</i>)
19/08/2020	17:35:00	4449	200145_WC_490	461 001.5	5 905 556.5	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ?compass jellyfish (? <i>Chrysaora hysoscella</i>)
19/08/2020	17:35:52	4450	Line	461 000.0	5 905 553.5	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:36:04	4451	Line	461 000.1	5 905 552.3	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:36:12	4452	Line	461 002.0	5 905 548.4	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:36:18	4453	Line	461 001.6	5 905 547.0	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:36:27	4454	Line	461 002.4	5 905 544.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:36:41	4455	Line	461 004.2	5 905 539.2	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:36:49	4456	Line	461 006.3	5 905 533.8	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:37:01	4457	Line	461 007.6	5 905 532.2	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:37:27	4458	Line	461 008.5	5 905 531.2	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:38:38	4459	Line	461 009.0	5 905 526.3	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:38:44	4460	Line	461 009.6	5 905 524.0	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:38:44	4460	200145_WC_491	461 009.6	5 905 524.0	Down	Boulder breakwater 1/Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), Lion's Mane jellyfish (<i>Cyanea capitata</i>)
19/08/2020	17:39:21	4461	200145_WC_492	461 012.5	5 905 525.1	Down	Boulder breakwater 1/Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), Lion's Mane jellyfish (<i>Cyanea capitata</i>)
19/08/2020	17:39:58	4462	Line	461 012.0	5 905 518.8	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:40:07	4463	Line	461 012.5	5 905 514.9	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:40:07	4463	200145_WC_493	461 012.5	5 905 514.9	Down	Boulder breakwater 1. Green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	17:40:16	4464	Line	461 014.1	5 905 509.8	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:40:16	4464	200145_WC_494	461 014.1	5 905 509.8	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	17:40:23	4465	Line	461 015.2	5 905 504.9	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:40:23	4465	200145_WC_495	461 015.2	5 905 504.9	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:40:35	4466	Line	461 018.1	5 905 500.7	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:41:52	4467	Line	461 017.5	5 905 506.9	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:41:52	4467	200145_WC_496	461 017.5	5 905 506.9	Down	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>), Fucus sp.
19/08/2020	17:41:52	4467	200145_WC_497	461 017.5	5 905 506.9	E	Along muddy sand. Plover (<i>Charadrius</i> sp.)
19/08/2020	17:42:48	4468	Line	461 016.2	5 905 513.2	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:44:46	4469	Line	461 011.4	5 905 531.4	-	Boulder breakwater 1. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva</i> sp.)
19/08/2020	17:45:40	4470	Field Note	461 012.8	5 905 503.4	-	Muddy sand. Few cobbles/Top of breakwater 1
19/08/2020	17:45:40	4470	200145_WC_498	461 012.8	5 905 503.4	N	Down over mixed (Muddy sand, infrequent cobbles) to sea
19/08/2020	17:45:40	4470	200145_WC_499	461 012.8	5 905 503.4	E	Along, over breakwater 1 (top). ?Mixed (?Muddy sand, infrequent cobbles)
19/08/2020	17:45:40	4470	200145_WC_500	461 012.8	5 905 503.4	S	Up shore, over sand on coarse to coarse
19/08/2020	17:45:40	4470	200145_WC_501	461 012.8	5 905 503.4	W	Mixed (Cobbles on mud), below coarse. Surface diatoms
19/08/2020	17:48:11	4471	Field Note	461 007.6	5 905 504.1	-	Mixed (Cobbles on mud)
19/08/2020	17:48:11	4471	200145_WC_502	461 007.6	5 905 504.1	Down	Mixed (Cobbles on mud), below coarse. Surface diatoms, barnacle recruitment (Sessilia)
19/08/2020	17:48:21	4472	Line	461 002.5	5 905 502.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:48:34	4473	Line	460 998.0	5 905 502.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:49:15	4474	Line	460 993.8	5 905 498.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:49:25	4475	Line	460 988.3	5 905 498.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:55:54	4476	Line	460 985.2	5 905 496.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Sessilia</i>)
19/08/2020	17:56:03	4477	Field Note	460 981.4	5 905 494.2	-	Mixed (muddy sand, infrequent cobbles)
19/08/2020	17:56:03	4477	200145_WC_503	460 981.4	5 905 494.2	N	Down over mixed (muddy sand, infrequent cobbles) to sea. Surface diatoms
19/08/2020	17:56:03	4477	200145_WC_504	460 981.4	5 905 494.2	S	Up shore, over mixed (pebbles/cobbles on mud) to coarse
19/08/2020	17:57:41	4478	Line	460 978.2	5 905 492.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	17:57:50	4479	Line	460 970.5	5 905 490.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:58:00	4480	Line	460 964.8	5 905 488.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:58:11	4481	Line	460 959.3	5 905 487.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:58:25	4482	Field Note	460 954.7	5 905 485.4	-	Mixed (muddy sand, infrequent cobbles)
19/08/2020	17:58:25	4482	200145_WC_505	460 954.7	5 905 485.4	N	Down over mixed (muddy sand, infrequent cobbles) to sea. Surface diatoms
19/08/2020	17:58:25	4482	200145_WC_506	460 954.7	5 905 485.4	S	Up shore, over mixed (pebbles/cobbles on mud) to coarse. Barnacles (<i>Semibalanus balanoides</i>) and ephemeral greens (<i>Ulva ?intestinalis</i>) above
19/08/2020	17:59:35	4483	Field Note	460 950.7	5 905 483.2	-	Mixed (muddy sand, infrequent cobbles)
19/08/2020	17:59:35	4483	200145_WC_507	460 950.7	5 905 483.2	N	Down over muddy sand (infrequent cobbles) to sea. Surface diatoms n standing water. Bottom of Mixed (muddy sand, pebbles, cobbles).Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	17:59:42	4484	Line	460 944.2	5 905 480.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:59:50	4485	Line	460 938.3	5 905 478.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	17:59:59	4486	Line	460 933.3	5 905 477.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	18:00:12	4487	Line	460 928.6	5 905 474.9	-	Mixed (Muddy sand, pebbles, cobbles), bottom. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), Sand mason worm (<i>Lanice conchilega</i>), worm cast (<i>Arenicola</i> sp.)
19/08/2020	18:00:12	4487	200145_WC_508	460 928.6	5 905 474.9	Down	Mixed (Muddy sand, pebbles, cobbles), bottom. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), Sand mason worm (<i>Lanice conchilega</i>), worm cast (<i>Arenicola</i> sp.)
19/08/2020	18:00:12	4487	200145_WC_509	460 928.6	5 905 474.9	Down	Mixed (Muddy sand, pebbles, cobbles), bottom. Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>), worm cast (<i>Arenicola</i> sp.)
19/08/2020	18:01:51	4488	Line	460 924.3	5 905 475.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	18:02:01	4489	Line	460 920.9	5 905 474.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	18:02:11	4490	Line	460 918.2	5 905 472.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	18:02:24	4491	Line	460 916.0	5 905 471.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:03:02	4492	Line	460 912.2	5 905 470.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	18:03:02	4492	200145_WC_510	460 912.2	5 905 470.9	Down	Mixed (Muddy sand, pebbles, cobbles), bottom. Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>), worm cast (<i>Arenicola</i> sp.)
19/08/2020	18:04:51	4494	200145_WC_511	460 904.8	5 905 467.7	-	Mixed (Muddy sand, pebbles, cobbles, boulder), bottom. Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	18:04:51	4494	200145_WC_512	460 904.8	5 905 467.7	E	Along, to breakwater 1 (top). Mixed (Muddy sand, pebbles, cobbles) below coarse. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:04:51	4494	200145_WC_513	460 904.8	5 905 467.7	S	Up over mixed (muddy sand, pebbles and cobbles) to coarse. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:04:51	4494	200145_WC_514	460 904.8	5 905 467.7	W	Along mixed (muddy sand, pebbles, cobbles) below coarse. Barnacles (<i>Semibalanus balanoides</i>), patch ephemeral greens (<i>Ulva ?intestinalis</i>) to west
19/08/2020	18:04:51	4494	200145_WC_515	460 904.8	5 905 467.7	N	Down over mixed (muddy sand, pebbles, cobbles, boulder) to sea. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:04:51	4494	Line	460 904.8	5 905 467.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
19/08/2020	18:05:04	4495	Field Note	460 902.1	5 905 466.6	-	Metal outflow pipe. Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:05:04	4495	200145_WC_516	460 902.1	5 905 466.6	S	Up to metal outflow pipe. Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>). Edge of ephemeral greens (<i>Ulva ?intestinalis</i>)
19/08/2020	18:05:04	4495	200145_WC_517	460 902.1	5 905 466.6	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), over patch of green ephemerals (<i>Ulva ?intestinalis</i>) to west
19/08/2020	18:05:04	4495	200145_WC_518	460 902.1	5 905 466.6	N	Down over muddy sand in pool to sea. Sand mason worm (<i>Lanice conchilega</i>). Ephemeral green (<i>Ulva ?intestinalis</i>) on cobble.
19/08/2020	18:05:04	4495	200145_WC_519	460 902.1	5 905 466.6	E	Along, to breakwater 1 (top). Mixed (muddy sand, pebbles, cobbles) below coarse (end). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:09:19	4496	Line	460 844.6	5 905 618.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:09:19	4496	200145_WC_520	460 844.6	5 905 618.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:09:19	4496	200145_WC_521	460 844.6	5 905 618.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>). ?Drift seaweed
19/08/2020	18:11:43	4497	Line	460 851.4	5 905 621.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:11:43	4497	200145_WC_522	460 851.4	5 905 621.2	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), worm cast (<i>Arenicola</i> sp.). ?Drift seaweed
19/08/2020	18:11:43	4497	200145_WC_523	460 851.4	5 905 621.2	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>). ?Drift seaweed
19/08/2020	18:12:16	4498	Line	460 852.5	5 905 624.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:12:16	4498	200145_WC_524	460 852.5	5 905 624.3	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), worm cast (<i>Arenicola</i> sp.). ?Drift seaweed
19/08/2020	18:12:16	4498	200145_WC_525	460 852.5	5 905 624.3	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>), worm cast (<i>Arenicola</i> sp.). ?Drift seaweed
19/08/2020	18:13:49	4499	Line	460 853.9	5 905 622.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	18:13:49	4499	200145_WC_526	460 853.9	5 905 622.6	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>), worm cast (<i>Arenicola</i> sp.). ?Drift seaweed
19/08/2020	18:16:47	4500	Line	460 868.2	5 905 624.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (2)
19/08/2020	18:16:47	4500	200145_WC_527	460 868.2	5 905 624.3	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>). ?Drift seaweed
19/08/2020	18:16:52	4501	Line	460 867.9	5 905 625.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (2)
19/08/2020	18:16:52	4501	200145_WC_528	460 867.9	5 905 625.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), anemone (<i>Sagartia</i> sp.)
19/08/2020	18:17:12	4502	Line	460 872.5	5 905 627.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (2)
19/08/2020	18:17:12	4502	200145_WC_529	460 872.5	5 905 627.6	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>), worm cast (<i>Arenicola</i> sp.)
19/08/2020	18:17:24	4503	Line	460 870.8	5 905 630.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (2)
19/08/2020	18:17:24	4503	200145_WC_530	460 870.8	5 905 630.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), Sand mason worm (<i>Lanice conchilega</i>), worm cast (<i>Arenicola</i> sp.)
19/08/2020	18:17:39	4504	Line	460 878.8	5 905 629.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (3)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:17:47	4505	Line	460 880.0	5 905 632.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (3)
19/08/2020	18:17:54	4506	Line	460 880.8	5 905 633.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (3)
19/08/2020	18:18:03	4507	Line	460 877.6	5 905 633.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (3)
19/08/2020	18:18:09	4508	Line	460 875.4	5 905 631.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (3)
19/08/2020	18:18:17	4509	Line	460 877.5	5 905 628.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>) (3)
19/08/2020	18:18:57	4510	Line	460 880.9	5 905 644.1	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:18:57	4510	200145_WC_531	460 880.9	5 905 644.1	ESE	Sand. Mussel (<i>Mytilus edulis</i>) aggregations - incoming tide
19/08/2020	18:18:57	4510	200145_WC_532	460 880.9	5 905 644.1	SE	Sand. Mussel (<i>Mytilus edulis</i>) aggregations - incoming tide
19/08/2020	18:18:57	4510	200145_WC_533	460 880.9	5 905 644.1	ESE	Sand. Mussel (<i>Mytilus edulis</i>) aggregations - incoming tide
19/08/2020	18:19:31	4511	Line	460 882.7	5 905 644.5	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:19:37	4512	Line	460 882.9	5 905 646.8	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:19:42	4513	Line	460 883.5	5 905 648.2	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:19:48	4514	Line	460 883.1	5 905 649.0	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:19:54	4515	Line	460 883.7	5 905 651.6	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:20:00	4516	Line	460 882.6	5 905 653.5	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:20:06	4517	Line	460 881.5	5 905 650.5	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:20:12	4518	Line	460 879.5	5 905 646.5	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:20:19	4519	Line	460 878.1	5 905 643.9	-	Mussels (<i>Mytilus</i> sp.) outcrop (1)
19/08/2020	18:20:56	4520	Line	460 891.2	5 905 655.7	-	<i>Sabellaria alveolata</i> patch and mussels (<i>Mytilus</i> sp.)
19/08/2020	18:21:02	4521	Line	460 892.8	5 905 656.2	-	<i>Sabellaria alveolata</i> patch and mussels (<i>Mytilus</i> sp.)
19/08/2020	18:21:11	4522	Line	460 895.7	5 905 657.1	-	<i>Sabellaria alveolata</i> patch and mussels (<i>Mytilus</i> sp.)
19/08/2020	18:21:18	4523	Line	460 897.5	5 905 658.3	-	<i>Sabellaria alveolata</i> patch and mussels (<i>Mytilus</i> sp.)
19/08/2020	18:21:24	4524	Line	460 898.9	5 905 659.3	-	<i>Sabellaria alveolata</i> patch and mussels (<i>Mytilus</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:21:30	4525	Line	460 896.1	5 905 658.3	-	<i>Sabellaria alveolata</i> patch and mussels (<i>Mytilus</i> sp.)
19/08/2020	18:21:36	4526	Line	460 893.1	5 905 658.6	-	<i>Sabellaria alveolata</i> patch and mussels (<i>Mytilus</i> sp.)
19/08/2020	18:21:44	4527	Line	460 889.8	5 905 656.0	-	<i>Sabellaria alveolata</i> patch and mussels (<i>Mytilus</i> sp.)
19/08/2020	18:30:49	4528	Field Note	460 929.1	5 905 708.7	-	Muddy sand. Sand mason worms (<i>Lanice conchilega</i>)
19/08/2020	18:30:49	4528	200145_WC_534	460 929.1	5 905 708.7	E	Along shore, along submerged muddy sand (channel). Sand mason worms (<i>Lanice conchilega</i>) - incoming tide
19/08/2020	18:30:49	4528	200145_WC_535	460 929.1	5 905 708.7	N	Down shore, over submerged muddy sand. Sand mason worms (<i>Lanice conchilega</i>) - incoming tide
19/08/2020	18:30:49	4528	200145_WC_536	460 929.1	5 905 708.7	S	Up shore, over sand. Sand mason worms (<i>Lanice conchilega</i>) - incoming tide
19/08/2020	18:31:38	4529	Field Note	460 983.4	5 905 717.4	-	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:31:38	4529	200145_WC_537	460 983.4	5 905 717.4	N	Down shore. Over submerged sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:31:38	4529	200145_WC_538	460 983.4	5 905 717.4	E	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:31:38	4529	200145_WC_539	460 983.4	5 905 717.4	S	Up shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:31:38	4529	200145_WC_540	460 983.4	5 905 717.4	W	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:31:38	4529	200145_WC_541	460 983.4	5 905 717.4	W	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:31:38	4529	200145_WC_542	460 983.4	5 905 717.4	Down	Sand. Sand mason worms (<i>Lanice conchilega</i>), Lion's Mane jellyfish (<i>Cyanea capitata</i>)
19/08/2020	18:32:58	4530	200145_WC_949	460 914.8	5 905 677.3	N	Down shore. Over submerged sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:32:58	4530	200145_WC_950	460 914.8	5 905 677.3	E	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:32:58	4530	200145_WC_951	460 914.8	5 905 677.3	S	Up shore. Over channel - incoming tide
19/08/2020	18:32:58	4530	200145_WC_952	460 914.8	5 905 677.3	W	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:33:44	4531	200145_WC_953	460 879.6	5 905 659.4	N	Down shore. Over submerged sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:33:44	4531	200145_WC_954	460 879.6	5 905 659.4	E	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:33:44	4531	200145_WC_955	460 879.6	5 905 659.4	S	Up shore. Over channel - incoming tide

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:33:44	4531	200145_WC_956	460 879.6	5 905 659.4	W	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:33:44	4531	200145_WC_957	460 879.6	5 905 659.4	W	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:34:56	4532	200145_WC_958	460 823.8	5 905 656.3	N	Down shore. Over submerged sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:34:56	4532	200145_WC_959	460 823.8	5 905 656.3	E	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:34:56	4532	200145_WC_960	460 823.8	5 905 656.3	S	Up shore. Over channel - incoming tide
19/08/2020	18:34:56	4532	200145_WC_961	460 823.8	5 905 656.3	W	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:36:20	4533	200145_WC_962	460 780.6	5 905 615.9	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:36:20	4533	200145_WC_963	460 780.6	5 905 615.9	N	Down shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:36:20	4533	200145_WC_964	460 780.6	5 905 615.9	E	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:36:20	4533	200145_WC_965	460 780.6	5 905 615.9	S	Up shore. Over channel - incoming tide
19/08/2020	18:36:20	4533	200145_WC_966	460 780.6	5 905 615.9	W	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:37:14	4534	200145_WC_967	460 759.7	5 905 609.8	W	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:37:14	4534	200145_WC_968	460 759.7	5 905 609.8	Down	Sand with worm casts (<i>Arenicola</i> sp.), anoxia
19/08/2020	18:37:14	4534	200145_WC_969	460 759.7	5 905 609.8	Down	Sand with worm casts (<i>Arenicola</i> sp.), anoxia
19/08/2020	18:37:14	4534	200145_WC_970	460 759.7	5 905 609.8	N	Down shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:37:14	4534	200145_WC_971	460 759.7	5 905 609.8	E	Along shore. Over sand with worm casts (<i>Arenicola</i> sp.) - incoming tide
19/08/2020	18:37:14	4534	200145_WC_972	460 759.7	5 905 609.8	S	Up shore. Worm casts (<i>Arenicola</i> sp.), anoxia. Over channel - incoming tide
19/08/2020	18:39:34	4535	200145_WC_973	460 749.2	5 905 612.5	Down	Sand with worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:41:19	4536	200145_WC_974	460 714.7	5 905 595.6	Down	Sand. Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	18:44:39	4537	Line	460 833.1	5 905 570.9	-	Gravelly sand. Sand mason worms (<i>Lanice conchilega</i>)
19/08/2020	18:44:47	4538	Line	460 826.7	5 905 570.8	-	Gravelly sand. Sand mason worms (<i>Lanice conchilega</i>)
19/08/2020	18:44:53	4539	Line	460 829.6	5 905 567.5	-	Gravelly sand. Sand mason worms (<i>Lanice conchilega</i>)
19/08/2020	18:44:58	4540	Line	460 833.1	5 905 565.9	-	Gravelly sand. Sand mason worms (<i>Lanice conchilega</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:45:04	4541	Line	460 834.2	5 905 567.6	-	Gravelly sand. Sand mason worms (<i>Lanice conchilega</i>)
19/08/2020	18:50:23	4542	200145_WC_975	460 740.4	5 905 378.0	N	Down shore. Over sand (From bottom of coarse)
19/08/2020	18:50:23	4542	200145_WC_976	460 740.4	5 905 378.0	E	Along shore. Along sand/coarse boundary
19/08/2020	18:50:23	4542	200145_WC_977	460 740.4	5 905 378.0	S	Up shore. Coarse
19/08/2020	18:50:23	4542	200145_WC_978	460 740.4	5 905 378.0	W	Along shore. Along sand/coarse boundary
19/08/2020	18:50:23	4542	Line	460 740.4	5 905 378.0	-	Coarse (above sand)
19/08/2020	18:51:35	4543	Line	460 743.2	5 905 377.3	-	Coarse (above sand)
19/08/2020	18:51:43	4544	Line	460 750.5	5 905 380.4	-	Coarse (above sand)
19/08/2020	18:51:50	4545	Line	460 757.0	5 905 384.3	-	Coarse (above sand)
19/08/2020	18:51:58	4546	200145_WC_979	460 763.7	5 905 386.0	N	Down shore. Over sand (from bottom of coarse)
19/08/2020	18:51:58	4546	200145_WC_980	460 763.7	5 905 386.0	E	Along shore. Along sand/coarse boundary
19/08/2020	18:51:58	4546	200145_WC_981	460 763.7	5 905 386.0	S	Up shore. Coarse
19/08/2020	18:51:58	4546	200145_WC_982	460 763.7	5 905 386.0	W	Along shore. Along sand/coarse boundary
19/08/2020	18:51:58	4546	Line	460 763.7	5 905 386.0	-	Coarse (above sand)
19/08/2020	18:52:38	4547	Line	460 770.2	5 905 390.1	-	Coarse (above sand)
19/08/2020	18:53:21	4548	Line	460 775.3	5 905 392.7	-	Coarse (above sand)
19/08/2020	18:53:27	4549	Line	460 779.5	5 905 394.5	-	Coarse (above sand)
19/08/2020	18:53:34	4550	Line	460 784.8	5 905 397.4	-	Coarse (above sand)
19/08/2020	18:53:41	4551	Line	460 789.9	5 905 399.2	-	Coarse (above sand)
19/08/2020	18:53:50	4552	200145_WC_983	460 796.8	5 905 403.1	N	Down shore. Over sand (from bottom of coarse)
19/08/2020	18:53:50	4552	200145_WC_984	460 796.8	5 905 403.1	E	Along shore. Along sand/coarse boundary
19/08/2020	18:53:50	4552	200145_WC_985	460 796.8	5 905 403.1	S	Up shore. Coarse
19/08/2020	18:53:50	4552	200145_WC_986	460 796.8	5 905 403.1	W	Along shore. Along sand/coarse boundary

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:53:50	4552	Line	460 796.8	5 905 403.1	-	Coarse (above sand)
19/08/2020	18:54:31	4553	Line	460 802.3	5 905 402.5	-	Coarse (above sand)
19/08/2020	18:54:38	4554	Line	460 808.4	5 905 404.4	-	Coarse (above sand)
19/08/2020	18:54:45	4555	Line	460 815.7	5 905 407.1	-	Coarse (above sand)
19/08/2020	18:54:53	4556	Line	460 820.6	5 905 410.3	-	Coarse (above sand)
19/08/2020	18:55:01	4557	Line	460 826.2	5 905 414.3	-	Coarse (above sand)
19/08/2020	18:55:12	4558	200145_WC_987	460 827.9	5 905 420.7	N	Down shore. Over sand (from bottom of coarse)
19/08/2020	18:55:12	4558	200145_WC_988	460 827.9	5 905 420.7	E	Along mixed (muddy sand/pebbles/cobbles) below coarse. Barnacles (Sessilia) from here to east
19/08/2020	18:55:12	4558	200145_WC_989	460 827.9	5 905 420.7	S	Up shore. Coarse
19/08/2020	18:55:12	4558	200145_WC_990	460 827.9	5 905 420.7	W	Along shore. Along sand/coarse boundary
19/08/2020	18:55:12	4558	Line	460 827.9	5 905 420.7	-	Coarse (above sand)
19/08/2020	18:56:01	4559	Line	460 830.3	5 905 425.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), winkles (<i>Littorina littorea</i>)
19/08/2020	18:56:44	4560	200145_WC_991	460 829.7	5 905 425.6	E	Along shore. Along sand/coarse boundary. Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	18:56:44	4560	200145_WC_992	460 829.7	5 905 425.6	Down	Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), diatoms in surface
19/08/2020	18:56:44	4560	Line	460 829.7	5 905 425.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), winkles (<i>Littorina littorea</i>)
19/08/2020	18:58:06	4561	Line	460 834.1	5 905 427.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), winkles (<i>Littorina littorea</i>)
19/08/2020	18:58:14	4562	Line	460 837.2	5 905 430.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), winkles (<i>Littorina littorea</i>)
19/08/2020	18:58:24	4563	Line	460 840.4	5 905 432.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), winkles (<i>Littorina littorea</i>)
19/08/2020	18:58:30	4564	200145_WC_993	460 842.1	5 905 435.1	Down	Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), diatoms in surface
19/08/2020	18:58:30	4564	Line	460 842.1	5 905 435.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	18:59:18	4565	Line	460 841.1	5 905 438.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), winkles (<i>Littorina littorea</i>)
19/08/2020	18:59:18	4565	200145_WC_543	460 841.1	5 905 438.7	S	Up over mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>), Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	19:00:26	4566	Line	460 844.3	5 905 438.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:00:34	4567	Line	460 847.7	5 905 438.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:00:34	4567	200145_WC_544	460 847.7	5 905 438.2	Down	Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.)
19/08/2020	19:00:34	4567	200145_WC_545	460 847.7	5 905 438.2	Down	Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.)
19/08/2020	19:02:05	4568	Line	460 850.1	5 905 438.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:02:05	4568	200145_WC_546	460 850.1	5 905 438.2	Down	Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), Sand mason worm (<i>Lanice conchilega</i>), worm casts (<i>Arenicola</i> sp.)
19/08/2020	19:02:05	4568	200145_WC_547	460 850.1	5 905 438.2	S	Up over mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:02:05	4568	200145_WC_548	460 850.1	5 905 438.2	Down	Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:02:13	4569	Line	460 855.2	5 905 441.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:02:22	4570	Line	460 857.4	5 905 444.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:03:20	4571	Line	460 861.2	5 905 446.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:03:28	4572	Line	460 865.5	5 905 448.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:03:36	4573	Line	460 868.7	5 905 451.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:03:45	4574	Line	460 872.6	5 905 453.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:03:57	4575	Line	460 876.0	5 905 454.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:05:20	4576	Line	460 880.5	5 905 456.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:05:29	4577	200145_WC_549	460 883.3	5 905 457.0	S	Up over mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:05:46	4578	200145_WC_550	460 885.7	5 905 457.6	E	Along mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>), Sand mason worm (<i>Lanice conchilega</i>), with ephemeral greens (<i>Ulva ?intestinalis</i>) to E
19/08/2020	19:05:46	4578	200145_WC_551	460 885.7	5 905 457.6	NW	Down over submerged muddy and to sea. Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	19:05:54	4579	Line	460 888.6	5 905 455.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:06:04	4580	Line	460 888.4	5 905 455.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:06:15	4581	200145_WC_552	460 886.1	5 905 455.5	W	Along mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i> , <i>Austrominius modestus</i>), winkles (<i>Littorina littorea</i>), Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	19:06:15	4581	200145_WC_553	460 886.1	5 905 455.5	Down	Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), Sand mason worm (<i>Lanice conchilega</i>)
19/08/2020	19:06:15	4581	200145_WC_554	460 886.1	5 905 455.5	Down	Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Sagartia</i> sp.), Sand mason worm (<i>Lanice conchilega</i>), crab (<i>Brachyura</i>)
19/08/2020	19:08:21	4582	200145_WC_555	460 884.4	5 905 453.3	W	Along mixed (muddy sand/pebbles/cobbles). Barnacles (Sessilia), winkles (<i>Littorina littorea</i>)
19/08/2020	19:08:32	4583	Line	460 880.2	5 905 451.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:08:38	4584	Field Note	460 878.4	5 905 451.1	-	Turnstone (<i>Arenaria interpres</i>)
19/08/2020	19:08:38	4584	200145_WC_556	460 878.4	5 905 451.1	-	Turnstone (<i>Arenaria interpres</i>)
19/08/2020	19:08:38	4584	200145_WC_557	460 878.4	5 905 451.1	-	Turnstone (<i>Arenaria interpres</i>)
19/08/2020	19:08:38	4584	200145_WC_558	460 878.4	5 905 451.1	-	Turnstone (<i>Arenaria interpres</i>)
19/08/2020	19:10:09	4585	Line	460 876.7	5 905 449.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) (Between shingles and sand)
19/08/2020	19:10:18	4586	Line	460 873.3	5 905 448.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:10:30	4587	Line	460 868.5	5 905 448.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:10:42	4588	Line	460 863.2	5 905 443.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:10:54	4589	Line	460 858.2	5 905 440.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:11:08	4590	Line	460 855.1	5 905 438.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:11:27	4591	Line	460 854.4	5 905 436.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:12:48	4592	Line	460 852.1	5 905 437.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:13:00	4593	Line	460 849.3	5 905 434.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:13:10	4594	Line	460 846.2	5 905 432.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:13:18	4595	Line	460 842.2	5 905 430.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:13:25	4596	Line	460 839.4	5 905 427.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:13:37	4597	Line	460 833.9	5 905 425.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:13:52	4598	Line	460 829.9	5 905 426.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:24:07	4599	Line	461 291.2	5 905 636.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:24:07	4599	200145_WC_559	461 291.2	5 905 636.6	N	Down boulder breakwater 2. Barnacles (Sessilia), green ephemerals (<i>Ulva ?intestinalis</i>)
19/08/2020	19:25:09	4600	Line	461 291.9	5 905 640.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>)
19/08/2020	19:25:41	4601	Line	461 290.1	5 905 644.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
19/08/2020	19:25:41	4601	200145_WC_560	461 290.1	5 905 644.2	SE	Across boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:25:41	4601	200145_WC_561	461 290.1	5 905 644.2	NE	Across boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkle (<i>Littorina littorea</i>)
19/08/2020	19:26:18	4602	Line	461 286.8	5 905 651.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:27:12	4603	Line	461 284.8	5 905 654.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:27:32	4604	Line	461 283.5	5 905 656.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:27:58	4605	Line	461 283.2	5 905 658.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:28:26	4606	Line	461 281.2	5 905 664.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:28:36	4607	Line	461 280.9	5 905 665.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:28:44	4608	Line	461 279.6	5 905 666.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), ephemeral greens (<i>Ulva</i> sp.)
19/08/2020	19:28:44	4608	200145_WC_562	461 279.6	5 905 666.5	Down	Boulder breakwater 2. Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
19/08/2020	19:30:47	4609	Line	461 279.1	5 905 669.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:31:09	4610	Line	461 276.9	5 905 670.3	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:31:33	4611	Line	461 275.3	5 905 674.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:31:47	4612	Line	461 274.7	5 905 675.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:31:47	4612	200145_WC_563	461 274.7	5 905 675.2	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:32:18	4613	Line	461 275.2	5 905 677.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:32:27	4614	Line	461 273.5	5 905 679.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:32:42	4615	Line	461 274.3	5 905 679.9	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:32:52	4616	Line	461 272.2	5 905 678.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:32:59	4617	Line	461 271.9	5 905 677.3	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:33:09	4618	Line	461 273.2	5 905 674.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:33:13	4619	Line	461 274.4	5 905 673.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:33:21	4620	Line	461 275.0	5 905 670.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:33:48	4621	Line	461 276.3	5 905 666.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:34:02	4622	Line	461 278.3	5 905 662.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:34:27	4623	Line	461 280.1	5 905 657.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:34:27	4623	200145_WC_564	461 280.1	5 905 657.7	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:34:32	4624	Line	461 280.3	5 905 656.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:34:39	4625	Line	461 280.8	5 905 654.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:34:43	4626	Line	461 281.3	5 905 654.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:34:49	4627	Line	461 281.8	5 905 652.9	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:34:56	4628	Line	461 282.1	5 905 651.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:35:16	4629	Line	461 282.6	5 905 647.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:35:24	4630	Line	461 284.6	5 905 644.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
19/08/2020	19:35:40	4631	Line	461 286.5	5 905 635.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:38:33	4632	200145_WC_565	461 149.1	5 905 552.0	N	From 'sand', down shore over coarse to sea
19/08/2020	19:38:33	4632	200145_WC_566	461 149.1	5 905 552.0	E	Along 'sand' (?coarse)
19/08/2020	19:38:33	4632	200145_WC_567	461 149.1	5 905 552.0	S	Up 'sand' to coarse
19/08/2020	19:38:33	4632	200145_WC_568	461 149.1	5 905 552.0	W	Along 'sand' (?coarse)
19/08/2020	19:41:35	4633	Line	461 165.5	5 905 522.1	N	Shingle
19/08/2020	19:41:35	4633	200145_WC_569	461 165.5	5 905 522.1	N	Down coarse from shingle to breakwater - incoming tide
19/08/2020	19:41:35	4633	200145_WC_570	461 165.5	5 905 522.1	E	Along shingle
19/08/2020	19:41:35	4633	200145_WC_571	461 165.5	5 905 522.1	S	Up shingle
19/08/2020	19:41:35	4633	200145_WC_572	461 165.5	5 905 522.1	W	Along shingle
19/08/2020	19:43:11	4634	Line	461 158.9	5 905 517.9	-	Shingle
19/08/2020	19:43:20	4635	Line	461 151.3	5 905 514.9	-	Shingle
19/08/2020	19:43:30	4636	Line	461 142.5	5 905 511.5	-	Shingle
19/08/2020	19:43:40	4637	Line	461 133.2	5 905 509.2	-	Shingle
19/08/2020	19:43:50	4638	Line	461 125.8	5 905 506.7	-	Shingle
19/08/2020	19:44:00	4639	Line	461 119.0	5 905 504.0	N	Shingle. breakwater
19/08/2020	19:44:00	4639	200145_WC_573	461 119.0	5 905 504.0	N	Down coarse from shingle - incoming tide
19/08/2020	19:44:00	4639	200145_WC_574	461 119.0	5 905 504.0	E	Along shingle
19/08/2020	19:44:00	4639	200145_WC_575	461 119.0	5 905 504.0	S	Up shingle
19/08/2020	19:44:00	4639	200145_WC_576	461 119.0	5 905 504.0	W	Along shingle
19/08/2020	19:44:55	4640	Line	461 111.1	5 905 503.0	-	Shingle
19/08/2020	19:45:29	4641	Line	461 105.5	5 905 500.3	-	Shingle
19/08/2020	19:45:37	4642	Line	461 099.9	5 905 496.5	-	Shingle
19/08/2020	19:45:45	4643	Line	461 093.5	5 905 494.6	-	Shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:45:53	4644	Line	461 086.5	5 905 492.9	-	Shingle
19/08/2020	19:46:01	4645	Line	461 079.2	5 905 490.6	-	Shingle
19/08/2020	19:46:10	4646	Line	461 071.9	5 905 487.8	-	Shingle
19/08/2020	19:46:20	4647	Line	461 061.7	5 905 484.7	-	Shingle
19/08/2020	19:46:31	4648	Line	461 055.4	5 905 481.8	-	Shingle
19/08/2020	19:46:49	4649	Line	461 053.5	5 905 479.1	-	Shingle
19/08/2020	19:46:58	4650	Line	461 046.7	5 905 477.3	-	Shingle/breakwater
19/08/2020	19:46:58	4650	Field Note	461 046.7	5 905 477.3	-	Breakwater
19/08/2020	19:46:58	4650	200145_WC_577	461 046.7	5 905 477.3	N	Down coarse from shingle - incoming tide
19/08/2020	19:46:58	4650	200145_WC_578	461 046.7	5 905 477.3	E	Along shingle
19/08/2020	19:46:58	4650	200145_WC_579	461 046.7	5 905 477.3	S	Up shingle
19/08/2020	19:46:58	4650	200145_WC_580	461 046.7	5 905 477.3	W	Along shingle, some drift seaweed
19/08/2020	19:47:59	4651	Line	461 041.9	5 905 476.5	-	Shingle
19/08/2020	19:48:08	4652	Line	461 036.1	5 905 472.9	-	Shingle
19/08/2020	19:48:17	4653	Line	461 029.5	5 905 470.1	-	Shingle
19/08/2020	19:48:26	4654	Line	461 023.3	5 905 466.9	-	Shingle
19/08/2020	19:48:34	4655	Line	461 016.2	5 905 464.6	-	Shingle
19/08/2020	19:48:43	4656	Line	461 008.0	5 905 461.0	-	Shingle
19/08/2020	19:48:50	4657	Line	461 000.8	5 905 458.9	-	Shingle
19/08/2020	19:48:59	4658	Line	460 993.4	5 905 456.4	-	Shingle
19/08/2020	19:49:07	4659	Line	460 986.3	5 905 452.9	-	Shingle
19/08/2020	19:49:21	4660	Line	460 981.2	5 905 451.3	-	Shingle
19/08/2020	19:49:21	4660	200145_WC_581	460 981.2	5 905 451.3	N	Down coarse from shingle - incoming tide

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
19/08/2020	19:49:21	4660	200145_WC_582	460 981.2	5 905 451.3	E	Along shingle, some drift seaweed
19/08/2020	19:49:21	4660	200145_WC_583	460 981.2	5 905 451.3	S	Up shingle
19/08/2020	19:49:21	4660	200145_WC_584	460 981.2	5 905 451.3	W	Along shingle, some drift seaweed
19/08/2020	19:50:20	4661	Line	460 974.0	5 905 446.4	-	Shingle
19/08/2020	19:50:27	4662	Line	460 966.9	5 905 444.8	-	Shingle
19/08/2020	19:50:36	4663	Line	460 960.1	5 905 442.4	-	Shingle
19/08/2020	19:50:43	4664	Line	460 953.6	5 905 440.1	-	Shingle
19/08/2020	19:50:53	4665	Line	460 945.7	5 905 436.5	-	Shingle
19/08/2020	19:51:03	4666	Line	460 936.8	5 905 432.8	-	Shingle
19/08/2020	19:51:12	4667	Line	460 927.8	5 905 429.4	-	Shingle
19/08/2020	19:51:21	4668	Line	460 921.4	5 905 427.7	-	Shingle
19/08/2020	19:51:30	4669	Line	460 913.9	5 905 424.5	-	Shingle
19/08/2020	19:51:43	4670	Line	460 906.7	5 905 425.0	-	Shingle
19/08/2020	19:51:43	4670	Target Note	460 906.7	5 905 425.0	-	Anthropogenic: Outflow pipeline/Shingle
19/08/2020	19:51:43	4670	200145_WC_585	460 906.7	5 905 425.0	N	Down coarse from shingle to metal outflow pipe - incoming tide
19/08/2020	19:51:43	4670	200145_WC_586	460 906.7	5 905 425.0	E	Along shingle
19/08/2020	19:51:43	4670	200145_WC_587	460 906.7	5 905 425.0	S	Up shingle
19/08/2020	19:51:43	4670	200145_WC_588	460 906.7	5 905 425.0	W	Along shingle
20/08/2020	04:57:44	4671	Field Note	461 280.7	5 905 423.3	-	Nav
20/08/2020	05:11:07	4672	Field Note	461 279.7	5 905 421.3	-	Corner
20/08/2020	05:18:10	4673	Line	461 271.9	5 905 681.9	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:18:10	4673	200145_WC_589	461 271.9	5 905 681.9	S	Up boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>), limpets (<i>Patella</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:18:10	4673	200145_WC_590	461 271.9	5 905 681.9	N	Down over sand to remainder of boulder breakwater 2. Barnacles (Sessilia)
20/08/2020	05:20:25	4674	Line	461 269.9	5 905 691.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:20:31	4675	Line	461 271.1	5 905 692.3	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:20:38	4676	Line	461 270.9	5 905 694.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:20:45	4677	Line	461 269.2	5 905 696.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:20:50	4678	Line	461 267.6	5 905 698.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:21:01	4679	Line	461 265.6	5 905 700.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:21:01	4679	200145_WC_591	461 265.6	5 905 700.8	S	Up boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:21:01	4679	200145_WC_592	461 265.6	5 905 700.8	N	Down over sand (from bottom of breakwater 2) to sea
20/08/2020	05:25:05	4680	Line	461 268.4	5 905 697.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:25:05	4680	200145_WC_593	461 268.4	5 905 697.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:25:05	4680	200145_WC_594	461 268.4	5 905 697.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:25:05	4680	200145_WC_595	461 268.4	5 905 697.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:25:58	4681	Line	461 268.2	5 905 692.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:25:58	4681	200145_WC_596	461 268.2	5 905 692.8	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:25:58	4681	200145_WC_597	461 268.2	5 905 692.8	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:27:28	4682	Line	461 272.7	5 905 680.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:27:28	4682	200145_WC_598	461 272.7	5 905 680.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), green ephemerals (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:27:28	4682	200145_WC_599	461 272.7	5 905 680.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Actiniaria</i>)
20/08/2020	05:29:50	4683	Line	461 275.9	5 905 675.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:30:03	4684	Line	461 277.2	5 905 667.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:30:03	4684	200145_WC_600	461 277.2	5 905 667.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:30:47	4685	Line	461 275.6	5 905 664.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:31:03	4686	Line	461 277.7	5 905 662.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:31:03	4686	200145_WC_601	461 277.7	5 905 662.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), whelks (<i>Nucella lapillus</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:31:03	4686	200145_WC_602	461 277.7	5 905 662.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:32:50	4687	Line	461 280.8	5 905 656.3	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:32:50	4687	200145_WC_603	461 280.8	5 905 656.3	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), anemone (<i>Actiniaria</i>)
20/08/2020	05:32:50	4687	200145_WC_604	461 280.8	5 905 656.3	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:33:38	4688	Line	461 283.0	5 905 653.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:33:51	4689	Line	461 283.2	5 905 647.9	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:33:51	4689	200145_WC_605	461 283.2	5 905 647.9	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), green ephemerals (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:33:51	4689	200145_WC_606	461 283.2	5 905 647.9	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), green ephemerals (<i>Ulva ?intestinalis</i>). Lion's Mane jellyfish (<i>Cyanea capitata</i>)
20/08/2020	05:34:01	4690	Line	461 285.0	5 905 645.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:35:08	4691	Line	461 284.4	5 905 642.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:35:16	4692	Line	461 285.4	5 905 638.3	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:35:22	4693	Line	461 286.7	5 905 635.5	-	End of Boulder breakwater 2 edge
20/08/2020	05:37:53	4694	Line	461 400.7	5 905 765.2	-	Boulder breakwater ?3. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:37:53	4694	200145_WC_607	461 400.7	5 905 765.2	S	Up boulder breakwater ?3. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:37:53	4694	200145_WC_608	461 400.7	5 905 765.2	N	Down over coarse sand to sea, from breakwater ?3
20/08/2020	05:37:53	4694	200145_WC_609	461 400.7	5 905 765.2	Down	Mixed (?muddy sand, pebbles, boulders - edge breakwater ?2). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), worm cast (<i>Arenicola</i> sp.)
20/08/2020	05:39:57	4695	Line	461 399.1	5 905 763.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)/?Mixed (?muddy sand, pebbles, cobbles, boulders)
20/08/2020	05:39:57	4695	200145_WC_610	461 399.1	5 905 763.7	Down	Mixed (?muddy sand, pebbles, boulders - edge breakwater ?2). Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva ?intestinalis</i>) and red (? <i>Porphyra</i> sp.) ephemerals, Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	05:39:57	4695	200145_WC_611	461 399.1	5 905 763.7	Down	Mixed (?muddy sand, pebbles, boulders - edge breakwater ?2). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), Sand mason worm (<i>Lanice conchilega</i>)
20/08/2020	05:40:54	4696	Line	461 399.4	5 905 759.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)/?Mixed (?muddy sand, pebbles, cobbles, boulders)
20/08/2020	05:40:54	4696	200145_WC_612	461 399.4	5 905 759.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:41:04	4697	Line	461 401.7	5 905 756.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:41:19	4698	Line	461 402.7	5 905 754.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:41:19	4698	200145_WC_613	461 402.7	5 905 754.7	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:42:47	4699	Line	461 405.8	5 905 756.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:42:55	4700	Line	461 405.7	5 905 749.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:42:55	4700	200145_WC_614	461 405.7	5 905 749.7	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:43:04	4701	Line	461 406.9	5 905 745.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva</i> sp.)/?Mixed (?muddy sand, pebbles, cobbles, boulders)
20/08/2020	05:43:04	4701	200145_WC_615	461 406.9	5 905 745.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:43:04	4701	200145_WC_616	461 406.9	5 905 745.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:43:59	4702	Line	461 407.8	5 905 743.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:44:14	4703	Line	461 407.8	5 905 741.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:44:14	4703	200145_WC_617	461 407.8	5 905 741.8	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:44:14	4703	200145_WC_618	461 407.8	5 905 741.8	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:44:58	4704	Line	461 409.1	5 905 737.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:45:06	4705	Line	461 410.4	5 905 732.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:45:17	4706	Line	461 411.8	5 905 728.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:45:17	4706	200145_WC_619	461 411.8	5 905 728.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:45:17	4706	200145_WC_620	461 411.8	5 905 728.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), green (<i>Ulva ?intestinalis</i>) and red (<i>?Porphyra</i> sp.) ephemerals, winkles (<i>Littorina littorea</i>)
20/08/2020	05:45:59	4707	Line	461 411.8	5 905 723.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:46:06	4708	Line	461 413.3	5 905 721.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:46:13	4709	Line	461 414.0	5 905 717.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:46:19	4710	Line	461 412.9	5 905 715.9	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:46:27	4711	Line	461 415.3	5 905 715.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:46:27	4711	200145_WC_621	461 415.3	5 905 715.1	Down	Mixed (muddy sand, pebbles, boulders - edge breakwater ?2). Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	05:46:27	4711	200145_WC_622	461 415.3	5 905 715.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:47:14	4712	Line	461 418.2	5 905 712.3	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:47:21	4713	Line	461 419.1	5 905 708.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:47:32	4714	Line	461 421.6	5 905 703.3	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:47:40	4715	Line	461 422.4	5 905 700.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:47:46	4716	Line	461 423.8	5 905 696.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:47:54	4717	Line	461 425.4	5 905 693.9	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:47:54	4717	200145_WC_623	461 425.4	5 905 693.9	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:47:54	4717	200145_WC_624	461 425.4	5 905 693.9	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:48:39	4718	Line	461 425.9	5 905 689.9	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:48:47	4719	Line	461 429.0	5 905 687.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:48:47	4719	200145_WC_625	461 429.0	5 905 687.8	N	Down boulder breakwater 2, to sea. Barnacles (Sessilia)
20/08/2020	05:49:30	4720	Line	461 431.2	5 905 694.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:49:35	4721	Line	461 428.7	5 905 697.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:49:40	4722	Line	461 427.0	5 905 699.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:49:46	4723	Line	461 425.4	5 905 703.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:49:52	4724	Line	461 424.9	5 905 705.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:49:59	4725	Line	461 424.2	5 905 709.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:50:10	4726	Line	461 423.0	5 905 712.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:50:10	4726	200145_WC_626	461 423.0	5 905 712.2	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:50:10	4726	200145_WC_627	461 423.0	5 905 712.2	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:50:10	4726	200145_WC_628	461 423.0	5 905 712.2	Down	Mixed (muddy sand, pebbles, boulders - edge breakwater ?). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:51:04	4727	Line	461 421.5	5 905 715.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:51:04	4727	200145_WC_629	461 421.5	5 905 715.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:51:04	4727	200145_WC_630	461 421.5	5 905 715.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:51:57	4728	200145_WC_631	461 419.7	5 905 716.7	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:51:57	4728	Line	461 419.7	5 905 716.7	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:51:57	4728	200145_WC_632	461 419.7	5 905 716.7	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:52:54	4729	Line	461 422.7	5 905 719.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:53:04	4730	Line	461 423.1	5 905 722.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:53:15	4731	Line	461 419.8	5 905 725.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:53:50	4732	Line	461 417.8	5 905 725.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	05:53:50	4732	200145_WC_633	461 417.8	5 905 725.0	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:54:19	4733	Line	461 415.9	5 905 728.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:54:24	4734	Line	461 415.2	5 905 729.2	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:54:24	4734	200145_WC_634	461 415.2	5 905 729.2	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:54:24	4734	200145_WC_635	461 415.2	5 905 729.2	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:55:10	4735	Line	461 415.6	5 905 733.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:55:19	4736	Line	461 412.6	5 905 736.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:55:28	4737	Line	461 411.7	5 905 739.3	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:55:37	4738	Line	461 410.5	5 905 741.4	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	05:55:37	4738	200145_WC_636	461 410.5	5 905 741.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:55:37	4738	200145_WC_637	461 410.5	5 905 741.4	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:56:34	4739	Line	461 409.3	5 905 745.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:56:41	4740	Line	461 407.9	5 905 748.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:56:50	4741	Line	461 405.6	5 905 751.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:57:03	4742	Line	461 405.2	5 905 755.5	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:57:11	4743	Line	461 403.7	5 905 758.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:57:20	4744	Line	461 405.5	5 905 763.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:57:20	4744	200145_WC_638	461 405.5	5 905 763.1	W	Across boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina</i> sp.), limpets (<i>Patella</i> sp.)
20/08/2020	05:58:43	4745	Line	461 404.1	5 905 751.6	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	05:58:43	4745	200145_WC_639	461 404.1	5 905 751.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	05:58:43	4745	200145_WC_640	461 404.1	5 905 751.6	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	06:00:03	4746	Line	461 410.0	5 905 740.8	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:00:03	4746	200145_WC_641	461 410.0	5 905 740.8	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), mussels (<i>Mytilus</i> sp.)
20/08/2020	06:00:03	4746	200145_WC_642	461 410.0	5 905 740.8	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), mussels (<i>Mytilus</i> sp.)
20/08/2020	06:01:03	4747	Line	461 412.6	5 905 730.1	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	06:01:03	4747	200145_WC_643	461 412.6	5 905 730.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), whelk (<i>Nucella lapillus</i>), green ephemeral (<i>Ulva ?intestinalis</i>)
20/08/2020	06:01:03	4747	200145_WC_644	461 412.6	5 905 730.1	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>)
20/08/2020	06:02:28	4748	Line	461 418.9	5 905 715.0	-	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva</i> sp.)
20/08/2020	06:02:28	4748	200145_WC_645	461 418.9	5 905 715.0	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>)
20/08/2020	06:02:28	4748	200145_WC_646	461 418.9	5 905 715.0	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>)
20/08/2020	06:02:28	4748	200145_WC_647	461 418.9	5 905 715.0	Down	Boulder breakwater 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), honeycomb reef worm (<i>Sabellaria alveolata</i>), whelk (<i>Nucella lapillus</i>)
20/08/2020	06:08:20	4749	200145_WC_648	461 284.6	5 905 886.8	N	Down over sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	06:08:20	4749	200145_WC_649	461 284.6	5 905 886.8	S	Up over sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	06:08:20	4749	200145_WC_650	461 284.6	5 905 886.8	E	Along sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	06:09:37	4750	200145_WC_651	461 314.7	5 905 898.9	N	Down over sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	06:09:37	4750	200145_WC_652	461 314.7	5 905 898.9	E	Along sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	06:09:37	4750	200145_WC_653	461 314.7	5 905 898.9	N	Down over sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	06:09:37	4750	200145_WC_654	461 314.7	5 905 898.9	W	Along sand. Worm cast (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:11:12	4751	Line	461 387.7	5 905 917.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:11:12	4751	200145_WC_655	461 387.7	5 905 917.5	NE	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:12:09	4752	Line	461 390.4	5 905 917.8	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:12:09	4752	200145_WC_656	461 390.4	5 905 917.8	Down	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:12:16	4753	Line	461 394.0	5 905 917.9	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:12:23	4754	Line	461 398.1	5 905 917.8	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:12:34	4755	Line	461 402.8	5 905 917.1	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:12:34	4755	200145_WC_657	461 402.8	5 905 917.1	N	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:12:34	4755	200145_WC_658	461 402.8	5 905 917.1	Down	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus</i> sp.)
20/08/2020	06:14:15	4756	Line	461 404.2	5 905 917.6	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:14:21	4757	Line	461 406.2	5 905 918.8	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:14:26	4758	Line	461 406.4	5 905 920.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:14:32	4759	Line	461 406.8	5 905 922.4	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:14:38	4760	Line	461 406.9	5 905 925.3	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:14:43	4761	Line	461 403.9	5 905 926.1	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:14:49	4762	Line	461 400.4	5 905 924.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:14:54	4763	Line	461 396.6	5 905 924.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:15:02	4764	Line	461 390.6	5 905 922.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:15:10	4765	Line	461 388.2	5 905 919.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:15:16	4766	Line	461 385.3	5 905 917.2	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:38:58	4767	Line	461 364.2	5 905 849.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:38:58	4767	200145_WC_659	461 364.2	5 905 849.0	N	Down over mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:38:58	4767	200145_WC_660	461 364.2	5 905 849.0	N	Muddy sand in submerged pool - incoming tide

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:38:58	4767	200145_WC_661	461 364.2	5 905 849.0	E	Along mixed (muddy sand/cobbles) - incoming tide
20/08/2020	06:38:58	4767	200145_WC_662	461 364.2	5 905 849.0	W	Along mixed (muddy sand/cobbles) - incoming tide
20/08/2020	06:39:44	4768	Line	461 353.8	5 905 840.1	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:41:20	4769	Line	461 346.1	5 905 834.9	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:41:37	4770	Line	461 337.8	5 905 836.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:41:37	4770	200145_WC_663	461 337.8	5 905 836.7	Down	Mixed (muddy sand/pebbles/cobbles) - submerged. Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:41:37	4770	200145_WC_664	461 337.8	5 905 836.7	SW	Up over mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:41:37	4770	200145_WC_665	461 337.8	5 905 836.7	E	Along mixed (muddy sand/cobbles)
20/08/2020	06:41:37	4770	200145_WC_666	461 337.8	5 905 836.7	N	Down over sand (submerged) - incoming tide
20/08/2020	06:42:40	4771	Line	461 332.2	5 905 830.6	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:42:49	4772	Line	461 330.8	5 905 824.6	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:43:02	4773	Line	461 329.8	5 905 832.4	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:43:16	4774	Line	461 329.0	5 905 823.2	-	Consolidated mud exposures (?clay). Piddocks (<i>Bivalvia</i>)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:43:16	4774	200145_WC_667	461 329.0	5 905 823.2	SW	Along mixed (muddy sand/cobbles)
20/08/2020	06:43:16	4774	200145_WC_668	461 329.0	5 905 823.2	Down	Consolidated mud exposures (?clay). Piddocks (<i>Bivalvia</i>)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	06:43:16	4774	200145_WC_669	461 329.0	5 905 823.2	Down	Consolidated mud exposures (?clay) . Piddocks (<i>Bivalvia</i>)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	06:43:16	4774	200145_WC_670	461 329.0	5 905 823.2	Down	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus</i> sp.)
20/08/2020	06:44:49	4775	Line	461 323.1	5 905 828.1	-	Consolidated mud exposures (?clay). Piddocks (<i>Bivalvia</i>)
20/08/2020	06:44:55	4776	Line	461 320.5	5 905 824.7	-	Consolidated mud exposures (?clay). Piddocks (<i>Bivalvia</i>)
20/08/2020	06:45:02	4777	Line	461 319.0	5 905 822.2	-	Consolidated mud exposures (?clay). Piddocks (<i>Bivalvia</i>)
20/08/2020	06:45:14	4778	Line	461 312.8	5 905 823.9	-	Consolidated mud exposures (?clay). Piddocks (<i>Bivalvia</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:45:14	4778	200145_WC_671	461 312.8	5 905 823.9	Down	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	06:45:14	4778	200145_WC_672	461 312.8	5 905 823.9	S	Up over consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	06:45:14	4778	200145_WC_673	461 312.8	5 905 823.9	S	Up over Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	06:45:14	4778	200145_WC_674	461 312.8	5 905 823.9	Down	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:45:47	4779	Line	461 311.0	5 905 820.2	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:45:54	4780	Line	461 309.8	5 905 819.5	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:46:01	4781	Line	461 308.9	5 905 817.7	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:46:01	4781	200145_WC_675	461 308.9	5 905 817.7	S	Up over consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	06:46:01	4781	200145_WC_676	461 308.9	5 905 817.7	NW	Along consolidated mud exposures (?clay). Piddocks (Bivalvia) - incoming tide
20/08/2020	06:46:01	4781	200145_WC_677	461 308.9	5 905 817.7	E	Along consolidated mud exposures (?clay). Piddocks (Bivalvia) - incoming tide
20/08/2020	06:46:01	4781	200145_WC_678	461 308.9	5 905 817.7	N	Down sand (submerged) to sea - incoming tide
20/08/2020	06:46:51	4782	Line	461 303.3	5 905 816.7	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:47:01	4783	Line	461 299.2	5 905 817.8	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:47:10	4784	Line	461 299.3	5 905 813.7	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:47:19	4785	Line	461 292.6	5 905 812.6	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:47:26	4786	Line	461 292.9	5 905 809.1	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:47:26	4786	200145_WC_679	461 292.9	5 905 809.1	Down	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>) - submerged - tide coming in
20/08/2020	06:47:26	4786	200145_WC_680	461 292.9	5 905 809.1	Down	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>) - submerged - tide coming in
20/08/2020	06:47:26	4786	200145_WC_681	461 292.9	5 905 809.1	W	Along consolidated mud exposures (?clay). Piddocks (Bivalvia) - incoming tide
20/08/2020	06:47:26	4786	200145_WC_682	461 292.9	5 905 809.1	Down	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	06:48:05	4787	Line	461 288.7	5 905 809.6	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:48:16	4788	Line	461 283.3	5 905 808.6	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:48:25	4789	Line	461 279.9	5 905 806.2	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:48:35	4790	Line	461 279.4	5 905 803.9	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:49:11	4791	Line	461 275.3	5 905 805.6	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:49:21	4792	Line	461 269.5	5 905 803.7	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:49:29	4793	Line	461 266.1	5 905 801.9	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:49:37	4794	Line	461 263.1	5 905 801.8	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:49:49	4795	Line	461 258.2	5 905 797.7	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:49:55	4796	Line	461 259.8	5 905 796.4	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:50:03	4797	Line	461 263.6	5 905 795.0	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:50:12	4798	Line	461 263.5	5 905 792.5	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:50:19	4799	Line	461 263.7	5 905 790.7	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:50:39	4800	Line	461 260.3	5 905 788.2	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:50:53	4801	Line	461 257.9	5 905 787.1	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:51:09	4802	Line	461 253.5	5 905 788.6	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:51:15	4803	Line	461 250.0	5 905 790.6	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:51:27	4804	Line	461 242.9	5 905 792.3	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:51:35	4805	Line	461 240.2	5 905 788.3	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:51:42	4806	Line	461 234.5	5 905 786.6	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:51:52	4807	Line	461 232.1	5 905 782.7	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:51:52	4807	200145_WC_683	461 232.1	5 905 782.7	W	Along consolidated mud exposures (?clay). Piddocks (Bivalvia) - incoming tide
20/08/2020	06:51:52	4807	200145_WC_684	461 232.1	5 905 782.7	W	Along consolidated mud exposures (?clay). Piddocks (Bivalvia) - incoming tide
20/08/2020	06:51:52	4807	200145_WC_685	461 232.1	5 905 782.7	S	Up along consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:51:52	4807	200145_WC_686	461 232.1	5 905 782.7	E	Along muddy sand
20/08/2020	06:52:41	4808	Line	461 235.3	5 905 782.8	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:52:47	4809	Line	461 235.6	5 905 779.8	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:52:52	4810	Line	461 238.7	5 905 778.0	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:52:57	4811	Line	461 242.6	5 905 780.0	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:53:04	4812	Line	461 248.4	5 905 780.1	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:53:16	4813	Line	461 256.3	5 905 780.3	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:53:27	4814	Line	461 264.0	5 905 778.1	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:53:32	4815	200145_WC_687	461 267.2	5 905 779.1	N	Down over submerged muddy sand to sea
20/08/2020	06:53:32	4815	200145_WC_688	461 267.2	5 905 779.1	N	Down over submerged mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:53:32	4815	200145_WC_689	461 267.2	5 905 779.1	E	Along consolidated mud exposures (?clay). Piddocks (Bivalvia) - incoming tide
20/08/2020	06:53:32	4815	200145_WC_690	461 267.2	5 905 779.1	S	Up over coarse sand
20/08/2020	06:53:32	4815	200145_WC_691	461 267.2	5 905 779.1	W	Along sand
20/08/2020	06:55:09	4816	Line	461 268.1	5 905 781.2	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:55:15	4817	Line	461 271.2	5 905 785.5	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:55:25	4818	Line	461 276.6	5 905 785.7	N	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:55:25	4818	200145_WC_692	461 276.6	5 905 785.7	N	Down over consolidated mud exposures (?clay). Piddocks (Bivalvia) - incoming tide
20/08/2020	06:55:25	4818	200145_WC_693	461 276.6	5 905 785.7	E	Along consolidated mud exposures (?clay). Piddocks (Bivalvia) - incoming tide
20/08/2020	06:55:25	4818	200145_WC_694	461 276.6	5 905 785.7	S	Up over coarse sand
20/08/2020	06:55:25	4818	200145_WC_695	461 276.6	5 905 785.7	W	Along over mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia) - incoming tide
20/08/2020	06:56:29	4819	Line	461 282.0	5 905 788.7	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)/Mixed (muddy sand/pebbles/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:56:38	4820	Line	461 287.8	5 905 788.2	-	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:56:38	4820	200145_WC_696	461 287.8	5 905 788.2	Down	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:56:38	4820	200145_WC_697	461 287.8	5 905 788.2	Down	Consolidated mud exposures (?clay). Piddocks (Bivalvia)
20/08/2020	06:58:02	4821	Line	461 291.2	5 905 789.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:58:09	4822	Line	461 295.0	5 905 790.1	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:58:16	4823	Line	461 295.9	5 905 793.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:58:25	4824	Line	461 302.1	5 905 792.6	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:58:34	4825	Line	461 307.4	5 905 794.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:58:40	4826	Line	461 307.1	5 905 800.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	06:58:46	4827	Line	461 311.3	5 905 798.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	06:58:52	4828	Line	461 315.2	5 905 799.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:04:30	4829	Line	461 316.5	5 905 798.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:04:42	4830	Line	461 310.9	5 905 796.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:05:20	4831	Line	461 317.1	5 905 799.2	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:05:27	4832	Line	461 323.9	5 905 802.9	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:05:34	4833	Line	461 327.6	5 905 805.2	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:05:41	4834	Line	461 332.4	5 905 807.3	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:05:47	4835	Line	461 338.3	5 905 809.1	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:05:52	4836	Line	461 344.4	5 905 811.6	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:05:58	4837	Line	461 351.2	5 905 816.3	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:06:04	4838	Line	461 358.4	5 905 817.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:06:10	4839	Line	461 363.5	5 905 820.3	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:06:18	4840	Line	461 370.0	5 905 825.3	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:06:32	4841	Line	461 382.4	5 905 830.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:06:37	4842	Line	461 387.4	5 905 830.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:06:45	4843	Line	461 395.3	5 905 834.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:06:52	4844	Line	461 400.3	5 905 838.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:06:57	4845	Line	461 402.0	5 905 840.4	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:07:32	4846	Line	461 438.7	5 905 854.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:07:37	4847	Line	461 440.8	5 905 856.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:07:43	4848	Line	461 446.0	5 905 858.4	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:07:50	4849	Line	461 451.1	5 905 862.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:09:04	4850	Field Note	461 540.2	5 905 896.5	-	Sand. Worm cast (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:09:04	4850	200145_WC_698	461 540.2	5 905 896.5	S	Up over sand
20/08/2020	07:09:04	4850	200145_WC_699	461 540.2	5 905 896.5	N	Down to sea - incoming tide
20/08/2020	07:09:04	4850	200145_WC_700	461 540.2	5 905 896.5	W	Along sand - incoming tide
20/08/2020	07:09:04	4850	200145_WC_701	461 540.2	5 905 896.5	W	Along sand - incoming tide
20/08/2020	07:10:34	4851	Field Note	461 617.8	5 905 934.3	-	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	07:10:34	4851	200145_WC_702	461 617.8	5 905 934.3	N	Down to sea - incoming tide
20/08/2020	07:10:34	4851	200145_WC_703	461 617.8	5 905 934.3	S	Up over sand
20/08/2020	07:10:34	4851	200145_WC_704	461 617.8	5 905 934.3	S	Up over sand
20/08/2020	07:10:34	4851	200145_WC_705	461 617.8	5 905 934.3	W	Along sand - incoming tide
20/08/2020	07:11:42	4852	Field Note	461 662.2	5 905 947.0	-	Sand. Worm cast (<i>Arenicola</i> sp.)
20/08/2020	07:11:42	4852	200145_WC_706	461 662.2	5 905 947.0	S	Up over coarse sand (channel)
20/08/2020	07:11:42	4852	200145_WC_707	461 662.2	5 905 947.0	E	Along sand - incoming tide
20/08/2020	07:11:42	4852	200145_WC_708	461 662.2	5 905 947.0	N	Down to sea - incoming tide
20/08/2020	07:11:42	4852	200145_WC_709	461 662.2	5 905 947.0	W	Along sand - incoming tide
20/08/2020	07:13:35	4853	Field Note	461 789.3	5 906 013.3	-	Few metres to the bottom of metal outflow pipe 1 - Incoming tide
20/08/2020	07:13:35	4853	200145_WC_710	461 789.3	5 906 013.3	N	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>). Few metres from end - tide coming in
20/08/2020	07:14:23	4854	Field Note	461 789.9	5 906 009.3	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:14:23	4854	200145_WC_711	461 789.9	5 906 009.3	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:14:23	4854	200145_WC_712	461 789.9	5 906 009.3	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:14:30	4855	Field Note	461 789.0	5 906 005.7	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:14:37	4856	Field Note	461 790.0	5 906 003.0	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:14:37	4856	200145_WC_713	461 790.0	5 906 003.0	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:15:28	4857	Field Note	461 789.9	5 905 999.8	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:15:33	4858	Field Note	461 790.3	5 905 996.1	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:15:40	4859	Field Note	461 791.0	5 905 991.8	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:15:40	4859	200145_WC_714	461 791.0	5 905 991.8	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:16:10	4860	Field Note	461 790.1	5 905 988.5	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:16:16	4861	Field Note	461 790.3	5 905 983.6	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:16:24	4862	Field Note	461 790.1	5 905 980.0	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:16:30	4863	Field Note	461 789.8	5 905 976.5	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:16:37	4864	Field Note	461 790.1	5 905 972.6	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:16:43	4865	Field Note	461 790.4	5 905 969.6	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:16:50	4866	Target Note	461 790.8	5 905 965.5	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) (less % cover, more dry conditions from here up)
20/08/2020	07:16:50	4866	200145_WC_715	461 790.8	5 905 965.5	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>). Reduced cover from here

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:16:50	4866	200145_WC_716	461 790.8	5 905 965.5	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (? <i>Porphyra</i> sp.)
20/08/2020	07:17:28	4867	Field Note	461 789.9	5 905 963.0	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:17:35	4868	Field Note	461 789.4	5 905 957.5	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:17:43	4869	Field Note	461 790.2	5 905 951.1	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:18:40	4870	Field Note	461 788.9	5 905 949.8	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:18:40	4870	200145_WC_717	461 788.9	5 905 949.8	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:19:13	4871	Field Note	461 789.1	5 905 947.1	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:19:20	4872	Field Note	461 789.8	5 905 942.9	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:19:27	4873	Field Note	461 789.7	5 905 938.0	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:19:33	4874	Field Note	461 790.5	5 905 933.3	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:19:33	4874	200145_WC_718	461 790.5	5 905 933.3	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:20:30	4875	Field Note	461 791.7	5 905 929.5	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:20:39	4876	Field Note	461 791.4	5 905 922.5	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) (partially covered in sand)
20/08/2020	07:20:39	4876	200145_WC_719	461 791.4	5 905 922.5	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) - partially covered in sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:21:16	4877	Field Note	461 790.7	5 905 916.8	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) (partially covered in sand)
20/08/2020	07:21:24	4878	Field Note	461 790.5	5 905 908.5	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) (partially covered in sand)
20/08/2020	07:21:32	4879	Field Note	461 791.0	5 905 904.7	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) (partially covered in sand)
20/08/2020	07:21:32	4879	200145_WC_720	461 791.0	5 905 904.7	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) - partially covered in sand
20/08/2020	07:21:32	4879	200145_WC_721	461 791.0	5 905 904.7	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) and reds (<i>?Porphyra</i> sp.) - partially covered in sand
20/08/2020	07:22:30	4880	Field Note	461 791.6	5 905 903.9	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) (partially covered in sand)
20/08/2020	07:22:48	4881	Target Note	461 790.8	5 905 884.4	-	Metal outflow pipe 1 covered in sand (interruption)
20/08/2020	07:22:48	4881	200145_WC_722	461 790.8	5 905 884.4	N	Down interruption in metal outflow pipe 1 (covered in sand) to sea
20/08/2020	07:23:45	4882	Field Note	461 791.8	5 905 879.2	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:23:45	4882	200145_WC_723	461 791.8	5 905 879.2	S	Up metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) - partially covered in sand
20/08/2020	07:23:53	4883	Field Note	461 791.9	5 905 873.1	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:24:40	4884	Field Note	461 792.0	5 905 864.4	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:24:51	4885	Field Note	461 792.1	5 905 857.5	-	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:25:05	4886	200145_WC_724	461 792.2	5 905 854.4	Down	Metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) - partially covered in sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:25:05	4886	200145_WC_725	461 792.2	5 905 854.4	Down	Metal outflow pipe 1. Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) - partially covered in sand
20/08/2020	07:25:05	4886	200145_WC_726	461 792.2	5 905 854.4	N	Down metal outflow pipe 1. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:25:05	4886	200145_WC_727	461 792.2	5 905 854.4	S	Up over coarse (sand, pebbles)
20/08/2020	07:26:21	4887	Field Note	461 841.0	5 905 871.5	-	Top of Metal outflow pipe 2
20/08/2020	07:26:21	4887	200145_WC_728	461 841.0	5 905 871.5	N	Down metal outflow pipe. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>)
20/08/2020	07:26:21	4887	200145_WC_729	461 841.0	5 905 871.5	S	Up over coarse (sand, pebbles)
20/08/2020	07:26:21	4887	200145_WC_730	461 841.0	5 905 871.5	Down	Block at top of outflow pipe.
20/08/2020	07:28:06	4888	Field Note	461 837.0	5 905 878.5	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:28:14	4889	Field Note	461 838.2	5 905 880.9	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina</i> sp.)
20/08/2020	07:28:14	4889	200145_WC_731	461 838.2	5 905 880.9	Down	Block at top of outflow pipe. Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	07:28:54	4890	Field Note	461 838.3	5 905 886.4	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:28:54	4890	200145_WC_732	461 838.3	5 905 886.4	Down	Boulder (top outflow pipe 2). Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:29:27	4891	Field Note	461 837.9	5 905 891.1	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:29:55	4892	Field Note	461 839.0	5 905 894.3	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:30:04	4893	200145_WC_733	461 838.1	5 905 896.2	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>).
20/08/2020	07:30:32	4894	Field Note	461 838.9	5 905 902.4	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:30:43	4895	Field Note	461 838.6	5 905 903.6	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:30:43	4895	200145_WC_734	461 838.6	5 905 903.6	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), wrinkle (<i>Littorina littorea</i>)
20/08/2020	07:31:19	4896	200145_WC_735	461 837.9	5 905 910.4	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), wrinkle (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:31:48	4897	Field Note	461 839.0	5 905 915.1	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:31:54	4898	Field Note	461 838.5	5 905 918.7	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:32:00	4899	200145_WC_736	461 838.7	5 905 922.7	Down	Metal outflow pipe 2. Mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:32:37	4900	Field Note	461 839.1	5 905 926.3	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:32:42	4901	Field Note	461 839.0	5 905 929.4	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:32:47	4902	Field Note	461 838.6	5 905 932.4	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:32:53	4903	200145_WC_737	461 838.6	5 905 936.1	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:33:22	4904	Field Note	461 838.5	5 905 939.8	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:33:31	4905	Field Note	461 838.5	5 905 942.8	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:33:37	4906	200145_WC_738	461 837.6	5 905 946.6	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:33:43	4907	Field Note	461 837.4	5 905 950.0	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:34:07	4908	Field Note	461 837.5	5 905 954.4	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:34:12	4909	Field Note	461 837.1	5 905 957.5	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:34:18	4910	Field Note	461 837.5	5 905 961.7	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:34:24	4911	Field Note	461 837.5	5 905 965.1	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:34:30	4912	Field Note	461 837.8	5 905 968.4	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:34:37	4913	200145_WC_739	461 837.7	5 905 972.6	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:34:37	4913	200145_WC_740	461 837.7	5 905 972.6	Down	Metal outflow pipe 2. Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:35:22	4914	Field Note	461 837.1	5 905 975.6	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:35:29	4915	Field Note	461 837.1	5 905 979.0	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:35:36	4916	200145_WC_741	461 837.6	5 905 982.1	Down	Metal outflow pipe 2. Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:36:04	4917	Field Note	461 838.0	5 905 986.2	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:36:11	4918	Field Note	461 838.4	5 905 989.7	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:36:17	4919	Field Note	461 838.3	5 905 993.6	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:36:23	4920	Field Note	461 838.2	5 905 997.1	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:36:28	4921	Field Note	461 837.9	5 905 999.4	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:36:35	4922	Field Note	461 838.0	5 906 002.3	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:36:41	4923	200145_WC_742	461 837.4	5 906 005.7	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:37:15	4924	Field Note	461 836.7	5 906 007.1	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:37:19	4925	Field Note	461 837.3	5 906 009.7	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:37:26	4926	Field Note	461 836.7	5 906 014.2	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:37:31	4927	Field Note	461 837.1	5 906 016.3	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:37:36	4928	Field Note	461 837.1	5 906 018.1	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:37:43	4929	200145_WC_743	461 837.4	5 906 020.9	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:38:10	4930	Field Note	461 837.1	5 906 022.8	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:38:16	4931	Field Note	461 836.8	5 906 027.1	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:38:22	4932	Field Note	461 836.7	5 906 029.1	-	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	07:38:30	4933	200145_WC_744	461 836.5	5 906 031.7	N	Down metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>). Few metres from end
20/08/2020	07:38:30	4933	200145_WC_745	461 836.5	5 906 031.7	Down	Metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	07:39:42	4934	Field Note	461 822.9	5 906 014.2	-	Lower shore: Sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:39:42	4934	200145_WC_746	461 822.9	5 906 014.2	N	Down sand between metal outflow pipes to sea
20/08/2020	07:39:42	4934	200145_WC_747	461 822.9	5 906 014.2	E	Along low water across sand to metal outflow pipe 2
20/08/2020	07:39:42	4934	200145_WC_748	461 822.9	5 906 014.2	S	Up sand between metal outflow pipes
20/08/2020	07:39:42	4934	200145_WC_749	461 822.9	5 906 014.2	W	Along low water across sand to metal outflow pipe 1
20/08/2020	07:40:33	4935	Field Note	461 822.3	5 905 979.0	-	Mid shore: Sand between the two pipelines
20/08/2020	07:40:33	4935	200145_WC_750	461 822.3	5 905 979.0	S	Up sand between metal outflow pipes
20/08/2020	07:41:13	4936	Field Note	461 821.2	5 905 948.7	-	Mid shore: Sand.Pipeline1
20/08/2020	07:41:13	4936	200145_WC_751	461 821.2	5 905 948.7	W	Along sand to metal outflow pipe 1
20/08/2020	07:41:13	4936	200145_WC_752	461 821.2	5 905 948.7	S	Up sand between metal outflow pipes
20/08/2020	07:41:13	4936	200145_WC_753	461 821.2	5 905 948.7	E	Along sand to metal outflow pipe 2
20/08/2020	07:42:37	4937	Line	461 836.4	5 905 880.3	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:42:37	4937	200145_WC_754	461 836.4	5 905 880.3	W	Along coarse sand (bottom) to metal outflow pipe 1
20/08/2020	07:42:37	4937	200145_WC_755	461 836.4	5 905 880.3	S	Up coarse sand to sand and shingle from metal outflow pipe 2
20/08/2020	07:42:37	4937	200145_WC_756	461 836.4	5 905 880.3	N	Down metal outflow pipe 2, from bottom of coarse sand. Ephemeral greens (<i>Ulva ?intestinalis</i>), barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:44:08	4938	Line	461 835.2	5 905 880.7	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:44:14	4939	Line	461 829.5	5 905 879.5	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:44:19	4940	Line	461 826.4	5 905 876.8	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:44:26	4941	Line	461 820.3	5 905 873.9	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:44:31	4942	Line	461 817.2	5 905 871.7	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:44:37	4943	Line	461 810.7	5 905 871.4	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:44:42	4944	Line	461 807.4	5 905 868.8	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:44:48	4945	Line	461 802.8	5 905 866.9	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:44:54	4946	Line	461 800.6	5 905 862.3	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:44:59	4947	Line	461 797.8	5 905 860.5	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:45:05	4948	Line	461 793.1	5 905 857.8	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:45:12	4949	Line	461 790.8	5 905 856.4	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:45:19	4950	Line	461 787.9	5 905 857.2	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:45:24	4951	Line	461 784.3	5 905 853.9	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:45:28	4952	Line	461 782.8	5 905 851.2	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes
20/08/2020	07:45:35	4953	Line	461 781.4	5 905 848.7	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:45:35	4953	200145_WC_757	461 781.4	5 905 848.7	E	Along mixed (muddy sand, pebbles - bottom) to metal outflow pipe
20/08/2020	07:45:35	4953	200145_WC_758	461 781.4	5 905 848.7	N	Down sand
20/08/2020	07:45:35	4953	200145_WC_759	461 781.4	5 905 848.7	S	Up coarse (sand, pebbles) to shingle
20/08/2020	07:45:35	4953	200145_WC_760	461 781.4	5 905 848.7	W	Along sand
20/08/2020	07:46:44	4954	Line	461 781.5	5 905 845.4	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:46:52	4955	Line	461 787.9	5 905 842.1	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:46:59	4956	Line	461 793.7	5 905 845.8	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:47:05	4957	Line	461 799.6	5 905 849.8	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:47:11	4958	Line	461 804.8	5 905 852.1	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:47:17	4959	Line	461 808.4	5 905 854.7	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:47:22	4960	Line	461 811.9	5 905 858.1	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:47:22	4960	200145_WC_761	461 811.9	5 905 858.1	N	Down over mixed (muddy sand, pebbles, cobbles - top). Barnacles (Sessilia)
20/08/2020	07:47:22	4960	200145_WC_762	461 811.9	5 905 858.1	E	Along top mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
20/08/2020	07:47:22	4960	200145_WC_763	461 811.9	5 905 858.1	W	Along top mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia)
20/08/2020	07:47:22	4960	200145_WC_764	461 811.9	5 905 858.1	S	Up over coarse sand

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:48:48	4961	Line	461 814.9	5 905 858.2	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:48:54	4962	Line	461 818.0	5 905 862.2	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:49:00	4963	Line	461 824.5	5 905 864.6	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:49:07	4964	Line	461 830.4	5 905 866.5	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:49:12	4965	Line	461 834.0	5 905 868.8	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:49:16	4966	Line	461 836.7	5 905 869.8	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:49:22	4967	Line	461 838.4	5 905 873.9	-	Coarse (sand, pebbles) - patch between the 2 metal outflow pipes - some mud here
20/08/2020	07:49:22	4967	200145_WC_765	461 838.4	5 905 873.9	N	Down over sand to metal outflow pipe 2
20/08/2020	07:50:00	4968	Field Note	461 838.5	5 905 860.1	-	Sand
20/08/2020	07:50:00	4968	200145_WC_766	461 838.5	5 905 860.1	W	Along sand above and below coarse
20/08/2020	07:50:00	4968	200145_WC_767	461 838.5	5 905 860.1	S	Up sand
20/08/2020	07:51:00	4969	Line	461 823.7	5 905 855.9	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:05	4970	Line	461 820.9	5 905 855.0	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:10	4971	Line	461 816.8	5 905 853.5	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:15	4972	Line	461 812.1	5 905 851.0	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:19	4973	Line	461 810.9	5 905 849.0	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:23	4974	Line	461 809.2	5 905 846.4	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:29	4975	Line	461 806.4	5 905 843.7	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:37	4976	Line	461 812.4	5 905 846.0	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:42	4977	Line	461 816.5	5 905 847.7	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:48	4978	Line	461 821.1	5 905 850.4	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:57	4979	Line	461 825.7	5 905 855.9	-	Coarse (sand, pebbles) (4)
20/08/2020	07:51:57	4979	200145_WC_768	461 825.7	5 905 855.9	Down	Coarse (sand, pebbles) - patch

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:53:00	4980	Field Note	461 838.3	5 905 833.5	-	Sand
20/08/2020	07:53:00	4980	200145_WC_769	461 838.3	5 905 833.5	W	Along sand. Coarse (sand, pebbles) above and below
20/08/2020	07:53:00	4980	200145_WC_770	461 838.3	5 905 833.5	S	Up sand to shingle
20/08/2020	07:53:00	4980	200145_WC_771	461 838.3	5 905 833.5	N	Down sand to coarse and sea
20/08/2020	07:54:38	4981	Line	461 852.8	5 905 798.1	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:54:38	4981	200145_WC_772	461 852.8	5 905 798.1	S	Up mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	07:54:38	4981	200145_WC_773	461 852.8	5 905 798.1	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand
20/08/2020	07:54:38	4981	200145_WC_774	461 852.8	5 905 798.1	N	Down sand
20/08/2020	07:54:38	4981	200145_WC_775	461 852.8	5 905 798.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), worm casts (<i>Arenicola</i> sp.) - in pool
20/08/2020	07:57:55	4982	Line	461 850.5	5 905 792.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)
20/08/2020	07:57:55	4982	200145_WC_776	461 850.5	5 905 792.5	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), Sand mason worm (<i>Lance conchilega</i>)
20/08/2020	07:57:55	4982	200145_WC_777	461 850.5	5 905 792.5	S	Up mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	07:59:07	4983	Line	461 845.6	5 905 794.9	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand. Sand mason worm (<i>Arenicola</i> sp.)
20/08/2020	07:59:16	4984	Line	461 841.3	5 905 791.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand. Sand mason worm (<i>Arenicola</i> sp.)
20/08/2020	07:59:25	4985	Line	461 835.9	5 905 787.5	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand. Sand mason worm (<i>Arenicola</i> sp.)
20/08/2020	07:59:33	4986	Line	461 835.7	5 905 785.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand. Sand mason worm (<i>Arenicola</i> sp.)
20/08/2020	07:59:40	4987	Line	461 833.7	5 905 785.4	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	07:59:40	4987	200145_WC_778	461 833.7	5 905 785.4	S	Up mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	07:59:40	4987	200145_WC_779	461 833.7	5 905 785.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), worm casts (<i>Arenicola</i> sp.)
20/08/2020	07:59:40	4987	200145_WC_780	461 833.7	5 905 785.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:01:20	4988	Line	461 831.8	5 905 784.6	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:01:27	4989	Line	461 828.1	5 905 782.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:01:34	4990	Line	461 823.9	5 905 780.4	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:01:42	4991	Line	461 819.8	5 905 777.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:01:48	4992	Line	461 815.5	5 905 776.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:01:53	4993	Line	461 813.3	5 905 774.7	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:02:09	4994	Line	461 808.4	5 905 770.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - small patch
20/08/2020	08:02:09	4994	200145_WC_781	461 808.4	5 905 770.8	W	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:02:09	4994	200145_WC_782	461 808.4	5 905 770.8	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:03:41	4995	Line	461 806.3	5 905 772.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - small patch
20/08/2020	08:03:47	4996	Line	461 802.4	5 905 769.4	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - small patch
20/08/2020	08:03:53	4997	Line	461 806.8	5 905 769.7	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - small patch
20/08/2020	08:03:58	4998	Line	461 809.4	5 905 770.3	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:04:52	4999	Line	461 802.3	5 905 765.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:04:59	5000	Line	461 800.0	5 905 765.8	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:05:09	5001	Line	461 797.3	5 905 764.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:05:19	5002	Line	461 793.7	5 905 763.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:05:19	5002	200145_WC_783	461 793.7	5 905 763.7	E	Along mixed (muddy sand, pebbles, cobbles)
20/08/2020	08:05:19	5002	200145_WC_784	461 793.7	5 905 763.7	S	Up shingle
20/08/2020	08:05:19	5002	200145_WC_785	461 793.7	5 905 763.7	W	Along mixed (muddy sand, pebbles, cobbles)
20/08/2020	08:06:23	5003	Line	461 788.8	5 905 761.1	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:06:31	5004	Line	461 783.9	5 905 759.4	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:06:43	5005	Line	461 776.4	5 905 757.5	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:06:51	5006	Line	461 768.7	5 905 756.9	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:06:51	5006	200145_WC_786	461 768.7	5 905 756.9	W	Along mixed (muddy sand, pebbles, cobbles) - top pool
20/08/2020	08:06:51	5006	200145_WC_787	461 768.7	5 905 756.9	N	Down sand and channel
20/08/2020	08:06:51	5006	200145_WC_788	461 768.7	5 905 756.9	E	Along mixed (muddy sand, pebbles, cobbles)
20/08/2020	08:06:51	5006	200145_WC_789	461 768.7	5 905 756.9	S	Up shingle
20/08/2020	08:08:15	5007	Line	461 767.6	5 905 758.0	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:10:33	5008	Line	461 767.1	5 905 758.2	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:10:44	5009	Line	461 762.8	5 905 759.9	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:10:52	5010	Line	461 759.9	5 905 758.1	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:00	5011	Line	461 757.3	5 905 757.2	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:08	5012	Line	461 754.1	5 905 756.7	-	Mixed (muddy sand/cobbles). Barnacles (<i>Semibalanus balanoides</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:15	5013	Line	461 751.5	5 905 755.1	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:15	5013	200145_WC_790	461 751.5	5 905 755.1	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>) - in pool
20/08/2020	08:11:15	5013	200145_WC_791	461 751.5	5 905 755.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>) - in pool
20/08/2020	08:11:21	5014	Line	461 748.8	5 905 754.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:27	5015	Line	461 746.5	5 905 752.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:34	5016	Line	461 744.6	5 905 752.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:42	5017	Line	461 741.8	5 905 750.8	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:50	5018	Line	461 739.3	5 905 748.3	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:11:56	5019	Line	461 736.8	5 905 747.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:13:10	5020	Line	461 743.6	5 905 748.2	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:13:20	5021	Line	461 750.5	5 905 750.0	-	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	08:13:20	5021	200145_WC_792	461 750.5	5 905 750.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:13:20	5021	200145_WC_793	461 750.5	5 905 750.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:14:14	5022	Line	461 753.5	5 905 748.6	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:14:14	5022	200145_WC_794	461 753.5	5 905 748.6	N	Down over mixed (muddy sand, pebbles, cobbles), over sand to sea
20/08/2020	08:14:14	5022	200145_WC_795	461 753.5	5 905 748.6	NE	Down over mixed (muddy sand, pebbles, cobbles), over sand and channels towards
20/08/2020	08:14:14	5022	200145_WC_796	461 753.5	5 905 748.6	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:15:27	5023	Line	461 757.0	5 905 751.3	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:15:41	5024	Line	461 765.4	5 905 755.5	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:15:53	5025	Line	461 768.5	5 905 755.8	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:16:30	5026	Line	461 753.3	5 905 754.0	-	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>)
20/08/2020	08:16:30	5026	200145_WC_797	461 753.3	5 905 754.0	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) - in pool
20/08/2020	08:16:30	5026	200145_WC_798	461 753.3	5 905 754.0	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) - in pool

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:18:37	5027	Line	461 740.8	5 905 745.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip (1 m to 2 m wide)
20/08/2020	08:18:54	5028	Line	461 730.4	5 905 743.9	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:19:04	5029	Line	461 727.8	5 905 743.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:19:13	5030	Line	461 722.7	5 905 740.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:19:22	5031	Line	461 716.5	5 905 737.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:19:30	5032	Line	461 712.7	5 905 735.8	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:19:38	5033	Line	461 707.6	5 905 734.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:19:46	5034	Line	461 702.8	5 905 732.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:19:55	5035	Line	461 697.0	5 905 730.4	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:20:03	5036	Line	461 697.1	5 905 729.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:20:03	5036	200145_WC_799	461 697.1	5 905 729.0	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Semibalanus balanoides</i>), winkles (<i>Littorina littorea</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:22:48	5037	Line	461 694.3	5 905 729.9	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:22:58	5038	Line	461 691.3	5 905 727.7	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:22:58	5038	200145_WC_800	461 691.3	5 905 727.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:22:58	5038	200145_WC_801	461 691.3	5 905 727.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:23:58	5039	Line	461 687.8	5 905 726.3	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:24:06	5040	Line	461 685.0	5 905 725.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:24:12	5041	Line	461 680.9	5 905 723.3	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:24:23	5042	Line	461 676.1	5 905 721.5	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:24:31	5043	Line	461 671.1	5 905 720.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:24:31	5043	200145_WC_802	461 671.1	5 905 720.0	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:24:31	5043	200145_WC_803	461 671.1	5 905 720.0	Down	Mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:25:38	5044	Line	461 664.6	5 905 717.9	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:25:44	5045	Line	461 663.9	5 905 717.8	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:25:51	5046	Line	461 659.8	5 905 716.3	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:25:57	5047	Line	461 656.2	5 905 714.9	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:26:05	5048	Line	461 651.6	5 905 712.9	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:26:15	5049	Line	461 648.0	5 905 711.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:26:20	5050	Line	461 645.9	5 905 711.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:26:28	5051	Line	461 641.0	5 905 709.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:26:36	5052	Line	461 636.9	5 905 708.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:26:45	5053	Line	461 632.8	5 905 706.4	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:26:45	5053	200145_WC_804	461 632.8	5 905 706.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Austrominius modestus</i> , <i>Semibalanus balanoides</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:26:45	5053	200145_WC_805	461 632.8	5 905 706.4	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (<i>Austrominius modestus</i>), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:27:54	5054	Line	461 628.8	5 905 707.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:27:54	5054	200145_WC_806	461 628.8	5 905 707.1	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:27:54	5054	200145_WC_807	461 628.8	5 905 707.1	E	Along mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:27:54	5054	200145_WC_808	461 628.8	5 905 707.1	S	Up mixed (muddy sand, pebbles, cobbles) to coarse. Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:27:54	5054	200145_WC_809	461 628.8	5 905 707.1	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:28:02	5055	Line	461 623.3	5 905 704.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:28:09	5056	Line	461 619.3	5 905 702.4	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:28:20	5057	Line	461 614.0	5 905 699.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:28:26	5058	Line	461 608.9	5 905 697.8	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:28:32	5059	Line	461 604.7	5 905 696.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:28:39	5060	Line	461 599.0	5 905 693.5	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:28:46	5061	Line	461 593.8	5 905 691.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:28:54	5062	Line	461 587.9	5 905 688.5	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:29:01	5063	Line	461 584.2	5 905 687.5	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:30:11	5064	Line	461 578.2	5 905 683.7	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:30:20	5065	Line	461 570.6	5 905 681.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:30:27	5066	Line	461 566.0	5 905 678.8	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:30:33	5067	Line	461 562.0	5 905 677.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:30:39	5068	Line	461 556.6	5 905 675.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:30:44	5069	Line	461 553.1	5 905 675.5	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:30:49	5070	Line	461 549.0	5 905 674.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:30:55	5071	Line	461 544.8	5 905 673.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:31:01	5072	Line	461 541.0	5 905 673.3	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip
20/08/2020	08:31:07	5073	Line	461 537.6	5 905 672.7	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>), winkles (<i>Littorina littorea</i>) strip (~2 m wide)
20/08/2020	08:31:07	5073	200145_WC_810	461 537.6	5 905 672.7	W	Along mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:31:07	5073	200145_WC_811	461 537.6	5 905 672.7	S	Up mixed (muddy sand, pebbles, cobbles) to coarse. Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:31:07	5073	200145_WC_812	461 537.6	5 905 672.7	E	Along mixed (muddy sand, pebbles, cobbles). Ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:31:07	5073	200145_WC_813	461 537.6	5 905 672.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>), worm cast (<i>Arenicola</i> sp.)
20/08/2020	08:31:07	5073	200145_WC_814	461 537.6	5 905 672.7	Down	Mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>), worm cast (<i>Arenicola</i> sp.)
20/08/2020	08:32:38	5074	Line	461 532.0	5 905 669.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:32:46	5075	Line	461 526.2	5 905 667.7	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:32:54	5076	Line	461 518.8	5 905 665.4	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:40:35	5077	Line	461 513.3	5 905 661.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:40:43	5078	Line	461 509.1	5 905 659.3	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:40:52	5079	Line	461 513.5	5 905 659.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:41:02	5080	Line	461 518.9	5 905 660.2	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:41:16	5081	Line	461 525.2	5 905 663.0	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:41:28	5082	Line	461 531.0	5 905 665.1	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:41:41	5083	Line	461 535.2	5 905 666.6	-	Mixed (muddy sand, pebbles, cobbles). Green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	08:41:41	5083	200145_WC_815	461 535.2	5 905 666.6	N	Down over mixed (muddy sand, pebbles, cobbles) to sand. Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:41:41	5083	200145_WC_816	461 535.2	5 905 666.6	NE	Down over mixed (muddy sand, pebbles, cobbles) to sand (channel). Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:41:41	5083	200145_WC_817	461 535.2	5 905 666.6	W	Along mixed (muddy sand, pebbles, cobbles). Barnacles (Sessilia), ephemeral greens (<i>Ulva ?intestinalis</i>)
20/08/2020	08:42:50	5084	Line	461 538.6	5 905 667.2	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:42:59	5085	Line	461 542.7	5 905 669.2	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:43:04	5086	Line	461 545.6	5 905 670.0	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:43:12	5087	Line	461 550.6	5 905 671.7	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:43:22	5088	Line	461 554.4	5 905 673.2	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:43:31	5089	Line	461 560.9	5 905 675.1	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:43:40	5090	Line	461 567.9	5 905 677.9	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:43:54	5091	Line	461 575.6	5 905 680.6	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:44:03	5092	Line	461 579.5	5 905 682.2	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:44:13	5093	Line	461 583.4	5 905 683.9	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:44:25	5094	Line	461 590.0	5 905 686.4	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:44:33	5095	Line	461 595.8	5 905 688.6	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:44:45	5096	Line	461 603.0	5 905 691.8	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:44:57	5097	Line	461 610.5	5 905 694.0	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:45:11	5098	Line	461 617.0	5 905 697.4	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:45:25	5099	Line	461 623.5	5 905 699.9	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:45:38	5100	Line	461 630.6	5 905 702.3	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:45:47	5101	Line	461 634.5	5 905 703.9	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:45:59	5102	Line	461 642.6	5 905 706.5	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:46:52	5103	Line	461 648.6	5 905 708.6	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:47:09	5104	Line	461 659.3	5 905 712.7	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:47:21	5105	Line	461 665.6	5 905 715.5	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:47:32	5106	Line	461 674.0	5 905 718.1	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:47:39	5107	Line	461 677.8	5 905 719.2	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:47:56	5108	Line	461 689.2	5 905 723.9	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:48:09	5109	Line	461 695.8	5 905 726.4	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:48:22	5110	Line	461 698.9	5 905 728.8	-	Mixed below coarse (pebbles and cobbles). Green ephemeral (<i>Ulva ?intestinalis</i>) strip at the bottom
20/08/2020	08:49:43	5111	Line	461 710.5	5 905 706.1	-	Barren Littoral Shingle
20/08/2020	08:49:43	5111	200145_WC_818	461 710.5	5 905 706.1	N	Down over coarse and sand to sea
20/08/2020	08:49:43	5111	200145_WC_819	461 710.5	5 905 706.1	W	Along barren littoral shingle/coarse boundary
20/08/2020	08:49:43	5111	200145_WC_820	461 710.5	5 905 706.1	S	Up barren littoral shingle
20/08/2020	08:49:43	5111	200145_WC_821	461 710.5	5 905 706.1	E	Along barren littoral shingle/coarse boundary
20/08/2020	08:51:23	5112	Line	461 716.2	5 905 708.3	-	Barren Littoral Shingle
20/08/2020	08:51:32	5113	Line	461 725.2	5 905 710.3	-	Barren Littoral Shingle
20/08/2020	08:51:41	5114	Line	461 732.1	5 905 712.7	-	Barren Littoral Shingle
20/08/2020	08:51:51	5115	Line	461 742.2	5 905 716.6	-	Barren Littoral Shingle
20/08/2020	08:52:02	5116	Line	461 750.7	5 905 720.2	-	Barren Littoral Shingle
20/08/2020	08:52:11	5117	Line	461 758.0	5 905 722.8	-	Barren Littoral Shingle
20/08/2020	08:52:21	5118	Line	461 764.9	5 905 725.7	-	Barren Littoral Shingle
20/08/2020	08:52:36	5119	Line	461 777.2	5 905 730.2	-	Barren Littoral Shingle
20/08/2020	08:52:50	5120	Line	461 787.5	5 905 733.4	-	Barren Littoral Shingle
20/08/2020	08:53:01	5121	Line	461 795.3	5 905 737.2	-	Barren Littoral Shingle
20/08/2020	08:53:12	5122	Line	461 803.6	5 905 740.5	-	Barren Littoral Shingle
20/08/2020	08:53:51	5123	Line	461 809.7	5 905 741.9	-	Barren Littoral Shingle
20/08/2020	08:54:00	5124	Line	461 817.8	5 905 745.9	-	Barren Littoral Shingle
20/08/2020	08:54:10	5125	Line	461 827.3	5 905 748.7	-	Barren Littoral Shingle
20/08/2020	08:54:25	5126	Line	461 841.8	5 905 754.0	-	Barren Littoral Shingle
20/08/2020	08:54:39	5127	Line	461 848.5	5 905 756.1	-	Barren Littoral Shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	08:54:53	5128	Line	461 858.0	5 905 760.0	-	Barren Littoral Shingle
20/08/2020	08:55:06	5129	Line	461 866.4	5 905 763.5	-	Barren Littoral Shingle
20/08/2020	08:56:26	5130	Line	461 870.4	5 905 765.2	-	Barren Littoral Shingle
20/08/2020	08:56:39	5131	Line	461 880.6	5 905 769.6	-	Barren Littoral Shingle
20/08/2020	08:57:06	5132	Line	461 902.7	5 905 777.6	-	Barren Littoral Shingle
20/08/2020	08:57:22	5133	Line	461 912.6	5 905 781.0	-	Barren Littoral Shingle
20/08/2020	08:57:33	5134	Line	461 918.9	5 905 785.2	-	Barren Littoral Shingle
20/08/2020	08:58:02	5135	Line	461 921.9	5 905 785.8	-	Barren Littoral Shingle
20/08/2020	08:58:12	5136	Line	461 927.5	5 905 787.2	-	Barren Littoral Shingle
20/08/2020	08:58:30	5137	Line	461 938.4	5 905 792.5	-	Barren Littoral Shingle
20/08/2020	08:58:43	5138	Line	461 946.7	5 905 795.9	-	Barren Littoral Shingle
20/08/2020	08:58:52	5139	Line	461 953.3	5 905 798.0	-	Barren Littoral Shingle
20/08/2020	08:59:01	5140	Line	461 960.3	5 905 800.3	-	Barren Littoral Shingle
20/08/2020	08:59:08	5141	Line	461 965.8	5 905 802.2	-	Barren Littoral Shingle
20/08/2020	08:59:16	5142	Line	461 971.7	5 905 806.3	-	Barren Littoral Shingle
20/08/2020	08:59:25	5143	Line	461 977.0	5 905 808.2	-	Barren Littoral Shingle
20/08/2020	08:59:34	5144	Line	461 983.4	5 905 811.0	-	Barren Littoral Shingle
20/08/2020	08:59:49	5145	Line	461 986.8	5 905 811.7	-	Barren Littoral Shingle
20/08/2020	08:59:57	5146	Line	461 991.5	5 905 814.6	-	Barren Littoral Shingle
20/08/2020	09:00:10	5147	Line	462 000.0	5 905 817.7	-	Barren Littoral Shingle
20/08/2020	09:00:18	5148	Line	462 006.1	5 905 820.3	-	Barren Littoral Shingle
20/08/2020	09:00:23	5149	Line	462 010.7	5 905 821.6	-	Barren Littoral Shingle
20/08/2020	09:00:32	5150	Line	462 017.4	5 905 825.4	-	Barren Littoral Shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:00:48	5151	Line	462 028.2	5 905 829.9	-	Barren Littoral Shingle
20/08/2020	09:01:02	5152	Line	462 037.2	5 905 833.4	-	Barren Littoral Shingle
20/08/2020	09:01:12	5153	Line	462 044.0	5 905 836.0	-	Barren Littoral Shingle
20/08/2020	09:01:30	5154	Line	462 052.1	5 905 841.2	-	Barren Littoral Shingle
20/08/2020	09:01:39	5155	Line	462 058.7	5 905 844.4	-	Barren Littoral Shingle
20/08/2020	09:01:50	5156	Line	462 066.1	5 905 847.5	-	Barren Littoral Shingle
20/08/2020	09:02:58	5157	Line	462 067.4	5 905 848.6	-	Barren Littoral Shingle
20/08/2020	09:03:10	5158	Line	462 078.8	5 905 853.2	-	Barren Littoral Shingle
20/08/2020	09:03:31	5159	Line	462 093.4	5 905 859.3	-	Barren Littoral Shingle
20/08/2020	09:03:42	5160	Line	462 102.4	5 905 861.8	-	Barren Littoral Shingle
20/08/2020	09:03:52	5161	Line	462 109.3	5 905 865.9	-	Barren Littoral Shingle
20/08/2020	09:04:02	5162	Line	462 116.5	5 905 868.8	-	Barren Littoral Shingle
20/08/2020	09:04:10	5163	Line	462 123.3	5 905 872.3	-	Barren Littoral Shingle
20/08/2020	09:04:23	5164	Line	462 134.5	5 905 877.6	-	Barren Littoral Shingle
20/08/2020	09:04:32	5165	Line	462 139.9	5 905 880.2	-	Barren Littoral Shingle
20/08/2020	09:04:42	5166	Line	462 149.3	5 905 883.5	-	Barren Littoral Shingle
20/08/2020	09:04:54	5167	Line	462 156.4	5 905 887.1	-	Barren Littoral Shingle
20/08/2020	09:05:00	5168	Line	462 162.3	5 905 889.4	-	Barren Littoral Shingle
20/08/2020	09:05:10	5169	Line	462 168.8	5 905 892.2	-	Barren Littoral Shingle
20/08/2020	09:05:18	5170	Line	462 174.9	5 905 895.7	-	Barren Littoral Shingle
20/08/2020	09:05:27	5171	Line	462 181.4	5 905 897.9	-	Barren Littoral Shingle
20/08/2020	09:05:35	5172	Line	462 187.2	5 905 900.6	-	Barren Littoral Shingle
20/08/2020	09:05:43	5173	Line	462 194.3	5 905 903.6	-	Barren Littoral Shingle

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:05:52	5174	Line	462 201.4	5 905 907.2	-	Barren Littoral Shingle
20/08/2020	09:06:00	5175	Line	462 208.1	5 905 910.6	-	Barren Littoral Shingle
20/08/2020	09:06:08	5176	Line	462 216.3	5 905 913.5	-	Barren Littoral Shingle
20/08/2020	09:06:19	5177	Line	462 225.8	5 905 917.9	-	Barren Littoral Shingle
20/08/2020	09:06:32	5178	Line	462 233.0	5 905 921.8	-	Barren Littoral Shingle
20/08/2020	09:06:41	5179	Line	462 240.0	5 905 925.2	-	Barren Littoral Shingle
20/08/2020	09:06:49	5180	Line	462 246.4	5 905 928.3	-	Barren Littoral Shingle
20/08/2020	09:06:56	5181	Line	462 251.4	5 905 932.0	-	Barren Littoral Shingle
20/08/2020	09:07:06	5182	Line	462 260.6	5 905 934.4	-	Barren Littoral Shingle
20/08/2020	09:07:16	5183	Line	462 270.1	5 905 936.6	-	Barren Littoral Shingle
20/08/2020	09:07:25	5184	Line	462 277.2	5 905 939.3	-	Barren Littoral Shingle
20/08/2020	09:07:34	5185	Line	462 284.9	5 905 943.3	-	Barren Littoral Shingle
20/08/2020	09:17:43	5186	Field Note	462 294.1	5 905 931.8	-	Seawall. Start of lichens/Shingle pioneer community plants
20/08/2020	09:17:43	5186	200145_WC_822	462 294.1	5 905 931.8	W	Band of 'shingle pioneer community' at bottom of cement seawall. Start of lichens
20/08/2020	09:17:43	5186	200145_WC_823	462 294.1	5 905 931.8	Down	Shingle pioneer community plants. Buck's horn Plantain (<i>Plantago coronopus</i>)
20/08/2020	09:20:08	5187	200145_WC_824	462 295.5	5 905 932.9	Down	Seawall. Grey lichens
20/08/2020	09:20:08	5187	200145_WC_825	462 295.5	5 905 932.9	Down	Seawall. Grey and yellow lichens
20/08/2020	09:20:42	5188	200145_WC_826	462 290.5	5 905 930.5	Down	Shingle pioneer community plants. Common Restharrow (<i>Ononis repens</i>)
20/08/2020	09:20:42	5188	200145_WC_827	462 290.5	5 905 930.5	Down	Shingle pioneer community plants. Common Restharrow (<i>Ononis repens</i>)
20/08/2020	09:21:51	5189	200145_WC_828	462 287.7	5 905 931.1	Down	Shingle pioneer community plants. Sea radish (<i>Raphanus raphanistrum</i> sp.), Common Dandelion (<i>Taraxacum officinale</i>)
20/08/2020	09:21:51	5189	200145_WC_829	462 287.7	5 905 931.1	Down	Shingle pioneer community plants. Sea radish (<i>Raphanus raphanistrum</i> ssp.), Common Dandelion (<i>Taraxacum officinale</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:21:51	5189	200145_WC_830	462 287.7	5 905 931.1	Down	Shingle pioneer community
20/08/2020	09:23:02	5190	Field Note	462 284.8	5 905 929.1	-	Shingle pioneer community plants
20/08/2020	09:23:09	5191	200145_WC_831	462 284.0	5 905 928.4	Down	Shingle pioneer community
20/08/2020	09:23:53	5192	200145_WC_832	462 283.7	5 905 928.3	Down	Boulder in shingle. Black/Yellow lichens
20/08/2020	09:25:10	5193	200145_WC_833	462 281.4	5 905 928.1	Down	Seawall. Black and yellow lichens
20/08/2020	09:25:10	5193	200145_WC_834	462 281.4	5 905 928.1	Down	Seawall. Yellow lichens (<i>Xanthoria</i> sp.)
20/08/2020	09:25:10	5193	200145_WC_835	462 281.4	5 905 928.1	E	Along band of shingle pioneer community
20/08/2020	09:25:10	5193	200145_WC_836	462 281.4	5 905 928.1	W	Along band of shingle pioneer community
20/08/2020	09:25:10	5193	200145_WC_837	462 281.4	5 905 928.1	Down	Shingle pioneer community plants. Sea Mayweed (<i>Tripleurospermum maritimum</i>)
20/08/2020	09:27:05	5194	200145_WC_838	462 279.6	5 905 927.3	S	Shingle pioneer community plants. Ribwort Plantain (<i>Plantago lanceolata</i>)
20/08/2020	09:27:05	5194	200145_WC_839	462 279.6	5 905 927.3	Down	Shingle pioneer community plants. Ribwort Plantain (<i>Plantago lanceolata</i>)
20/08/2020	09:27:05	5194	200145_WC_840	462 279.6	5 905 927.3	Down	Seawall. Grey and yellow lichens
20/08/2020	09:28:42	5195	200145_WC_841	462 277.3	5 905 925.2	S	Shingle pioneer community plants. Sea beet (<i>Beta vulgaris</i> ssp. <i>maritima</i>), Ribwort Plantain (<i>Plantago lanceolata</i>)
20/08/2020	09:28:42	5195	200145_WC_842	462 277.3	5 905 925.2	Down	Shingle pioneer community plants. Sea beet (<i>Beta vulgaris</i> ssp. <i>maritima</i>), Ribwort Plantain (<i>Plantago lanceolata</i>), Common Dandelion (<i>Taraxacum officinale</i>)
20/08/2020	09:29:55	5196	200145_WC_843	462 273.4	5 905 923.2	Down	Shingle pioneer community plants. Buck's horn Plantain (<i>Plantago coronopus</i>), Common Restharrow (<i>Ononis repens</i>)
20/08/2020	09:29:55	5196	200145_WC_844	462 273.4	5 905 923.2	Down	Shingle pioneer community plants. Sea Mayweed (<i>Tripleurospermum maritimum</i>)/Seawall. Yellow lichens
20/08/2020	09:30:41	5197	200145_WC_845	462 273.3	5 905 922.5	Down	Boulder. Grey/Yellow Lichens (<i>Xanthoria</i> sp.), ?Orange lichens (<i>Caloplaca</i> sp.)/Shingle pioneer community plants. Common Restharrow (<i>Ononis repens</i>), Sea Mayweed (<i>Tripleurospermum maritimum</i>)
20/08/2020	09:30:41	5197	200145_WC_846	462 273.3	5 905 922.5	E	Along shingle pioneer community plants. Sea Mayweed (<i>Tripleurospermum maritimum</i>), Ribwort Plantain (<i>Plantago lanceolata</i>)/Seawall with lichens

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:30:41	5197	200145_WC_847	462 273.3	5 905 922.5	W	Along seawall. Lichens/Shingle pioneer community plants
20/08/2020	09:32:32	5198	200145_WC_848	462 271.5	5 905 922.4	Down	Shingle pioneer community
20/08/2020	09:32:32	5198	200145_WC_849	462 271.5	5 905 922.4	Down	Seawall. Grey, black and yellow lichens
20/08/2020	09:32:32	5198	200145_WC_850	462 271.5	5 905 922.4	Down	Seawall. Yellow lichens
20/08/2020	09:33:09	5199	Field Note	462 268.4	5 905 920.0	-	Seawall. Grey, black and yellow lichens
20/08/2020	09:34:34	5200	200145_WC_851	462 264.2	5 905 919.7	Down	Seawall. Grey, black and yellow lichens
20/08/2020	09:34:34	5200	200145_WC_852	462 264.2	5 905 919.7	Down	Seawall. Grey, black and yellow lichens
20/08/2020	09:35:58	5201	200145_WC_853	462 259.7	5 905 918.3	Down	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:35:58	5201	200145_WC_854	462 259.7	5 905 918.3	Down	Shingle pioneer community plants. Buck's horn Plantain (<i>Plantago coronopus</i>), grass
20/08/2020	09:37:01	5202	200145_WC_855	462 261.0	5 905 916.9	Down	Seawall. Grey, black and yellow lichens
20/08/2020	09:37:34	5203	Target Note	462 260.6	5 905 917.4	-	Access point: Bottom of stairs
20/08/2020	09:37:34	5203	200145_WC_856	462 260.6	5 905 917.4	S	Seawall. Grey, black and yellow lichens/Shingle pioneer community plant. Sea Mayweed (<i>Tripleurospermum maritimum</i>)
20/08/2020	09:37:34	5203	200145_WC_857	462 260.6	5 905 917.4	Down	Shingle pioneer community plant. Sea Mayweed (<i>Tripleurospermum maritimum</i>)
20/08/2020	09:38:53	5204	200145_WC_858	462 259.0	5 905 917.3	S	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:38:53	5204	200145_WC_859	462 259.0	5 905 917.3	Down	Seawall. Grey, black and yellow lichens
20/08/2020	09:38:53	5204	200145_WC_860	462 259.0	5 905 917.3	Down	Seawall. Grey, black and yellow lichens/Shingle pioneer community plant. Buck's horn Plantain (<i>Plantago coronopus</i>)
20/08/2020	09:40:50	5206	200145_WC_861	462 255.1	5 905 915.4	Down	Shingle pioneer community
20/08/2020	09:41:05	5207	Field Note	462 250.3	5 905 914.0	-	Seawall. Lichens/Shingle pioneer community plants
20/08/2020	09:41:57	5208	200145_WC_862	462 245.9	5 905 913.0	Down	Shingle pioneer community
20/08/2020	09:42:42	5209	200145_WC_863	462 245.5	5 905 912.2	Down	Yellow lichens (<i>Xanthoria</i> sp.)
20/08/2020	09:43:59	5210	200145_WC_864	462 242.3	5 905 906.1	Down	Shingle pioneer community plant. Shore Dock (<i>Rumex rupestris</i>), ?Cock's-foot (<i>Dactylis glomerata</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:43:59	5210	200145_WC_865	462 242.3	5 905 906.1	Down	Shingle pioneer community plant. Shore Dock (<i>Rumex rupestris</i>), ?
20/08/2020	09:45:10	5211	200145_WC_866	462 238.4	5 905 908.7	Down	Boulder. Black and yellow lichens (<i>Xanthoria</i> sp.)
20/08/2020	09:45:59	5212	200145_WC_867	462 239.2	5 905 910.3	Down	Shingle pioneer community plant. Shore Dock (<i>Rumex rupestris</i>), ?
20/08/2020	09:46:51	5213	200145_WC_868	462 235.8	5 905 903.7	Down	Seawall. Black and yellow lichens (<i>Xanthoria</i> sp.)
20/08/2020	09:47:29	5214	200145_WC_869	462 229.7	5 905 902.3	Down	Boulder. Black and yellow lichens (<i>Xanthoria</i> sp.)
20/08/2020	09:48:53	5215	Field Note	462 229.3	5 905 903.8	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:48:59	5216	Field Note	462 226.6	5 905 901.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:49:12	5217	Field Note	462 223.7	5 905 900.6	-	Seawall. Lichens/Shingle pioneer community plants are very sporadic
20/08/2020	09:49:43	5218	Field Note	462 221.3	5 905 901.9	-	Seawall. Lichens
20/08/2020	09:49:52	5219	200145_WC_870	462 216.6	5 905 897.8	Down	Seawall. Lichens
20/08/2020	09:50:42	5220	200145_WC_871	462 216.9	5 905 897.9	Down	Shingle pioneer community plant. Sea Mayweed (<i>Tripleurospermum maritimum</i>), Common Dandelion (<i>Taraxacum officinale</i>)
20/08/2020	09:50:42	5220	200145_WC_872	462 216.9	5 905 897.9	S	Seawall. Lichens/Shingle pioneer community plant. Common Dandelion (<i>Taraxacum officinale</i>), Buck's horn Plantain (<i>Plantago coronopus</i>)
20/08/2020	09:50:42	5220	200145_WC_873	462 216.9	5 905 897.9	Down	Seawall. Lichens/Shingle pioneer community plant. Common Dandelion (<i>Taraxacum officinale</i>), Buck's horn Plantain (<i>Plantago coronopus</i>), clover (<i>Trifolium</i> sp.)
20/08/2020	09:50:42	5220	200145_WC_874	462 216.9	5 905 897.9	Down	Seawall. Lichens/Shingle pioneer community plant. Buck's horn Plantain (<i>Plantago coronopus</i>)
20/08/2020	09:51:18	5221	Field Note	462 213.7	5 905 896.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:51:30	5222	Field Note	462 205.9	5 905 891.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:51:45	5223	Field Note	462 198.3	5 905 887.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:53:12	5224	Field Note	462 195.2	5 905 888.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:53:18	5225	Field Note	462 192.6	5 905 886.1	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:53:18	5225	200145_WC_875	462 192.6	5 905 886.1	Down	Boulder. Yellow lichens
20/08/2020	09:54:10	5226	200145_WC_876	462 187.3	5 905 883.7	W	Along seawall. Lichens/Shingle pioneer community

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	09:54:19	5227	Field Note	462 182.8	5 905 882.4	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:54:27	5228	Field Note	462 178.1	5 905 879.4	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:54:39	5229	200145_WC_877	462 169.4	5 905 875.3	Down	Seawall. Lichens/Shingle pioneer community plant. Common Dandelion (<i>Taraxacum officinale</i>), Common Restharrow (<i>Ononis repens</i>)
20/08/2020	09:55:56	5230	200145_WC_878	462 163.5	5 905 874.0	S	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:55:56	5230	200145_WC_879	462 163.5	5 905 874.0	Down	Seawall. Lichens/Shingle pioneer community plant. Common Dandelion (<i>Taraxacum officinale</i>)
20/08/2020	09:56:54	5231	200145_WC_880	462 159.7	5 905 871.9	S	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:56:54	5231	200145_WC_881	462 159.7	5 905 871.9	Down	Seawall. Lichens/Shingle pioneer community plant. Sea holly (<i>Eryngium</i> sp.), Common Restharrow (<i>Ononis repens</i>)
20/08/2020	09:58:21	5232	200145_WC_882	462 159.5	5 905 871.4	S	Seawall. Lichens/Shingle pioneer community plant. Sea holly (<i>Eryngium</i> sp.), Common Restharrow (<i>Ononis repens</i>), Sea Mayweed (<i>Tripleurospermum maritimum</i>)
20/08/2020	09:59:03	5233	Field Note	462 153.1	5 905 870.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:59:11	5234	Field Note	462 149.3	5 905 867.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	09:59:23	5235	200145_WC_883	462 143.8	5 905 864.4	Down	Seawall. Lichens/Shingle pioneer community plant. Common Dandelion (<i>Taraxacum officinale</i>)
20/08/2020	09:59:59	5236	Field Note	462 140.3	5 905 862.8	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:00:10	5237	Field Note	462 135.7	5 905 860.8	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:00:17	5238	Field Note	462 133.3	5 905 858.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:00:29	5239	200145_WC_884	462 133.8	5 905 857.8	Down	Seawall. Lichens/Shingle pioneer community plant. Sea holly (<i>Eryngium</i> sp.), Buck's horn Plantain (<i>Plantago coronopus</i>). Land snail
20/08/2020	10:01:34	5240	Field Note	462 130.5	5 905 859.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:01:43	5241	Field Note	462 124.8	5 905 856.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:01:54	5242	Field Note	462 121.2	5 905 853.4	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:02:05	5243	Field Note	462 116.2	5 905 851.2	-	Seawall. Lichens/Shingle pioneer community

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:02:18	5244	Field Note	462 111.9	5 905 848.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:02:18	5244	200145_WC_885	462 111.9	5 905 848.6	Down	Seawall. Lichens
20/08/2020	10:03:00	5245	200145_WC_886	462 114.2	5 905 848.6	S	Shingle pioneer community plant. Sea Mayweed (<i>Tripleurospermum maritimum</i>), Buck's horn Plantain (<i>Plantago coronopus</i>)
20/08/2020	10:03:51	5246	Field Note	462 104.8	5 905 846.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:03:51	5246	200145_WC_887	462 104.8	5 905 846.5	S	Seawall. Grey, black (<i>Verrucaria</i> sp.) and yellow lichens
20/08/2020	10:03:51	5246	200145_WC_888	462 104.8	5 905 846.5	Down	Seawall. Grey, black (<i>Verrucaria</i> sp.) and yellow lichens
20/08/2020	10:05:01	5247	Field Note	462 099.7	5 905 842.7	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:05:10	5248	Field Note	462 096.1	5 905 841.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:05:19	5249	Field Note	462 091.7	5 905 839.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:05:32	5250	200145_WC_889	462 088.5	5 905 838.6	S	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:06:18	5251	200145_WC_890	462 083.1	5 905 835.7	Down	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:06:18	5251	200145_WC_891	462 083.1	5 905 835.7	Down	Seawall. Lichens
20/08/2020	10:07:09	5252	Field Note	462 077.8	5 905 833.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:07:18	5253	200145_WC_892	462 072.9	5 905 831.3	S	Shingle pioneer community plant. Sea Mayweed (<i>Tripleurospermum maritimum</i>), Common Dandelion (<i>Taraxacum officinale</i>)
20/08/2020	10:07:18	5253	200145_WC_893	462 072.9	5 905 831.3	Down	Seawall. Lichens
20/08/2020	10:08:20	5254	Field Note	462 067.7	5 905 829.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:11:53	5255	200145_WC_894	462 065.0	5 905 828.7	S	Seawall. Lichens/Shingle pioneer community plant. Common Restharrow (<i>Ononis repens</i>), Sea Mayweed (<i>Tripleurospermum maritimum</i>)
20/08/2020	10:12:02	5256	Field Note	462 060.0	5 905 826.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:12:12	5257	Field Note	462 057.0	5 905 826.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:12:23	5258	200145_WC_895	462 053.0	5 905 823.8	E	Along seawall. Lichens/Shingle pioneer community plant. Common Restharrow (<i>Ononis repens</i>), Sea Mayweed (<i>Tripleurospermum maritimum</i>), Sea radish (<i>Raphanus raphanistrum</i> ssp.)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:13:36	5259	Field Note	462 046.1	5 905 821.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:13:47	5260	Field Note	462 040.6	5 905 818.0	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:13:56	5261	Field Note	462 035.0	5 905 815.4	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:14:07	5262	200145_WC_896	462 028.5	5 905 812.3	S	Seawall. Lichens/Shingle pioneer community plant. Common Restharrow (<i>Ononis repens</i>), Sea Mayweed (<i>Tripleurospermum maritimum</i>)
20/08/2020	10:14:07	5262	200145_WC_897	462 028.5	5 905 812.3	Down	Seawall. Grey, black (<i>Verrucaria</i> sp.) and yellow lichens
20/08/2020	10:15:40	5263	Field Note	462 023.4	5 905 811.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:15:48	5264	Field Note	462 017.6	5 905 807.7	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:15:57	5265	Field Note	462 011.1	5 905 804.0	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:16:07	5266	Field Note	462 003.2	5 905 801.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:16:18	5267	Field Note	461 995.5	5 905 798.1	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:16:28	5268	Field Note	461 988.1	5 905 794.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:16:40	5269	Field Note	461 978.7	5 905 790.7	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:16:53	5270	Field Note	461 970.2	5 905 786.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:17:00	5271	Field Note	461 965.6	5 905 785.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:17:12	5272	Field Note	461 956.5	5 905 780.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:17:23	5273	Field Note	461 947.7	5 905 776.7	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:17:35	5274	Field Note	461 940.3	5 905 775.1	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:17:50	5275	Target Note	461 938.6	5 905 774.9	-	Seawall. Lichens/Shingle pioneer community plants/Wooden debris
20/08/2020	10:17:50	5275	200145_WC_898	461 938.6	5 905 774.9	E	Along base of seawall. Lichens/Shingle pioneer community. Anthropogenic debris (wooden pole)
20/08/2020	10:17:59	5276	Field Note	461 935.5	5 905 772.4	-	Seawall. Lichens/Shingle pioneer community plants: Sea sandwort (<i>Honckenya peploides</i>)
20/08/2020	10:20:13	5277	200145_WC_899	461 934.2	5 905 774.0	Down	Shingle pioneer community plant. Sea sandwort (<i>Honckenya peploides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:20:13	5277	200145_WC_900	461 934.2	5 905 774.0	Down	Shingle pioneer community plant. Sea sandwort (<i>Honckenya peploides</i>)
20/08/2020	10:20:40	5278	200145_WC_901	461 928.3	5 905 770.7	Down	Shingle pioneer community
20/08/2020	10:22:14	5279	200145_WC_902	461 925.2	5 905 768.2	S	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:22:47	5280	Field Note	461 921.3	5 905 767.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:23:02	5281	200145_WC_903	461 918.8	5 905 767.3	Down	Shingle pioneer community plant. Sea sandwort (<i>Honckenya peploides</i>)
20/08/2020	10:23:02	5281	200145_WC_904	461 918.8	5 905 767.3	Down	Shingle pioneer community plant. Sea sandwort (<i>Honckenya peploides</i>)
20/08/2020	10:24:04	5282	Field Note	461 917.8	5 905 764.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:24:13	5283	Field Note	461 910.9	5 905 761.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:24:22	5284	Field Note	461 906.0	5 905 758.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:24:30	5285	Field Note	461 901.2	5 905 756.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:24:40	5286	Field Note	461 897.3	5 905 754.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:25:00	5287	200145_WC_905	461 895.3	5 905 754.7	W	Along seawall. Lichens/Shingle pioneer community
20/08/2020	10:25:00	5287	200145_WC_906	461 895.3	5 905 754.7	E	Along seawall. Lichens/Shingle pioneer community
20/08/2020	10:26:10	5288	Field Note	461 888.7	5 905 753.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:26:25	5289	Field Note	461 885.5	5 905 753.1	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:26:33	5290	200145_WC_994	461 880.7	5 905 752.0	S	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:26:33	5290	200145_WC_995	461 880.7	5 905 752.0	Down	Shingle pioneer community
20/08/2020	10:27:34	5291	Field Note	461 880.8	5 905 749.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:27:42	5292	Field Note	461 873.7	5 905 748.0	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:27:50	5293	200145_WC_996	461 869.5	5 905 745.3	Down	Shingle pioneer community
20/08/2020	10:27:50	5293	200145_WC_997	461 869.5	5 905 745.3	S	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:28:53	5294	Field Note	461 863.4	5 905 742.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:29:01	5295	Field Note	461 862.0	5 905 740.2	-	Seawall. Lichens/Shingle pioneer community

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:29:10	5296	200145_WC_998	461 858.6	5 905 739.8	W	Along shingle pioneer community
20/08/2020	10:29:10	5296	200145_WC_999	461 858.6	5 905 739.8	Down	Shingle pioneer community
20/08/2020	10:30:19	5297	Field Note	461 856.7	5 905 742.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:30:26	5298	Field Note	461 851.0	5 905 738.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:30:34	5299	Field Note	461 844.8	5 905 736.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:30:42	5300	Field Note	461 840.4	5 905 734.1	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:30:50	5301	Field Note	461 835.9	5 905 732.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:30:58	5302	Field Note	461 832.0	5 905 730.7	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:31:05	5303	Field Note	461 827.7	5 905 729.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:31:12	5304	Field Note	461 823.7	5 905 727.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:31:20	5305	Field Note	461 818.2	5 905 727.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:31:28	5306	Field Note	461 812.1	5 905 726.0	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:31:38	5307	Field Note	461 806.3	5 905 724.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:31:47	5308	Field Note	461 800.0	5 905 722.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:32:01	5309	200145_WC_907	461 792.9	5 905 718.2	E	Along shingle pioneer community
20/08/2020	10:33:13	5310	200145_WC_908	461 790.1	5 905 724.0	W	Along seawall. Lichens
20/08/2020	10:33:50	5311	Field Note	461 787.2	5 905 720.1	-	Seawall. Lichens
20/08/2020	10:33:59	5312	Field Note	461 780.4	5 905 716.2	-	Seawall. Lichens
20/08/2020	10:34:08	5313	Field Note	461 774.4	5 905 714.4	-	Seawall. Lichens
20/08/2020	10:34:16	5314	Field Note	461 768.6	5 905 711.6	-	Seawall. Lichens
20/08/2020	10:34:24	5315	Field Note	461 763.7	5 905 708.7	-	Seawall. Lichens
20/08/2020	10:34:33	5316	Field Note	461 758.5	5 905 704.6	-	Seawall. Lichens
20/08/2020	10:34:43	5317	200145_WC_909	461 753.0	5 905 699.8	W	Along seawall. Lichens to car impacted area/Shingle pioneer community

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:34:50	5318	Field Note	461 749.6	5 905 696.1	-	Seawall. Lichens
20/08/2020	10:36:21	5319	Field Note	461 745.2	5 905 692.3	-	Seawall. Lichens
20/08/2020	10:36:37	5320	Field Note	461 740.1	5 905 683.4	-	Seawall. Lichens
20/08/2020	10:37:05	5321	Field Note	461 744.5	5 905 691.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:37:47	5322	Field Note	461 738.7	5 905 687.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:38:04	5323	Field Note	461 733.7	5 905 683.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:38:12	5324	Field Note	461 731.8	5 905 680.8	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:38:20	5325	Field Note	461 730.4	5 905 676.8	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:38:26	5326	200145_WC_910	461 731.6	5 905 676.4	E	Along seawall from top of ramp. Lichens/Shingle pioneering community
20/08/2020	10:38:26	5326	200145_WC_911	461 731.6	5 905 676.4	E	Down ramp. Lichens/Shingle pioneering community
20/08/2020	10:39:53	5327	200145_WC_912	461 734.9	5 905 683.3	W	Along shingle pioneer community
20/08/2020	10:40:09	5328	200145_WC_913	461 732.1	5 905 683.1	Down	Shingle pioneer community
20/08/2020	10:41:28	5329	Field Note	461 725.9	5 905 684.3	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:41:37	5330	Field Note	461 718.2	5 905 681.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:41:48	5331	Field Note	461 710.7	5 905 678.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:41:59	5332	200145_WC_914	461 704.6	5 905 676.2	S	Grassland
20/08/2020	10:48:31	5333	Field Note	461 700.2	5 905 674.1	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:48:50	5334	Field Note	461 695.5	5 905 670.0	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:49:00	5335	Field Note	461 688.1	5 905 667.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:49:08	5336	Field Note	461 682.8	5 905 664.1	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:49:16	5337	Field Note	461 676.4	5 905 660.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:49:24	5338	Field Note	461 669.2	5 905 658.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:49:33	5339	Field Note	461 662.3	5 905 655.1	-	Seawall. Lichens/Shingle pioneer community

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:49:40	5340	Field Note	461 655.5	5 905 650.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:49:48	5341	Field Note	461 648.3	5 905 648.8	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:49:56	5342	Field Note	461 641.2	5 905 645.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:50:04	5343	Field Note	461 633.9	5 905 643.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:50:14	5344	Field Note	461 624.7	5 905 640.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:50:23	5345	Field Note	461 617.0	5 905 636.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:50:32	5346	Field Note	461 609.8	5 905 633.5	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:50:40	5347	Field Note	461 602.3	5 905 628.9	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:50:46	5348	Field Note	461 598.7	5 905 627.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:50:55	5349	Field Note	461 592.5	5 905 623.1	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:51:06	5350	Field Note	461 583.2	5 905 617.8	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:51:17	5351	Target Note	461 578.8	5 905 612.2	-	Platform: access to shore
20/08/2020	10:51:17	5351	200145_WC_915	461 578.8	5 905 612.2	E	Shingle pioneer community below access ramp
20/08/2020	10:51:17	5351	200145_WC_916	461 578.8	5 905 612.2	W	Along seawall. Lichens/Shingle pioneer community plant. Car parking on shore
20/08/2020	10:52:22	5352	Field Note	461 579.1	5 905 612.7	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:52:30	5353	Field Note	461 574.0	5 905 610.6	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:52:37	5354	Field Note	461 568.3	5 905 609.7	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:52:43	5355	Field Note	461 559.9	5 905 605.2	-	Seawall. Lichens/Shingle pioneer community
20/08/2020	10:52:50	5356	Target Note	461 554.9	5 905 602.5	-	Anthropogenic debris (remains of bonfire)
20/08/2020	10:52:50	5356	200145_WC_917	461 554.9	5 905 602.5	S	Anthropogenic debris (remains of bonfire)
20/08/2020	10:54:05	5357	Field Note	461 551.9	5 905 601.6	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:54:13	5358	Field Note	461 543.2	5 905 599.4	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:54:22	5359	Field Note	461 536.6	5 905 596.9	-	Shingle pioneer community on shingles/Wall with grey lichens

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:54:36	5360	Field Note	461 529.9	5 905 593.9	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:54:48	5361	Field Note	461 520.8	5 905 590.8	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:55:00	5362	Field Note	461 510.9	5 905 585.5	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:55:13	5363	Field Note	461 499.9	5 905 580.2	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:55:26	5364	Field Note	461 487.9	5 905 575.9	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:55:39	5365	Field Note	461 476.8	5 905 571.7	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:55:50	5366	Field Note	461 466.0	5 905 566.8	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:56:01	5367	Field Note	461 455.4	5 905 562.0	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:56:12	5368	Field Note	461 443.7	5 905 557.9	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:56:24	5369	Field Note	461 434.6	5 905 554.1	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:56:36	5370	Field Note	461 430.0	5 905 552.0	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:56:49	5371	Field Note	461 421.0	5 905 547.9	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:57:01	5372	Field Note	461 411.0	5 905 544.3	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:57:14	5373	Field Note	461 399.5	5 905 540.3	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:57:30	5374	Field Note	461 391.2	5 905 535.3	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:57:40	5375	Field Note	461 382.4	5 905 532.0	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:57:56	5376	Field Note	461 368.0	5 905 526.2	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:58:09	5377	Field Note	461 355.6	5 905 520.8	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:58:20	5378	Field Note	461 345.6	5 905 515.3	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:58:34	5379	Field Note	461 333.7	5 905 513.0	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:58:51	5380	Field Note	461 321.7	5 905 506.2	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:59:08	5381	Field Note	461 313.3	5 905 503.7	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	10:59:27	5382	Field Note	461 304.7	5 905 498.4	-	Shingle pioneer community on shingles/Wall with grey lichens

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	10:59:27	5382	200145_WC_918	461 304.7	5 905 498.4	E	Along shingle pioneer community at base of seawall
20/08/2020	10:59:38	5383	Target Note	461 294.8	5 905 495.1	-	Entrance car parking
20/08/2020	11:01:15	5384	Target Note	461 296.8	5 905 502.1	-	Car parking entrance. Start of Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:01:15	5384	200145_WC_919	461 296.8	5 905 502.1	W	Car parking entrance. Along shingle pioneer community plants (restarts)/Seawall. Grey lichens
20/08/2020	11:01:37	5385	Field Note	461 296.1	5 905 505.4	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:01:45	5386	Field Note	461 290.5	5 905 507.2	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:02:24	5387	Field Note	461 281.0	5 905 504.1	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:02:32	5388	Field Note	461 276.6	5 905 502.7	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:02:43	5389	Field Note	461 266.8	5 905 497.3	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:02:55	5390	Field Note	461 261.1	5 905 497.0	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:03:04	5391	200145_WC_920	461 254.0	5 905 495.7	S	Shingle pioneer community/Seawall
20/08/2020	11:03:59	5392	Field Note	461 247.3	5 905 492.1	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:04:10	5393	Field Note	461 238.8	5 905 493.3	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:04:20	5394	Field Note	461 229.7	5 905 490.5	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:04:28	5395	200145_WC_921	461 222.7	5 905 490.3	S	Shingle pioneer community/Seawall. Grey lichens. Anthropogenic debris
20/08/2020	11:05:08	5396	Field Note	461 218.2	5 905 487.9	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:05:16	5397	Field Note	461 211.1	5 905 488.7	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:05:25	5398	Field Note	461 202.9	5 905 487.5	-	Shingle pioneer community on shingles/Wall with grey lichens
20/08/2020	11:05:35	5399	200145_WC_922	461 194.2	5 905 484.4	S	Shingle pioneer community/Seawall. Grey lichens. Anthropogenic debris
20/08/2020	11:05:35	5399	200145_WC_923	461 194.2	5 905 484.4	Down	Shingle pioneer community plant. Burdock
20/08/2020	11:06:25	5400	Line	461 186.0	5 905 482.5	-	Shingle pioneer community on shingles
20/08/2020	11:06:45	5401	Line	461 169.7	5 905 478.4	-	Shingle pioneer community on shingles

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	11:06:57	5402	Line	461 158.7	5 905 474.4	-	Shingle pioneer community on shingles
20/08/2020	11:07:07	5403	Line	461 153.2	5 905 476.7	-	Shingle pioneer community on shingles
20/08/2020	11:07:07	5403	200145_WC_924	461 153.2	5 905 476.7	W	Along shingle pioneer community
20/08/2020	11:08:00	5404	Line	461 148.8	5 905 483.1	-	Shingle pioneer community on shingles
20/08/2020	11:08:14	5405	Line	461 144.5	5 905 481.2	-	Shingle pioneer community on shingles
20/08/2020	11:08:27	5406	Line	461 133.9	5 905 474.1	-	Shingle pioneer community on shingles
20/08/2020	11:08:43	5407	Line	461 121.5	5 905 474.1	-	Shingle pioneer community on shingles
20/08/2020	11:08:55	5408	Line	461 112.3	5 905 469.7	-	Shingle pioneer community on shingles
20/08/2020	11:09:17	5409	Line	461 096.3	5 905 462.7	-	Shingle pioneer community on shingles
20/08/2020	11:09:30	5410	Line	461 087.4	5 905 459.0	-	Shingle pioneer community plants on shingles: Shore Dock (<i>Rumex rupestris</i>), Common Restharrow (<i>Ononis repens</i>), Sea holly (<i>Eryngium</i> sp.)
20/08/2020	11:09:30	5410	200145_WC_925	461 087.4	5 905 459.0	W	Along shingle pioneer community. Shore Dock (<i>Rumex rupestris</i>), Common Restharrow (<i>Ononis repens</i>), Sea holly (<i>Eryngium</i> sp.)
20/08/2020	11:09:30	5410	200145_WC_926	461 087.4	5 905 459.0	Down	Shingle pioneer community plant. Shore Dock (<i>Rumex rupestris</i>), Common Restharrow (<i>Ononis repens</i>), Sea holly (<i>Eryngium</i> sp.)
20/08/2020	11:10:30	5411	Line	461 077.4	5 905 453.9	-	Shingle pioneer community on shingles
20/08/2020	11:10:42	5412	Line	461 068.7	5 905 453.0	-	Shingle pioneer community on shingles
20/08/2020	11:10:52	5413	Line	461 061.9	5 905 450.2	-	Shingle pioneer community on shingles
20/08/2020	11:11:03	5414	Line	461 052.4	5 905 446.8	-	Shingle pioneer community on shingles
20/08/2020	11:11:09	5415	Line	461 048.8	5 905 448.5	-	Shingle pioneer community on shingles
20/08/2020	11:11:22	5416	Line	461 041.7	5 905 441.7	-	Shingle pioneer community on shingles
20/08/2020	11:11:32	5417	Line	461 033.9	5 905 438.7	-	Shingle pioneer community on shingles
20/08/2020	15:52:17	3477	Target Note	461 778.7	5 905 798.4	-	Anthropogenic: Pipe
20/08/2020	15:52:17	3477	200145_WC_927	461 778.7	5 905 798.4	N	Top of emergent metal pipe. Barnacles (<i>Semibalanus balanoides</i>)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	15:56:02	3478	Field Note	461 850.1	5 905 961.5	-	Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	15:56:02	3478	200145_WC_928	461 850.1	5 905 961.5	N	Down sand to sea - tide outgoing
20/08/2020	15:56:02	3478	200145_WC_929	461 850.1	5 905 961.5	E	Along sand
20/08/2020	15:56:02	3478	200145_WC_930	461 850.1	5 905 961.5	S	Up sand
20/08/2020	15:56:02	3478	200145_WC_931	461 850.1	5 905 961.5	W	Along sand, across 2 metal outflow pipes
20/08/2020	15:57:12	3479	200145_WC_932	461 853.9	5 905 926.1	N	Down sand to sea. Worm casts (<i>Arenicola</i> sp.) - tide outgoing
20/08/2020	15:57:12	3479	200145_WC_933	461 853.9	5 905 926.1	E	Along Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	15:57:12	3479	200145_WC_934	461 853.9	5 905 926.1	S	Up Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	15:57:12	3479	200145_WC_935	461 853.9	5 905 926.1	W	Along sand, across 2 metal outflow pipes. Worm casts (<i>Arenicola</i> sp.)
20/08/2020	15:58:33	3480	Line	461 847.7	5 905 899.6	-	Muddy sand patch
20/08/2020	15:58:41	3481	Line	461 847.7	5 905 893.3	-	Muddy sand patch
20/08/2020	15:58:56	3482	Line	461 854.1	5 905 894.1	-	Muddy sand patch
20/08/2020	15:58:56	3482	200145_WC_936	461 854.1	5 905 894.1	Down	Muddy sand
20/08/2020	15:58:56	3482	200145_WC_937	461 854.1	5 905 894.1	Down	Muddy sand
20/08/2020	15:59:03	3483	Line	461 856.2	5 905 890.3	-	?Muddy sand patch
20/08/2020	15:59:09	3484	Line	461 853.5	5 905 889.6	-	?Muddy sand patch
20/08/2020	15:59:14	3485	Line	461 850.5	5 905 888.5	-	?Muddy sand patch
20/08/2020	15:59:21	3486	Line	461 847.5	5 905 884.8	-	?Muddy sand patch
20/08/2020	15:59:27	3487	Line	461 844.5	5 905 884.0	-	?Muddy sand patch
20/08/2020	15:59:33	3488	Line	461 841.0	5 905 882.8	-	?Muddy sand patch
20/08/2020	15:59:41	3489	Line	461 840.4	5 905 879.0	-	?Muddy sand patch
20/08/2020	15:59:53	3490	Line	461 839.6	5 905 888.8	-	?Muddy sand patch
20/08/2020	16:00:27	3491	Line	461 842.0	5 905 907.4	-	?Muddy sand patch

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:02:14	3492	Line	461 838.3	5 905 876.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:02:14	3492	200145_WC_938	461 838.3	5 905 876.7	E	Along coarse (sand, pebbles - bottom)
20/08/2020	16:02:14	3492	200145_WC_939	461 838.3	5 905 876.7	Down	Coarse (sand, pebbles)
20/08/2020	16:03:42	3493	Line	461 844.6	5 905 881.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:03:47	3494	Line	461 844.1	5 905 883.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:03:54	3495	Line	461 848.8	5 905 886.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:04:02	3496	Line	461 852.1	5 905 888.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:04:10	3497	Line	461 857.1	5 905 891.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:04:19	3498	Line	461 861.5	5 905 894.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:04:25	3499	Line	461 864.8	5 905 896.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:04:32	3500	Line	461 869.4	5 905 899.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:04:39	3501	Line	461 874.3	5 905 901.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:04:47	3502	Line	461 879.2	5 905 903.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:04:55	3503	Line	461 885.3	5 905 907.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:05:02	3504	Line	461 890.1	5 905 910.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:05:11	3505	Line	461 894.0	5 905 911.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:05:35	3506	Line	461 899.9	5 905 911.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:05:35	3506	200145_WC_940	461 899.9	5 905 911.5	W	Along coarse (sand, pebbles - bottom)
20/08/2020	16:06:21	3507	Line	461 905.1	5 905 912.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:06:35	3508	Line	461 909.7	5 905 917.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:06:43	3509	Line	461 916.8	5 905 920.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:06:50	3510	Line	461 922.9	5 905 922.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:07:00	3511	Line	461 930.1	5 905 925.3	-	Coarse (sand, pebbles, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:07:09	3512	Line	461 938.0	5 905 927.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:07:20	3513	Line	461 946.6	5 905 931.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:07:41	3514	Line	461 954.0	5 905 932.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:07:41	3514	200145_WC_941	461 954.0	5 905 932.9	Down	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:07:41	3514	200145_WC_942	461 954.0	5 905 932.9	W	Along coarse (sand, pebbles - bottom)
20/08/2020	16:07:41	3514	200145_WC_943	461 954.0	5 905 932.9	E	Along coarse (sand, pebbles - bottom)
20/08/2020	16:09:07	3515	Line	461 957.4	5 905 933.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:09:15	3516	Line	461 961.9	5 905 937.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:09:25	3517	Line	461 970.9	5 905 942.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:09:36	3518	Line	461 979.5	5 905 945.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:09:45	3519	Line	461 983.6	5 905 947.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:12:22	3520	Line	461 990.0	5 905 949.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:12:35	3521	Line	462 001.7	5 905 953.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:12:45	3522	Line	462 009.2	5 905 958.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:12:54	3523	Line	462 015.4	5 905 959.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:13:07	3524	Line	462 026.5	5 905 966.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:13:20	3525	Line	462 036.6	5 905 968.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:13:32	3526	Line	462 046.7	5 905 975.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:13:42	3527	Line	462 053.2	5 905 977.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:13:42	3527	200145_WC_944	462 053.2	5 905 977.6	Down	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:14:39	3528	Line	462 057.6	5 905 977.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:14:48	3529	Line	462 065.1	5 905 984.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:14:57	3530	Line	462 072.6	5 905 987.8	-	Coarse (sand, pebbles, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	16:15:06	3531	Line	462 081.9	5 905 991.9	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:15:19	3532	Line	462 093.4	5 905 997.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:15:28	3533	Line	462 091.7	5 906 002.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:15:38	3534	Line	462 097.6	5 905 997.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:16:47	3535	Target Note	462 109.0	5 906 004.3	-	Water outflow/Sand with worm casts (<i>Arenicola</i> sp.)
20/08/2020	16:16:47	3535	200145_WC_945	462 109.0	5 906 004.3	S	Up sand and water outflow
20/08/2020	16:16:47	3535	200145_WC_946	462 109.0	5 906 004.3	W	Along sand
20/08/2020	16:16:47	3535	200145_WC_947	462 109.0	5 906 004.3	N	Down sand (outflow) to sea
20/08/2020	16:16:47	3535	200145_WC_948	462 109.0	5 906 004.3	E	Along sand
20/08/2020	16:18:13	3536	Line	462 116.7	5 906 003.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:18:41	3537	Line	462 121.2	5 906 007.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:18:53	3538	Line	462 132.9	5 906 012.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	16:19:03	3539	Line	462 141.3	5 906 016.5	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:26:49	3810	200145_WC_1000	461 998.7	5 906 120.5	N	Down to sea
20/08/2020	18:26:49	3810	200145_WC_1001	461 998.7	5 906 120.5	E	Along sand (drift strip of pebbles/shell fragments)
20/08/2020	18:26:49	3810	200145_WC_1002	461 998.7	5 906 120.5	S	Up sand
20/08/2020	18:26:49	3810	200145_WC_1004	461 998.7	5 906 120.5	W	Along sand (drift strip of pebbles/shell fragments)
20/08/2020	18:28:14	3811	200145_WC_1004	461 963.9	5 906 103.9	N	Down to sea
20/08/2020	18:28:14	3811	200145_WC_1005	461 963.9	5 906 103.9	E	Along sand (drift strip of pebbles/shell fragments ~2 m wide)
20/08/2020	18:28:14	3811	200145_WC_1006	461 963.9	5 906 103.9	S	Up sand
20/08/2020	18:28:14	3811	200145_WC_1007	461 963.9	5 906 103.9	W	Along sand (drift strip of pebbles/shell fragments ~2 m wide) towards metal outflow pipes
20/08/2020	18:28:46	3812	Field Note	461 933.4	5 906 090.1	-	Sand/Coarse strip boundary
20/08/2020	18:29:12	3813	Field Note	461 899.3	5 906 078.4	-	Sand/Coarse strip boundary

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:29:41	3814	Field Note	461 865.5	5 906 068.4	-	Sand/Coarse strip boundary
20/08/2020	18:30:58	3815	Field Note	461 836.5	5 906 060.1	-	Bottom of metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	18:30:58	3815	200145_WC_1008	461 836.5	5 906 060.1	S	Up metal outflow pipe 2. Barnacles (<i>Semibalanus balanoides</i>), mussels (<i>Mytilus edulis</i>), green ephemerals (<i>Ulva ?intestinalis</i>)
20/08/2020	18:30:58	3815	200145_WC_1009	461 836.5	5 906 060.1	N	Down to sea
20/08/2020	18:30:58	3815	200145_WC_1010	461 836.5	5 906 060.1	E	Along sand (drift strip of pebbles/shell fragments)
20/08/2020	18:30:58	3815	200145_WC_1011	461 836.5	5 906 060.1	W	Along sand (drift strip of pebbles/shell fragments)
20/08/2020	18:37:32	3816	Line	461 838.8	5 905 871.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:37:32	3816	200145_WC_1012	461 838.8	5 905 871.0	E	Coarse (sand, pebbles, shell fragments) - top
20/08/2020	18:38:49	3817	Line	461 844.9	5 905 873.2	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:39:00	3818	Line	461 855.2	5 905 880.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:39:12	3819	Line	461 869.0	5 905 889.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:39:23	3820	Line	461 880.7	5 905 894.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:39:34	3821	Line	461 890.3	5 905 902.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:39:48	3822	Line	461 905.6	5 905 909.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:40:02	3823	Line	461 920.1	5 905 914.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:40:11	3824	Line	461 929.0	5 905 918.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:40:24	3825	Line	461 944.8	5 905 922.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:40:34	3826	Line	461 955.1	5 905 928.8	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:40:45	3827	Line	461 966.4	5 905 932.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:40:53	3828	Line	461 974.0	5 905 934.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:41:03	3829	Line	461 981.3	5 905 942.2	-	Coarse (sand, pebbles, shell fragments)

Geodetic Parameters: WGS84 UTM Zone 30N, CM 3° W [m]							
Date	Time	Fix No.	Sample Type/Rep	Easting	Northing	Direction	Description
20/08/2020	18:41:13	3830	Line	461 990.2	5 905 945.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:41:25	3831	Line	462 002.4	5 905 948.0	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:41:39	3832	Line	462 018.4	5 905 957.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:41:51	3833	Line	462 030.4	5 905 964.4	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:42:01	3834	Line	462 040.1	5 905 967.7	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:42:14	3835	Line	462 054.3	5 905 973.3	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:42:26	3836	Line	462 066.4	5 905 979.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:42:40	3837	Line	462 083.1	5 905 986.1	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:42:56	3838	Line	462 096.7	5 905 996.6	-	Coarse (sand, pebbles, shell fragments)
20/08/2020	18:43:28	3839	Target Note	462 109.6	5 906 005.3	-	Water flow: Sand (coarse washed away)
20/08/2020	18:43:28	3839	200145_WC_1013	462 109.6	5 906 005.3	S	Up sand and water outflow
20/08/2020	18:44:20	3840	Line	462 116.1	5 906 007.8	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:44:31	3841	Line	462 127.4	5 906 010.6	-	Coarse (sand, pebbles) - sparse
20/08/2020	18:44:40	3842	Line	462 133.8	5 906 012.6	-	Coarse (sand, pebbles) - sparse



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