

The Geological Heritage of Kildare

by Matthew Parkes and Aaron Sheehan-Clarke

September 2005



The Geological Heritage of Kildare

An audit of County Geological Sites in Kildare

by **Matthew Parkes** and **Aaron Sheehan-Clarke**
September 2005

Irish Geological Heritage Programme
Geological Survey of Ireland
Beggars Bush
Haddington Road
Dublin 4

01-6782858
matthewparkes@gsi.ie

The Kildare Geological Heritage Project was supported by



This report is an action of the County Kildare Heritage Plan 2003 – 2007

Contents

Section 1 – Main Report

| | |
|---|----|
| Contents | 2 |
| Report Summary | 5 |
| Kildare in the context of Irish Geological Heritage | 6 |
| Geological conservation issues and site management | 9 |
| Proposals and ideas for promotion of geological heritage in Kildare | 12 |
| A summary of the geology of Kildare | 15 |
| Glossary of geological terms | 26 |
| Data sources on the geology of County Kildare | 29 |
| Shortlist of Key Geological References | 32 |
| Further sources of information and contacts | 33 |
| Acknowledgements | 33 |

Section 2

County Geological Sites – spreadsheet of sites

Section 3 - Site Reports

County Geological Site reports – general points

IGH 1 Karst

Site Name - None

IGH 2 Precambrian to Devonian Palaeontology

Site Name

The Chair of Kildare

Dunmurry Hill

IGH 3 Carboniferous to Pliocene Palaeontology

Site Name - None

IGH 4 Cambrian-Silurian

Site name

The Chair of Kildare (see IGH2)

Dunmurry Hill (see IGH2)

The Hill of Allen

Slate Quarries

IGH 5 Precambrian

Site Name - None

IGH 6 Mineralogy

Site Name - None

IGH 7 Quaternary

Site Name

Ballysax

Glending

Moorhill
Pollardstown Fen
The Curragh

IGH 8 Lower Carboniferous

Site Name

Ballykane Hill
Carbury Castle
Carrick Hill

IGH 9 Upper Carboniferous and Permian

Site Name - None

IGH 10 Devonian

Site Name - None

IGH 11 Igneous intrusions

Site Name - None

IGH 12 Mesozoic and Cenozoic

Site Name - None

IGH 13 Coastal Geomorphology

Site Name - None

IGH 14 Fluvial and Lacustrine Geomorphology

Site Name

Liffey Oxbow
Liffey Valley

IGH 15 Economic Geology

None

IGH 16 Hydrogeology

Site Name

Kilbrook Spring
Louisa Bridge Cold Spring
Louisa Bridge Warm Spring
Pollardstown Fen (See IGH7)
St. Bridget's Well
St. Patrick's Well 1
St. Patrick's Well 2
St. Peter's Well
Rathcore Spring

Section 4 - Appendices

Appendix 1

Files relating to County Kildare on the GSI Document Management System

Appendix 2

Prospecting Licence Open File data relating to County Kildare

Appendix 3

Geotechnical reports in the GSI database relating to County Kildare

Appendix 4

Locations of County Kildare Museum geological collections

Appendix 5

Detailed geological map of Kildare

Appendix 6

Full bibliography of Kildare geology

Appendix 7

Geological Heritage of Kildare exhibition panels

Report Summary

County Kildare is a place with a subtle but distinctive landscape compared to parts of western Ireland or adjoining Wicklow for example. The bedrock foundation, with hundreds of millions of years in the formation and shaping, and the more recent history of geomorphological processes such as river channels and glaciers are what has created that underlying geodiversity. Geological understanding and interpretation is best done on the ground at sites where the rocks and landforms are displayed. County Kildare has a range of such natural and man-made sites.

This report documents what are currently understood to be the most important geological sites within Kildare by the Irish Geological Heritage Programme of the Geological Survey of Ireland. It proposes them as County Geological Sites, for inclusion within the Kildare County Development Plan. County Geological Sites do not receive statutory protection like Natural Heritage Areas (NHA) but receive an effective protection from their inclusion in the planning system. However, a selection of the sites described in this report are considered to be of national importance as best representative examples of particular geological formations or features. They either have been, or will be, formally proposed by the Geological Survey of Ireland, for designation as NHAs by the National Parks and Wildlife Service after due survey and consultation with landowners. However, some of these sites fall within existing NHAs and SACs where the ecological interest is founded upon the underlying geodiversity. The commission of this report, and adoption of the sites within the County Development Plan places Kildare at the forefront of geological conservation in Ireland.

The report also documents a wide variety of geological data sources providing information about Kildare. It has a simple geological history of the county, with maps, charts and a glossary that make the information accessible to those who have not had any formal geological training.

This report is written in non-technical language (with a glossary for unavoidable geological terminology) and structured as a working document for use by the Heritage Officer and the Planning department of Kildare County Council. It is not primarily intended for publication for the people of Kildare as it stands. A chapter of the report includes recommendations on how to best present and promote the geological heritage of Kildare to the people of Kildare. However the preliminary sections, summary geological history and accompanying map, timescale and stratigraphical column may be used as they stand to preface a booklet or as website information in the development of this work and for information.

Kildare in the context of Irish Geological Heritage

This report places Kildare in the very forefront of geological heritage within Ireland, as it is only the fourth county to commission such an audit within the scope of the Heritage Plan. It will hopefully act as a model and an inspiration for other councils to follow. It represents a significant commitment on the part of the Local Authority to fulfil its obligations to incorporate geology into the spectrum of responsibilities under the Heritage Act 1995, the Planning and Development Act 2000, Planning and Development Regulations 2001, and the Wildlife (Amendment) Act, 2000 and the National Heritage Plan (2002). The Geological Survey of Ireland views partnerships with the local authorities, such as this report, as a very important element of its strategy on geological heritage.

The Irish Geological Heritage Programme (IGH) in the Geological Survey of Ireland (GSI) complements other nature conservation efforts of the last decade, by assessing Ireland's geodiversity, which is the foundation of the biodiversity addressed under European Directives on habitats and species by the designations of Special Areas of Conservation (SAC) and more recently on a national scale by the introduction of Natural Heritage Areas (NHA) as the national nature conservation method through the Wildlife (Amendment) Act 2000. As a targeted conservation measure to protect the very best of Irish geology and geomorphology it fills a void which has been there since the abandonment of the Areas of Scientific Interest scheme, listed by An Foras Forbartha in 1981.

The IGH Programme does this by identifying and selecting the most important geological sites nationally for designation as NHAs. It looks at the whole of Irish geology and geomorphology under 16 different themes. A fundamental approach is that only the minimum number of sites necessary to demonstrate the particular geological theme is selected. This means that our first criterion is to identify the best national representative example of each feature or major sequence, and secondly any unique or exceptional sites. The third criterion, of any sites of International importance, is nearly always covered by the other two.

IGH THEMES

1. Karst
2. Precambrian to Devonian Palaeontology
3. Carboniferous to Pliocene Palaeontology
4. Cambrian-Silurian
5. Precambrian
6. Mineralogy
7. Quaternary
8. Lower Carboniferous
9. Upper Carboniferous and Permian
10. Devonian
11. Igneous intrusions
12. Mesozoic and Cenozoic
13. Coastal geomorphology
14. Fluvial and lacustrine geomorphology
15. Economic geology
16. Hydrogeology

Designation of geological NHAs is by the partners in the Programme, the National Parks and Wildlife Service (NPWS – formerly a part of Dúchas) in the Department of Environment, Heritage and Local Government. Once designated any geological NHAs will be subject to normal statutory process within the Kildare Planning Department and other relevant divisions. However, management issues for geological sites are generally less, and different from many ecological designations. A later chapter considers these issues.

As a result of extensive comparison of similar sites to establish which is the best, we have a good picture of many other sites, which are not the chosen best example, but may still be of National importance. Others may be of more local importance or of particular value as educational sites or as a public amenity. It is also these other sites that are proposed here for CGS listing in the County Development Plan, along with the clear NHA selections.

At the time of writing this report, candidate sites have been established by Expert Panels for all the 16 themes, and the indicative site lists have been finalised. For three themes, the entire process has been essentially completed and detailed site reports and boundary surveys have been done along with a Theme Report. A small number of the sites documented here are already selected and proposed for NHA designation, but due to various factors, they have not been formally designated yet. Members of the Expert Panels for each theme are too numerous to list here but the information is available in GSI's Annual Report for 2003 and on the Heritage Programme's pages on the website (www.gsi.ie).

The procedure for identifying and assessing sites has developed as the whole Irish Geological Heritage Programme has got established. Early thematic reports on Karst, Precambrian to Devonian Palaeontology and Carboniferous to Pliocene Palaeontology (IGH1, IGH2 and IGH3) were done in their entirety, with contractors or by Matthew Parkes. The Expert Panels met to decide which sites should be assessed and prioritised, with site reports and fieldwork being done following that to allow a basis for selection of the most important for NHA designation.

However, due to lessons learnt in establishing the methodology, and because of urgent demands for information on sites from many quarters, the approach has evolved. All Expert Panels have concluded their preliminary selection of candidate sites so that we now have a picture of the full range of sites to be examined nationally as candidate NHAs or County Geological Sites. This is also valuable because sites which have scientific importance under more than one theme can be properly defined in an integrated way. It is hoped that these candidate site lists and location maps will be available on the GSI website later in 2005.

Commissioned desk study site reports from members of the Expert Panels will then be followed by field site reporting by IGH Programme staff, including boundary surveys if the sites are suitable. After this stage the Expert Panels will then review sites to make the final selection for NHA status. Any suitable site may be promoted with a local authority as a County Geological Site,

whether or not it goes forward as an NHA at a later stage after full assessment.

The sites proposed here as County Geological Sites (CGS) have been visited and assessed specifically for this project, and represent our current state of knowledge. It does not exclude other sites being identified later, or directly promoted by the Council itself, or by local communities wishing to draw attention to important sites for amenity or education with an intrinsic geological interest.

Geological conservation issues and site management

Since **geodiversity is the often forgotten foundation for much of the biodiversity** which has been identified for conservation through SAC or NHA designation it is unsurprising that many of the most important geological sites are actually the same areas. In these areas, the geological case enhances and cements the value of these sites for nature conservation, but requires no additional designation of actual land areas. In Kildare, the Curragh and Pollardstown Fen are such cases.

There tend to be two broad types of site identified by the IGH Programme. Most geological sites tend to be small and discrete. They may be old quarries, natural exposures on hilly ground, coastal cliff sections, or other natural exposures, such as the Chair of Kildare, Ballykane Hill, Carrick Hill or Carbery Castle. They usually have a specific interest such as fossils, minerals or are a representative section of a particular stratigraphical sequence of rocks. **The other type of site tends to be larger areas that represent a geomorphological interest – landscapes that illustrate processes which formed them.** In Kildare, the whole landscape is largely dominated by deposits of glacial origin and large areas such as the Curragh present issues in how to best encompass the geomorphological interest.

It is also important from a geological conservation perspective that planners understand the landscape importance of geomorphological features which may not in themselves warrant any formal site designation, but which are an integral part of the character of Kildare. A lack of awareness in the past, has led to the loss of important geological sites and local character, throughout the country. The **Landscape Characterisation** process, recently undertaken by Kildare County Council, includes these broad scale features and hopefully will provide a tool to help future planning decisions maintain the integrity of the County.

There are big contrasts in the management requirements for geological sites in contrast to biological sites. Most geology is actually quite robust and generally few restrictions are required in order to protect the scientific interest. In some cases, paradoxically, the geological interest may even be served better by a development exposing more rock. **The important thing is for the sites to be known about in the planning department, and more generally, so that consultation can take place if some development or change in land use is proposed for a site.** In this way, geologists may get the opportunity to learn more about a site or area by recording and sample collection of temporary exposures, or influence the design so that access to exposures of rock is maintained for the future, or prevent completely inappropriate developments through a strong scientific case.

In Kildare, as in some other counties, working quarries may be considered as CGS or NHAs simply because they are the best representative sections available of entire sequences, in areas where exposure is otherwise poor. No restriction would be sought on the legitimate operation of these quarries. However, for hard rock quarries, maintenance of exposure after quarry

closure would be sought with the operator and planning authority in such a case. In sand and gravel pits faces tend to degrade and vegetate once abandoned, but active management of a site can maintain access to the scientific interest once the pit has stopped working, if the site merits it.

Specific sites may require restrictions and a typical case might be at an important fossil locality or a rare mineral locality, where a permit system may be required for genuine research, but the general opportunity for collecting may need to be stopped. However, Kildare's palaeontological sites are not likely to require such an approach, being slow to yield their fauna without very hard work by a palaeontologist.

New exposures in development

One less obvious area where the Local Authority can play a key role in the promotion and protection of geology is in the case of new roadways. **Wherever new carriageways are built**, or in other major infrastructural work, it should be a policy within the Planning Department that **where new rock exposures are created, that they be left open and exposed** unless geotechnical safety issues occur (such as bedding dips prone to rock failure). The grading and grassing over of slopes in cuttings is largely a civil engineering convenience and a mindset which is hard to change. However, it leads to sterile and uninteresting roads which look the same throughout the country. By leaving rock exposures along the routeway, where they are intersected, it provides an improvement in character and interest, reflecting the geology and landscape of an area. Sympathetic tree or shrub planting can still be done, but leaving bare rocks, especially where they show interesting features, not only assists the geological profession, but creates new local landmarks, to replace those removed in the construction of the roadway. It can also potentially save money on the construction.

Geoparks

An extremely interesting development in geological heritage, not just in Europe, but internationally, has been the rapid recent growth and adoption of the Geopark concept. From an initial European Geoparks Network, there is now a Global Geoparks programme, fully endorsed by UNESCO. A **Geopark is a territory** with a well defined management structure in place (such as Local Authority support), **where the geological heritage is used to develop sustainable tourism opportunities**. A fundamental basis of the Geopark is that it is driven from the bottom up – the communities in the Geopark, are the drivers of the project and are the main beneficiaries. It therefore provides protection of the geological heritage resource so that the community can benefit from it.

In Ireland there are already two members of the European Geopark Network (the Copper Coast in Waterford and Cuilcagh-Marble Arch in Fermanagh), but there is also an active proposal in development for the Burren, in Co Clare as a Geopark. Applications usually need to demonstrate some existing promotion of geological heritage. It is the opinion of the authors that Kildare does not have any areas likely to conform with the quite stringent requirements of an application to the Geoparks Network.

World Heritage Site status

Previous criteria of either a natural site or a cultural site, meant that the majority of sites were of cultural heritage and in Ireland Newgrange and the Boyne Valley archaeological sites, and the monastic site of Skellig Michael in Kerry were our only World Heritage Sites. In Northern Ireland, the Giants' Causeway is a World Heritage Site of prime geological importance as a natural site. The criteria have been modified recently to reflect a more holistic approach, and to realise that many sites have a natural component and a history of cultural modification which results in unique landscapes. The Burren in County Clare is perhaps the strongest case Ireland has for another World Heritage Site. It is the opinion of the authors that Kildare does not possess any sites likely to be suitable as candidate World Heritage Sites.

Proposals and ideas for promotion of geological heritage in Kildare

The clear and significant inclusion of geological heritage in the Heritage Plan for County Kildare is a most welcome and positive step, for a topic that is often undervalued and poorly known in the wider community. Listed below are the objectives and actions in the plan, which this report contributes, either wholly or in relation the geology as a part of the spectrum of heritage.

Objective 1 – To facilitate the collection and dissemination of heritage information

1.4 Prepare an inventory of heritage objects relating to Kildare in private collections

Appendix 4 is a preliminary record of geological collections held in museums.

1.23 Identify sites of geology and geomorphology in the county. Compile an inventory of scientific papers relating to geology and geomorphology in the county.

This report is aimed at achieving this action in full.

1.24 Prepare an inventory of flood plains, naturally occurring springs and fords in the County.

This report does not attempt to address this action, which requires a separate project, and the expertise and records of Geological Survey of Ireland staff from other areas than just the Irish Geological Heritage Programme. However, the data on spring sites here makes a small contribution, and the recently completed Groundwater Protection Scheme for the County Council also provides significant parts of this action.

Objective 2 – To raise public awareness, understanding and appreciation of County Kildare's Heritage

21. Promote the County Kildare Heritage Plan and its implementation by an annual seminar, progress reports and media coverage.

The first author is willing to make a presentation at such a seminar or to talk separately (action 2.5).

2.3 Publicise inventories and surveys conducted as part of the plan, lodge in the County Library and make available to the public.

The exhibition materials completed as part of this project is designed to fulfil this action and is best suited to display in libraries as well as council offices and local museums.

2.4 Produce a series of heritage publications to promote all aspects of Kildare's heritage built, natural and cultural. Target of two publications per year.

This report provides the foundation for one such publication, but it would require a different treatment, than this layout and structure.

Objective 3 – promote best practice in Heritage Conservation and Management

3.16 Promote the geology and geomorphology of the county

The commission of this audit and report, the exhibition, possible talks at seminars and the possibility of a booklet on the geological heritage of Kildare all achieve the ambition of this action.

Of course, aside from the specific objective and actions relating to geological heritage, there are many other actions in the Heritage Plan, where geological heritage may feature as an integrated facet of the topic. More obvious areas include:

- Geodiversity provides the habitats for much of the biodiversity which it is hoped to conserve.
- Archaeological and architectural monuments, vernacular buildings and features are often influenced by geodiversity, and this should be kept in mind in achieving any of the specific actions related to these parts of Kildare's heritage.
- If the Council do own any of the geological heritage sites included here it will be easier to achieve positive results for both protection and promotion of those sites, and this may provide a basis for prioritising future actions.
- As a repository of the National Archives, the GSI holds various records relating to County Kildare's geology. Efforts to publicise archives in Kildare may need to report such external archives too.

Landscape Character Assessment is a tool which fundamentally defines differences in geology as the basis for land-use and cultural modifications, and the resultant landscapes. However it is clear from the County Development Plan, that this underlying basis is recognised.

Specific ideas for projects

Guides

There are very few existing guidebooks to the geology or Quaternary geomorphology of Kildare, but none are aimed at a general audience and there is certainly scope for others, and for guides at different levels of detail and accessibility to non-specialists. A range of leaflets, booklets, books and other media are all feasible, but the research and production of appropriate text and images is a difficult task to do well without appropriate experience, and adequate time and resources. **However, with appropriate resources, a simple, highly illustrated booklet on the geological heritage of Kildare could be compiled for a wide general audience, based on the substance of this report.**

Signboards

Simple explanatory or interpretive signboards may be advisable at some geological heritage locations, but if these are considered, their locations and individual siting should be very selective, since a proliferation of different interest groups may provoke a 'rash' of panels all over the county. The Planning Section should clearly have a controlling input, in conjunction with the Heritage Office. The subject of panels, the text and graphics are a fine art to do successfully, and the IGH Programme can offer input if signs are desired and planned for key visitor localities. However, given the nature of the majority of sites described in this report, which are on private farmland, or with no suitable parking lay-bys to get an overview (e.g. Glen Ding), it is difficult to suggest a suitable site that would benefit from a panel.

Museum exhibitions

As a result of the work to produce this report, the material for a panel based exhibition has been largely compiled (see Appendix 7). With some extra resources an interesting exhibition can be put together for display in the Council offices, Libraries etc. A good model is that produced for Carlow or for Dun Laoghaire Rathdown. Whilst the work on this may be possible within the scope of the Project and GSI's contribution, it would be beneficial if the cost of materials (colour plots and mounting boards) could be met by a contribution or sponsorship from a third party.

Geoparks

As stated above, it is not considered that any areas are suitable candidates for Geopark status, based on the criteria.

World Heritage Site bid

It is not considered that any areas are suitable from a geological or geomorphological perspective as candidate World Heritage Sites. It is understood that the National Parks and Wildlife Service and the Department of Environment, Heritage and Local Government are the recognised body for such a bid from Ireland. It should perhaps be confirmed that they have no current assessment of sites within Kildare. If there were any sites under consideration from a wider perspective, then the GSI should be consulted in relation to including a geological assessment in the work.

TV programmes

An existing programme series concept is in development and fundraising at time of writing, and is national in scope, but could include Kildare in various ways. Contacts can be provided for the Heritage Officer to consult with the programme makers if it becomes clear that the series is going ahead, if so desired.

A summary of the Geology of Kildare

The varied landscapes in County Kildare formed over hundreds of millions of years by various geological processes, each one leaving its mark in the rock record. Careful examination of the rocks in the region can help unravel the story of their formation and thus shed light on the evolution of the Kildare terrain.

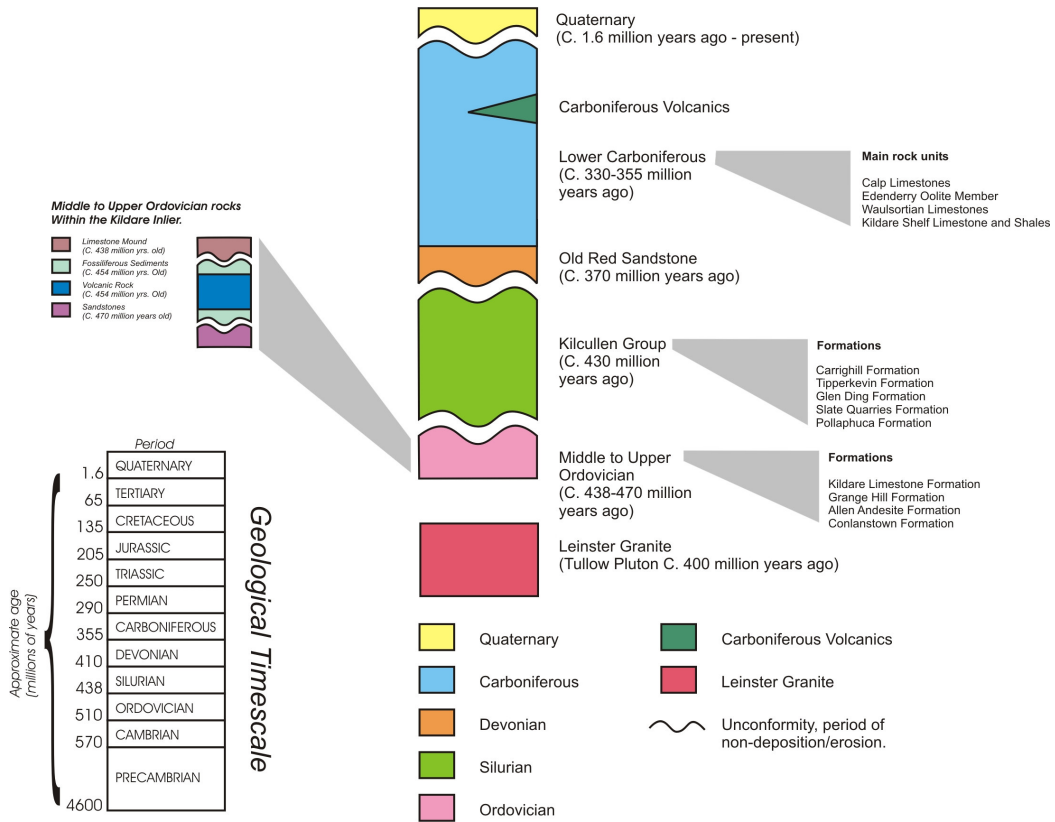
Rocks can be divided into three main groups, [sedimentary](#), [igneous](#) and [metamorphic](#). Sedimentary rocks are laid down as particles of material such as sand or mud and then hardened by compaction and [lithification](#) into [sandstones](#), [siltstones](#), [mudstones](#) and [limestones](#). [Fossils](#), often preserved in these rocks, can give us an idea of when the rock formed and what the climate and environment were like at that time. Igneous rocks crystallise from [magma](#) originating deep beneath the Earth's surface and may be [extrusive](#) (i.e. [lava](#) flows at the Earth's surface) or [intrusive](#) (emplaced within the Earth's [crust](#), below the surface). Metamorphic rocks are sedimentary or igneous rocks that have been altered by changes in temperature and/or pressure. New minerals grow in response to these changes and their composition depends on the composition of the original rock, and the temperatures and pressures that affect it.

The predominant rock types in Kildare are sedimentary rocks, limestone of Carboniferous age in particular. These sedimentary rocks have only been mildly affected by [folding](#) and retain many of their original sedimentary and depositional structures. There are also some minor igneous rocks and the larger Tullow [Granite Pluton](#), which is a part of the Leinster Granite.

At any one locality there is usually more than one rock type, or [lithology](#) and they are generally inter-layered. Ranges of lithologies over a small area are largely consistent and sequences of rock often share common characteristics allowing them to be grouped together as packages or geological units. The most important of these 'units' is the [Formation](#), which is defined as a sequence of related rock types differing significantly from adjacent sequences.

These formations are mapped as a sequence or succession of units in a stratigraphical order, with younger rocks overlying older rocks unless they have been strongly [faulted](#) or folded. By compiling the formations into a column with oldest at the bottom and youngest at the top we can represent the geological history of an area, with international names for the time periods. The following description of the main events and the rocks they formed in Kildare should be read with reference to the map, stratigraphical column and geological timescale. The simplified map of Kildare's geology outlines the main units by age. For more detail of the individual formations described it would be necessary to examine the GSI's 1:100,000 scale maps of the area – Sheet 16, covering Kildare-Wicklow.

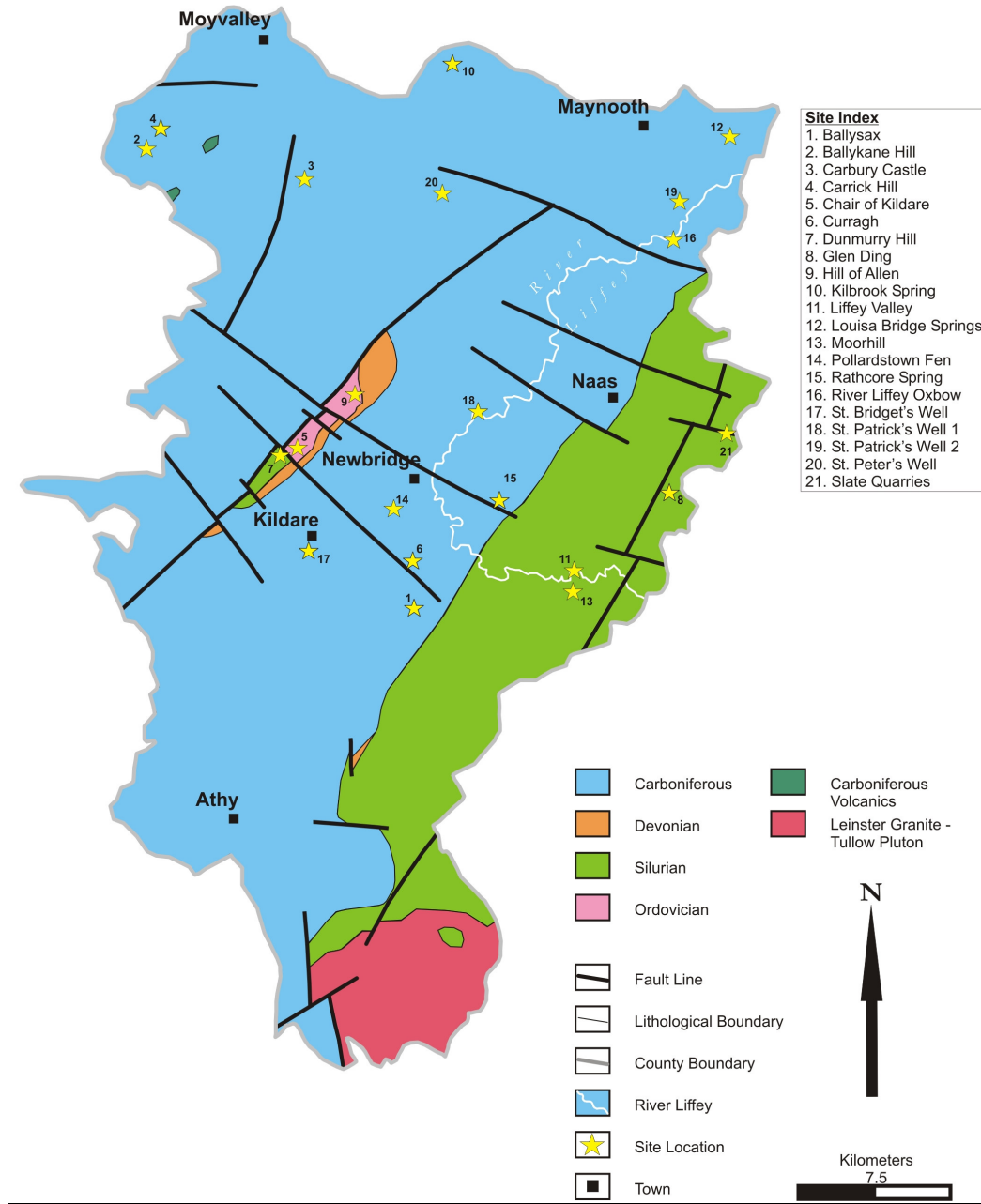
Schematic stratigraphical column summarising the rock sequence in Kildare



| AGE (Million Years) | ERA | PERIOD | Events Relating to Ireland and Kildare (in bold) | |
|--|--------------|-------------|--|---|
| 1.6 | Cenozoic | Quaternary | A series of ice ages leaving plains of sand and gravel followed by spread of vegetation, growth of bogs and the arrival of man. | |
| 65 | | Tertiary | Erosion. Opening of the North Atlantic ocean. Volcanoes in NE Ireland. | |
| 135 | Mesozoic | Cretaceous | Erosion. Probable incursion of the sea. Chalk deposition preserved today in northern Ireland. | |
| 205 | | Jurassic | Uplift and erosion. Sediments deposited offshore. | |
| 250 | | Triassic | Erosion and deposition under desert conditions. | |
| 290 | Permian | | | |
| 355 | Palaeozoic | Upper | Carboniferous | Land progressively submerged. Coastal plain and nearshore deposits followed by limestone deposition in shallow tropical seas . Subsequent building out of the land, deltaic sands and muds deposited often under swampy conditions. Variscan mountain building event (affecting southwest Ireland) towards the end of the Carboniferous. |
| 410 | | | Devonian | Continued mountain building, rapid erosion and deposition under semi-desert conditions. Intrusion of granites and metamorphism during early Devonian. |
| 438 | | | Lower | Silurian |
| 510 | | Ordovician | | Deep-sea mudstone deposition on the floor of the Iapetus Ocean. Volcanism along the southeast margin of Iapetus as the ocean contracts. |
| 544 | | Cambrian | | Opening of the Iapetus Ocean between northwest and southeast Ireland. |
| 2500 | Pre-cambrian | Proterozoic | Oldest rocks in Ireland. | |
| 4000 | | Archaean | Oldest known rocks on Earth. | |
| Formation of the Solar System approximately 4600 million years ago | | | | |

A Geological Time Scale with events affecting Kildare highlighted.

Summary Geological Map of Kildare Including Site Locations



Lower Palaeozoic

The oldest rocks in Kildare are of Lower Palaeozoic age and are the Upper Ordovician and Silurian rocks of the Kildare Inlier (older rocks surrounded by younger rocks). This outcrops in the northeast-trending line of hills from south west of Dunmurry Hill to the Hill of Allen. At the base of the Kildare Inlier succession lies the Conlanstown Formation consisting of dark green-grey shales and siltstones, for which fossil evidence ([graptolites](#)) indicates a Llanvirn age. Following the deposition of these rocks, there was a period of uplift and erosion caused by a minor [orogenic](#) event, mainly affecting rocks further to the south. The only evidence for this in the Kildare area is seen in the Kildare Inlier, where the Caradoc Grange Cottage Formation unconformably overlies the Llanvirn Conlanstown Formation with a thin basal [conglomerate](#).

It is now well understood that Ireland is made up of two 'halves', which were originally separated by an ocean that geologists call Iapetus. The northwestern half was on the margins of a North American continent, whilst the southeastern half was on the margins of the European continent. [Plate tectonic](#) movement throughout the Ordovician period saw this Iapetus Ocean close and the two halves converge and eventually combine in Silurian times. Kildare's rocks tell parts of this story, and need to be understood in the wider context.

In Kildare evidence of this is seen in the Kildare Inlier. [Andesite lavas](#) are products of continuing [subduction](#) of Iapetus, which led to a [volcanic arc](#) – a chain of volcanoes on the surface above the plate which was being destroyed beneath the leading edge of the European plate. The volcanic arc did not build up above sea level and all its preserved erupted products were deposited under water, interbedded with fine-grained sedimentary rocks. This volcanic activity during the Middle to Upper Ordovician is preserved in the Kildare Inlier producing predominantly andesite lavas. They are seen at Grange Hill and are quarried on the Hill of Allen.

The lavas are enclosed by [tuffaceous](#) sedimentary rocks containing fossils that allow us to place their age very accurately as middle Caradoc. A small but important limestone, rich in fossils and indicating a shallow water environment, overlies these rocks. The fossils allow an upper Ashgill age to be determined, indicating it was deposited much later on the shallow water of the by-then extinct [volcano](#).

The next rocks to be deposited (still preserved at the surface) were the Kilcullen Group, and the Silurian Guidenstown, Rahilla and Dunmurry Formations of the Kildare Inlier. These two successions are separated by faults from adjacent older strata so the exact relationships are not known. The rocks record continuing submarine deposition. They were deposited predominantly by [turbidity currents](#), with the Kilcullen Group gradually becoming finer upwards, reflecting increasing distance from the sediment source. The Guidenstown and Rahilla Formations record quieter conditions of sedimentation before the influx of turbidity currents. The Guidenstown

Formation contains graptolites that give a Llandovery age, and the overlying formations in the Kildare Inlier are thought to be Silurian. Although poorly constrained by the fossil record, the age of the Kilcullen Group is also believed to be Silurian, mainly through some [microfossils](#) found within it.

Following the deposition of the Lower Palaeozoic sequences, the continents on opposite sides of the Iapetus Ocean were brought together as the ocean floor was consumed by subduction. The extreme pressures of the collision uplifted the rocks to produce a range of mountains, in an event known as the Caledonian [Orogeny](#). Rocks were crumpled into folds at different scales. The axes of these folds and associated [cleavage](#) are aligned generally northeast southwest and give an idea of the orientation of the mountain range and the continental margins during collision.

The base of the crust was pushed down under the weight of the mountains and the heat at depth caused it to partially melt, producing a large volume of granitic magma. This rose into the upper crust and was intruded in several discrete bodies or [plutons](#). The magma cooled slowly in the crust to form coarse-grained granite. The poorly exposed Tullow Pluton can be seen in the southern Kildare area. It is one of a number of plutons making up the Leinster Granite, which runs from Dublin to near New Ross.

The closure of the Iapetus Ocean saw the amalgamation of two landmasses to form the Old Red Sandstone Continent (or Laurussia), during the Devonian. Ireland's position within this landmass, which covered most of northwest Europe, had latitude and as such, climate, similar to that of the Sahara desert today. Marine processes were not a major factor as most of the land lay above sea level. Instead [terrestrial](#) processes, such as wind and [fluvial](#) systems dominated. The Old Red Sandstone Continent remained throughout the Devonian from about 410 to 360 million years ago.

The Caledonian mountain belt was an area of erosion rather than deposition during most of the Devonian period, and few rocks of this age are present in the Kildare area. The prolonged erosion wore down the mountains, right down to the granite so that the next stage of deposition produced a major [unconformity](#), or gap in the rock succession.

The Carboniferous

The uplift and partial erosion of the Lower Palaeozoic rocks and [plutonic](#) rocks during the Devonian and earliest Carboniferous left broad lowlands, across which fluvial red-bed sediments (Old Red Sandstone) accumulated. General [subsidence](#) permitted the sea to invade the lower ground from the south during the Carboniferous. The initial marine sediments were intertidal [laminated](#) muds and sands. Offshore sands accumulated in deeper water (Cloghan Sandstone Formation).

Continued subsidence resulted in shallow and then deeper water marine sediments (Feighcullen, Ballysteen and Boston Hill Formations) accumulating across most of the Kildare area. The depth of the sea and type of bottom

varied from place to place, producing a variety of **carbonate** sediments at any one time; for instance, **oolites**, which form in only very shallow water occur mainly around the present Kildare Inlier.

The rate of subsidence also varied from place to place, resulting in a variation in the thickness of accumulated sediment. However differential subsidence was much more pronounced after the Courceyan, at the earliest part of the Carboniferous period.

Towards the end of the Courceyan, carbonate mud banks or “**reefs**” (Waulsortian Limestones) developed as upstanding mounds on the sea floor across parts of the Kildare area (and much of the Midlands of Ireland). Growth of the mounds was probably due to the rapid accumulation of fine carbonate mud produced by unknown organisms in favourable areas. A rich fauna of **brachiopods**, **bryozoa** and varying micro-organisms lived on the mounds.

At about the time of the Waulsortian mound growth, differential subsidence affected the sea floor much more strongly than before, and distinct **basin** and **shelf** areas were formed, with relatively steep marginal zones. The Kildare Shelf may have been separated from the Edenderry Shelf by a narrow basin.

Shallow water carbonate sediments relatively free of land-derived mud and sand, accumulated on the shelves (Allenwood Formation) and in some areas they consisted mainly of oolites (Edenderry Oolite). The considerable thickness of these sediments indicates that subsidence continued even in the shelf areas, but presumably less rapidly than in the basins. South of the Kildare Inlier sediments of the same age, known as the Milford Formation, are somewhat muddier, but include sparse shallow-water indicators, such as algal **stromatolites**. The depositional environment here may have been on the landward side of the shelf, where some **terrigenous** muds were able to collect. The **fauna** was quite impoverished, suggesting an unfavourable, lagoonal environment.

Volcanic activity occurred in and adjacent to the western part of the Kildare area, due north of Edenderry during the later part of the Dinantian. Small volcanic cones were produced as well as more widely dispersed bands of fine ash. **Dykes** and other intrusive bodies connected with the **volcanism** occur in rocks of Courceyan age. The volcanic rocks are not dated precisely, but they appear to be approximately coincident with phases of uplift with the shelves, and reflect deep-seated earth movements.

At some time, probably between the Arundian-Asbian Stages of the Carboniferous, much of the limestone in the shelf areas was turned into **dolomite**, when magnesium-rich fluids passed through the still porous sediments. The original sedimentary structures are obliterated to varying degrees, but commonly they are well preserved at hand specimen level. The distribution of dolomite is irregular, some of it being located around faults, where it may extend higher into the succession than normally.

The deposition of predominantly **calcareous** sediments came suddenly to an end at the close of the Lower Carboniferous. A period of very slow deposition in quiet, possibly deep waters followed. Then, the uplift and erosion of mountain areas to the north of Ireland gave rise to vast quantities of land-derived sediments being carried by rivers across the Kildare area to form deltaic and related deposits of sand and mud. As the deltas spread southwards, flattish swamps and sea level forests replaced the sea, and in due course became buried themselves, to form **coal** deposits now preserved in the Castlecomer Coalfield district, Co. Kilkenny. These Namurian and Westphalian sediments may once have covered Kildare too, possibly along with younger marine sediments from the Cretaceous Period, but have been stripped off by prolonged erosion of the land surface during the intervening period. This erosion was probably most pronounced during the Tertiary, under warm climatic conditions.

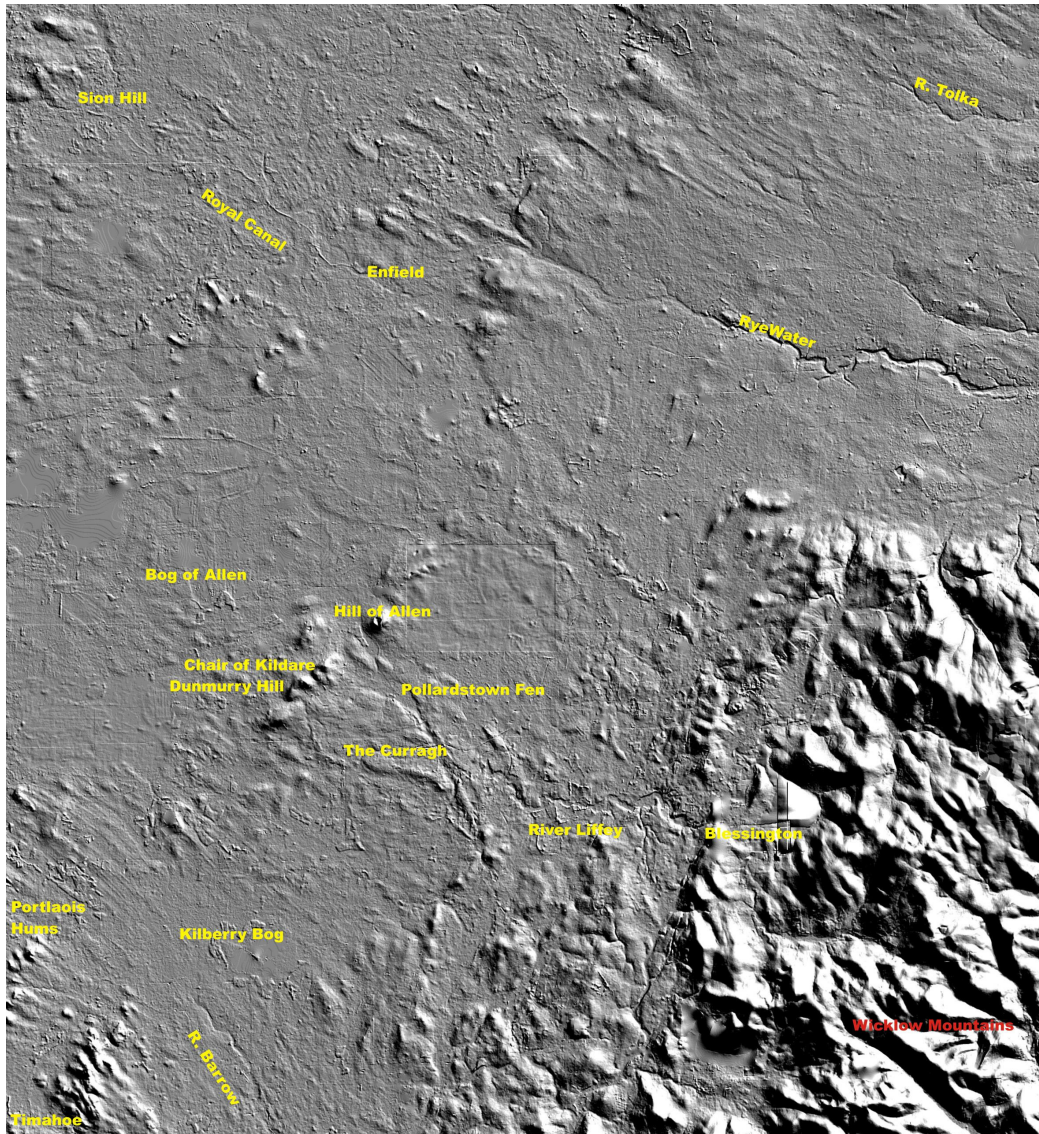
Quaternary

The Quaternary Period is the final one of the geological timescale. It marks the period of the Ice Age, which began about 1.6 million years ago, and the postglacial period or Holocene, which extends to the present day. All of the surface deposits in the Kildare area were deposited during the Quaternary Period. Most of the sediments were deposited during the Ice Age itself, either directly from the huge ice sheets that spread across the area or by meltwater flowing from the ice sheets as they finally melted. The Irish ice sheet, like its modern counterparts in Greenland and Antarctica, was formed by a number of coalescing ice domes from which ice flowed radially outwards. As it did so it ground down the underlying **bedrock**, breaking down protruding pieces and further grinding these down. The end result of this process is the production of sediment within and beneath the ice sheet. This may include particles of all sizes ranging from clay to boulder and which, when spread over the land surface by **glacial** ice, is known as **till** (also as boulder clay). Alternatively, sediments may be carried and sorted by meltwater and deposited as sand and gravel, with silt and clay deposited separately in lake systems or carried away to the sea. These glacial deposits therefore contain fragments of the type of bedrock over which the ice passed. In addition they contain sedimentary information, which tell us about the conditions in which they were deposited, whether underneath or on the margins of the ice sheet.

Ireland was glaciated on at least two separate occasions during the Ice Age. Almost all of the glacial deposits and surface features of Ireland relate to the latest of these and there is no indication in the Kildare area that any of the surface deposits are older than this.

Glacial and **glaciofluvial** deposits are generally very thick in this area. Deposits are commonly more than 30m thick and reach thicknesses in excess of 70m in the Curragh and Blessington areas. Over large areas they take the form of plains of sands and gravels deposited by glacial meltwater, particularly over the area of central and southern Kildare between the Curragh and Castledermot.

After the ice had melted and large-scale ice marginal lakes had drained, extensive depression surrounded by glacial deposits remained. These retained shallow lakes in whose basins the great **raised bogs** of the midlands developed in the postglacial period. The Bog of Allen, one of the best known of these runs across the northwest part of Kildare. Likewise, the great spreads of **blanket bog** that cover the upland areas of the district to the east formed in the 10,000 years following the end of the Ice Age. The **alluvial** deposits of the rivers, including the Liffey and Barrow, were also deposited during this period.



The above image is a processed digital elevation model, which has been illuminated from the northeast, at a very low angle to highlight landforms in the Kildare area and aid understanding of the dominantly glacial outwash plain nature of the county. Not all possible features show up but the mountains of Wicklow are a clear distinct area in the southeast quarter. The small Kildare

inlier of the Hill of Allen with its massive quarry and the Chair of Kildare/ Dunmurry Hill/ Red Hills also shows up clearly. Specific low lying features such as Pollardstown Fen and Kilberry Bog or the Bog of Allen show up reasonably clearly too. However, the overriding illustration provided is how flat and relatively featureless Kildare is. There are a few areas such as in the Kilcock-Summerhill area or in the west of the map north of Kilberry Bog, where a glacial lineation can be seen. These parallel lines are the 'grain' of the ice sheet movement. Compared to many other parts of the country, there are very few of these tell-tale linear features, which are sometimes only apparent when viewed from a very high altitude.

Kildare's land surface then is characterised by glacial deposition. It has Carboniferous bedrock under the majority, which only occasionally reaches the surface (e.g. Carbery Castle), but older rocks underlie the hills on the eastern edge of the county, and the distinctive high ground in a fault bound inlier to the north of Kildare town.



The Curragh grassland plains of outwash sand and gravel, with the faulted inlier of Dunmurry Hill and the Chair of Kildare, noticeable landmarks in the distance.

The plains are fertile grassland, principally because they are underlain by sand and gravel outwash plains, especially in the Curragh area (see photo above), but in places the glacial deposits are more till than gravels. These would encourage the growth of bogs through poor drainage, and have resulted in the growth of the western boglands centred on the Bog of Allen, and also the Kilberry Bog in the southern part of the county.

The River Liffey only shows in part, due to orientation of flow, compared to illumination direction from the north east, but also as a geological artefact. The Liffey is constricted by a hard rock 'step' where it meets the Rye Water at Leixlip. This means that it has a very low gradient over the stretch between Ballymore Eustace and Leixlip, and therefore has a sluggish meandering course across the plains.

Glossary

| | |
|----------------------|---|
| Alluvium | a term for unconsolidated clay, silt, sand and gravel, deposited by a body of running water. |
| Andesite | a volcanic rock of intermediate composition (between rhyolite and basalt). |
| Basin | low areas in the Earth's crust, of tectonic origin, in which sediments have accumulated. |
| Bedrock | a general term for the rock, usually solid, that underlies soil or other unconsolidated, superficial material. |
| Blanket Bogs | bog covering a large, fairly horizontal area, which depends on high rainfall or high humidity, rather than local water sources for its supply of moisture. |
| Brachiopods | a marine invertebrate of the phylum Brachiopoda characterised by a lophophore and by two bilaterally symmetrical valves. Ranging from Lower Cambrian to present. |
| Bryozoa | invertebrates belonging to the phylum Bryozoa, ranging from Ordovician to present, often found as frond-like fossils. |
| Calcareous Carbonate | containing significant calcium carbonate. sediment formed by the organic or inorganic deposition from an aqueous solution. |
| Cleavage | a finely-spaced planar parting caused by compressive deformation of rocks. |
| Coal | a fossil fuel comprised primarily of carbon formed by the decomposition of plant matter in non-marine environments billions of years ago. |
| Conglomerate | sedimentary rock comprising of large rounded fragments in a finer matrix. |
| Crust | the outermost layer of the solid Earth. |
| Delta | a low, nearly flat alluvial tract of land at or near the mouth of a river, commonly forming a fan or triangular shaped plain of considerable area, which is crossed by many smaller channels of the main river. |
| Dolomite | calcium and magnesium bearing carbonate mineral; also a rock composed of the mineral. |
| Dyke | a tabular igneous intrusion that cuts across the bedding or foliation of the country rock. |
| Extrusive Fault | an igneous body emplaced at the Earth's surface as lava. planar fracture in rocks across which there has been some displacement. |
| Fauna | collective term used to group all animal life. |
| Fluvial | of or pertaining to rivers. |
| Fold(ing) | flexure in layered rocks caused by compression. |
| Foliation | a finely spaced planar parting caused by compressive deformation of rocks. |
| Formation | a sequence of related rock types differing significantly from adjacent sequences. |

| | |
|-----------------|--|
| Fossils | any remains, trace or imprint of a plant or animal that has been preserved in the Earth's crust since some past geologic or prehistoric time. |
| Glacial | of or relating to the presence and activities of ice or glaciers. |
| Glaciofluvial | pertaining to the meltwater streams flowing from wasting glacier ice and especially to the deposits and landforms produced by such streams. |
| Granite | a coarsely crystalline intrusive igneous rock composed mostly of quartz and feldspar. |
| Granodiorite | an igneous rock similar to granite but containing more of the mineral plagioclase and also more iron and magnesium-bearing minerals. |
| Graptolite | extinct organism of the phylum Hemichordata with colonies consisting of one or more fine branches with cups. Ranging from Middle Cambrian to Carboniferous. |
| Igneous | a rock or mineral that solidified from molten or partially molten material i.e. from a magma. |
| Intrusive | an igneous rock emplaced within the Earth's crust, not extruded like lava. |
| Laminated | the finest example of stratification or bedding, typically exhibited by shales and fine-grained sandstones. |
| Lava | magma extruded onto the Earth's surface, or the rock solidified from it. |
| Limestone | a sedimentary rock consisting chiefly of calcium carbonate (CaCO_3), primarily in the form of the mineral calcite. |
| Lithification | the process of rock formation from unconsolidated sediment. |
| Lithology | the description of rocks on the basis of such characteristics as colour, composition and grain size. |
| Magma | molten rock, which will cool to form igneous rocks. |
| Metamorphic | pertaining to the process of metamorphism or to its results i.e. a metamorphic rock. |
| Microfossils | a fossil too small to be observed without the aid of a microscope. |
| Mudstone | a blocky or massive mud-supported sedimentary rock, in which the proportions of clay and silt are approximately equal. |
| Orogeny | the creation of a mountain belt by tectonic activity. |
| Oolite | a limestone consisting largely of spherical grains of calcium carbonate in concentric spherical layers. |
| Outcrop | part of a geologic formation or structure that appears at the surface of the Earth. |
| Plate Tectonics | a theory that states that the crust is divided up into a number of plates, whose pattern of horizontal movement is controlled by the interaction of these plates at their boundaries with one another. |
| Pluton | an igneous intrusion formed at sufficient depths to allow for the growth of large crystals. |

| | |
|--------------------|---|
| Plutonic | originating at great depth. |
| Raised Bogs | an area of acid, peaty soil, in which the centre is relatively higher than the margins. |
| Reef | a mass or ridge of rocks, especially coral but sometimes sand, gravel or shells, rising above the sea or lake bottom to or nearly to the surface. |
| Sandstone | a medium-grained sedimentary rock composed of abundant rounded or angular fragments of sand set in a fine-grained matrix of silt or clay. |
| Sedimentary | a rock formed by the deposition of sediment, or pertaining to the process of sedimentation. |
| Shale | A fine-grained sedimentary rock, formed by the compaction and lithification of clay, silt, or mud. It has a finely laminated (composed of layers) structure that gives it a fissility, or tendency to split along bedding planes. |
| Shelf | part of the continental rising that is between the shoreline and the continental slope. |
| Siltstone | a rock whose composition is intermediate between those of sandstone and shale and of which at least two-thirds is material of silt size. |
| Stromatolites | an algal deposit usually found in shallow water. |
| Subduction | the sinking of one lithospheric plate beneath the edge of another |
| Subsidence (zone) | the sudden sinking or gradual downward settling of the Earth's surface with little or no horizontal movement. |
| Terrestrial | pertaining to the Earth's dry land |
| Terrigenous | something derived from the land or continent. |
| Till | unconsolidated, unsorted glacial deposits consisting of boulders and cobbles mixed with very finely ground-up rock or silt. |
| Turbidity Currents | density current of suspended sediment in water moving rapidly down a subaqueous slope. |
| Tuff(aceous) | rock formed from volcanic ash usually composed of silt-sized to sand-sized particles. |
| Unconformity | erosional surface representing a break in deposition. |
| Volcanic Arc | a linear belt of volcanoes above a subduction zone and the volcanic and plutonic rocks formed there. |
| Volcanism | the process by which magma and its associated gasses rise into the crust and are extruded onto the Earth's surface and into the atmosphere. |
| Volcano | a vent in the surface of the Earth through which magma and associated gasses and ash erupt. |

Data sources on the geology of County Kildare

This section is a brief summary of relevant GSI datasets, to assist any enquiry concerning geology to target possible information easily. The GSI has very many datasets, accumulated since it began mapping Ireland's geology in 1845. A recent project has established a Document Management System into which about half a million documents and maps have been scanned. This means that any user can visit the GSI Customer Centre themselves and search on screen for data of relevance to them. High quality colour and black and white prints can be made or data supplied on CD, for small charges. Key datasets include:

1:100,000 Map Report Series

All historical, modern and other mapping has been compiled into very useful maps and reports that describe the geology of the entire country. Sheet 16 covers Kildare. In addition digital mapping from the 1:100,000 series is now available on a seamless national basis and customised output can be produced for specific areas.

19th century 6 inch to the mile fieldsheets

These provide an important historical and current resource, with very detailed observations of the geology of the entire country. The Archives of the GSI also include a set of first edition Ordnance Survey six inch to the mile maps, which generally predate the geologically coloured fieldsheets. For historical study they can be useful in showing changes in time.

19th century one inch maps and Memoirs

Information from the detailed 19th century mapping was distilled into one inch to the mile maps, of which Sheets 114, 115, 122-125, 131-134, 140-144 cover County Kildare. Each sheet or several sheets were accompanied by a Memoir which described the geology in some detail. These still provide valuable records of observations even though interpretations may have changed with better geological understanding.

MinLocs Data

The MinLocs Database records all known mineral occurrences, however small, from GSI records, such as 19th century fieldsheets and Open File data. There are approximately 92 records for Kildare. These include economic deposits such as sand and gravel pits, brick clays, building stones as well as metallic and non-metallic minerals.

Historic Mine Records

Abandonment plans and varied other material exists for the various mining and exploratory ventures in the county, at places like Cannonstown, Grange Hill and Wheal Church (Wheatfield Upper, near Straffan).

Quaternary Mapping

Since a Groundwater Protection Scheme has been done for County Kildare by GSI, a modern mapping of the Quaternary sediments exists as well as bedrock mapping. This provides a significant resource in general terms as well as for groundwater protection. Customised output is possible. Further

work is planned in 2005/6 to examine areas where coverage is poor or discrepancies exist between various interpretations and compilations of existing data of different vintages.

Aerial Photography

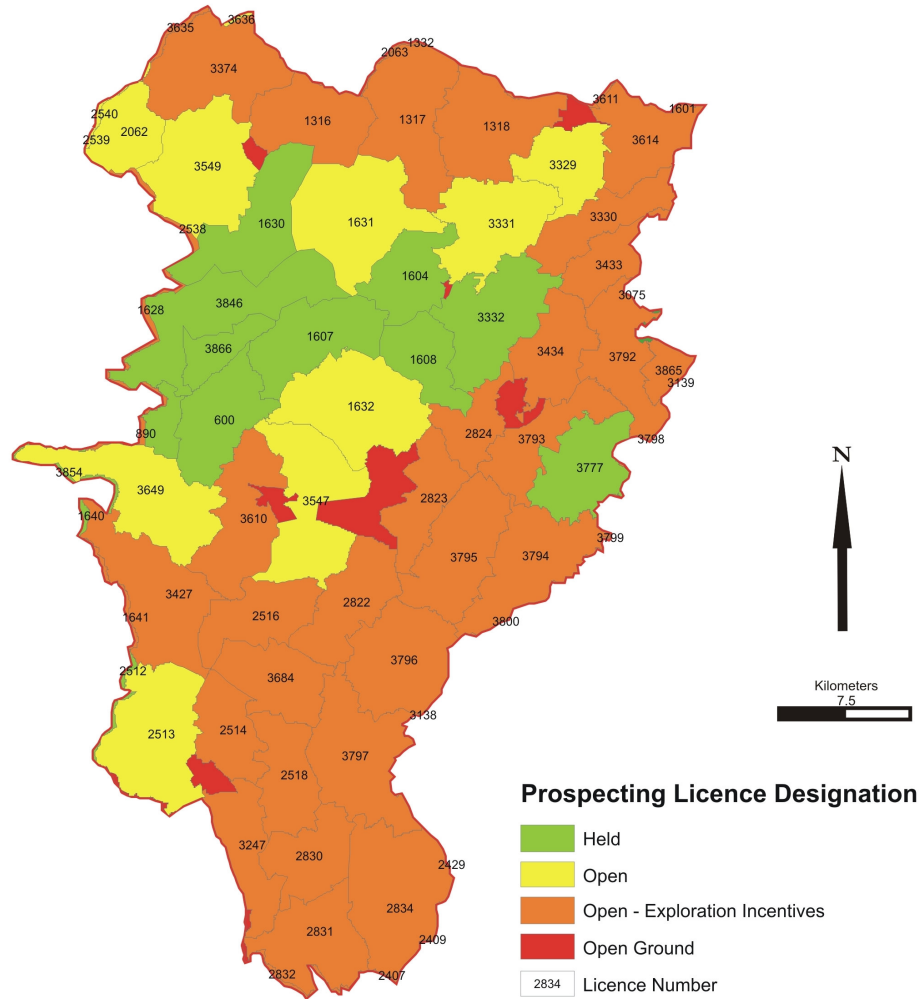
The GSI has almost full coverage of the country in 1973 black and white Air Corps vertical aerial photography, which together with a stereoscope can be very useful in interpreting geological and geomorphological features. Partial coverage of 1954 photography is also available. All are available for public consultation, with a stereoscope in the Customer Centre of GSI.

In addition the GSI network has more recent digital ortho photography and colour aerial photography from about 2000 which can be consulted for particular purposes on request, but OSi copyright applies.

Open File Data

Each Mineral Prospecting Licence issued by the Exploration and Mining Division of the Department of Communications, Marine and Natural Resources (currently) carries an obligation on the exploration company to lodge records of the work undertaken, for the common good. These records are held by the Geological Survey and are available as Open File Data, once a period of time has expired. They may include geological interpretations, borehole logs, geophysical and geochemical surveys and so on. Exploration is based on areas known as Prospecting Licences (PL) which allow someone the right to search and investigate for minerals under the ground within the PL or a block of PLs. The PLs covering Kildare, and their current status are shown below.

Exploration Licences and Designations



Shortlist of Key Geological References

This reference list includes a few key papers, books and articles on the geology and geomorphology of Kildare that are recommended as access points to Kildare's geological heritage. A full reference list of papers relating to the geology of County Kildare is contained in Appendix 6, including all references cited in the individual site reports.

Brück, P.M. 1972. Stratigraphy and sedimentology of the Lower Palaeozoic greywacke formations in Counties Kildare and west Wicklow. *Proceedings of the Royal Irish Academy* 72B, 25-54.

Davis, G.L. and Hill, W.M. de C. 1965. A Thermal Spring In Co. Kildare. *Irish Naturalists' Journal* 15, pp 73-74.

Feehan, J. and O'Donovan, G. 1996. The Bogs of Ireland. An Introduction to the Natural, Cultural and Industrial Heritage of Irish Peatlands. *University College Dublin. The Environmental Institute.*

Hammond, R.F., Warren, W.P. and Daly, D. 1987. Offaly and West Kildare. *Irish Association for Quaternary Studies Field Guide* 10.

Holland, C.H. (ed.). 2001. *The Geology of Ireland*. Dunedin Academic Press, Edinburgh.

McConnell, B., Philcox, M.E., Sleeman A.G., Stanley, G., Flegg, A.M., Daly, E.P. and Warren, W.P. 1994. Geology of Kildare - Wicklow. A geological description to accompany the Bedrock Geology 1:100,000 Map Series, Sheet 16, Kildare -Wicklow. *Geological Survey of Ireland*.

Parkes, M.A. and Palmer, D.C. 1994. The stratigraphy and palaeontology of the Lower Palaeozoic Kildare Inlier, Co. Kildare, Ireland. *Irish Journal of Earth Sciences* 13, 65-81.

Strogen, P. and Somerville, I.D. 1984. The stratigraphy of the Upper Palaeozoic rocks of the Lyons Hill area, County Kildare. *Irish Journal of Earth Sciences* 6, 155-173.

Whittow, J.B. 1974. *Geology and Scenery in Ireland*. Pelican Books, 301pp.

Further sources of information and contacts

The Geological Survey of Ireland, and the Irish Geological Heritage Geologist, Matthew Parkes can be contacted in relation to any aspect of this report. Bridget Loughlin, the Heritage Officer of Kildare County Council, is the primary local contact for further information in relation to this report. Other contacts are the Conservation Rangers of the National Parks and Wildlife Service, of the Department of Environment, Heritage and Local Government. The names and phone numbers of current staff may be found in the phone book.

Web sites of interest

www.gsi.ie - for general geological resources

<http://www.habitas.org.uk/es2k/index.html> - for general geological information of wide interest

<http://www.tcd.ie/Geography/IQUA/Index.htm> - for information, fieldtrips, lectures etc in relation to Ireland's Ice Age history

<http://www.sgu.se/hotell/progeo/index.html> - for information about ProGEO the European Association for the Conservation of Geological Heritage

Acknowledgements

The authors would like to gratefully acknowledge the assistance of Bridget Loughlin Heritage Officer for Kildare County Council in the development of this project. Funding from the Heritage Council and Kildare County Council is also acknowledged, towards the employment of Aaron Sheehan-Clarke on this project work. We also acknowledge the many members of the IGH Programme Expert Panels who helped define the sites which were considered for County Geological Site status. Colleagues in the GSI, particularly Pdraig Connaughton, Ray Weafer, Eddie McMonagle and John Dooley in the Cartography Section assisted with scanning images and simplifying digital maps for this report. Robbie Meehan, Teagasc, Kinsealy kindly provided the processed DEM image showing Quaternary deposits, and offered detailed advice concerning all aspects of the Quaternary of Kildare. John Sweeney of National University of Ireland, Maynooth is thanked for helpful input and suggestions for the project and the report.

KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | |
|-----------------------------------|---|
| NAME OF SITE | Chair of Kildare |
| Other names used for site | Grange Hill |
| TOWNLAND(S) | Carrickanearla, Conlanstown, Cannonstown. |
| NEAREST TOWN | Kildare |
| SIX INCH MAP NUMBER | 17, 22 |
| NATIONAL GRID REFERENCE | 272590 217750 = N 7259 1775 |
| 1:50,000 O.S. SHEET NUMBER | 55 1/2 inch Sheet No. 16 |

Outline Site Description

Natural rock exposures scattered over and around a hilltop

Geological System/Age and Primary Rock Type

Ordovician volcanic rocks (andesite) surrounded by fossiliferous sedimentary rocks of sandstones and mudstones.

Main Geological or Geomorphological Interest

The Chair of Kildare is an artificial mound on the edge of Grange Hill which is an inlier of Ordovician rocks, that is older rocks entirely surrounded by younger rocks. The north western boundary of the elongate inlier is a major fault, whilst the younger Devonian red sandstones and Carboniferous limestone unconformably overlaps on the south eastern side. A thick mantle of glacial sediments mean that rocks are poorly exposed except in the centre of the hill which rises from the plains of Kildare and the Curragh in a distinctive landmark. The site includes many facets of geological importance and interest.

The oldest rocks have been dated by a few graptolite specimens as early Ordovician, and these are unconformably covered by sandy sediments with lots of volcanic ash and fossils indicative of a shallow water environment, including large coarse ribbed brachiopods (shellfish), trilobites and bivalves. These are best exposed behind the cottage on the northern shoulder of the hill. Immediately above them is a massive deposit forming the bulk of the erosion resistant hill. This is of andesite – a volcanic rock which is also the rock in the Hill of Allen further north east in the inlier. Both hills were perhaps once volcanic islands in an Ordovician sea, or if not, then they formed seamounts just below the surface on the continental shelf edge, within the Iapetus Ocean of that time, around 450 million years ago.

Overlying the andesites are some mudstones and siltstones, often calcareous, but also rich in fossils. These include a wide variety of brachiopods, trilobites, gastropods and other marine invertebrates. The fossils in the two sequences of sedimentary rocks below and above the andesite give a tight constraint on the age of the volcanic rocks. They are also important in charting part of the migration of animals such as brachiopods and trilobites across the Iapetus Ocean, often via volcanic islands, helping our understanding of the biogeography of a time when faunal diversity was expanding very rapidly.

The south western side of the Hill of Allen, adjacent to the Chair of Kildare itself (an artificial mound) is famous for the Kildare Limestone, a localised carbonate mound deposit, exposed as scattered outcrop. Although renowned for fossils they are in fact very difficult to see and extract, as they are composed of the limestone itself. Some groups, such as the trilobites have been well described, and again, form an important international comparison. A very small exposure also yields an internationally known Hirnantia fauna, a discrete end Ordovician assemblage.

Overall, the Kildare inlier, encompassed by this site, the Hill of Alen and Dunmurry Hill, form an interesting and geologically very diverse landscape, which forms a landmark from the otherwise flat and featureless Quaternary plains overlying Carboniferous limestone bedrock.

Site Importance

The site is the most important part of the Kildare inlier and will be designated as an NHA for its diverse geology and palaeontology, in a national context.

Management/promotion issues

The site is private farmland and commonage and not accessible without local permission. Fossils are a major interest of the site, but it is not really suitable to promote for this as they are either intractable or unexposed without excavating holes. Previous research (eg Parkes and Palmer 1994) demanded digging of trenches etc to identify fossiliferous localities. They are no longer exposed.



Exposures of the Kildare Limestone Formation



A view of Grange Hill from the Kildare Limestone summit near the Chair

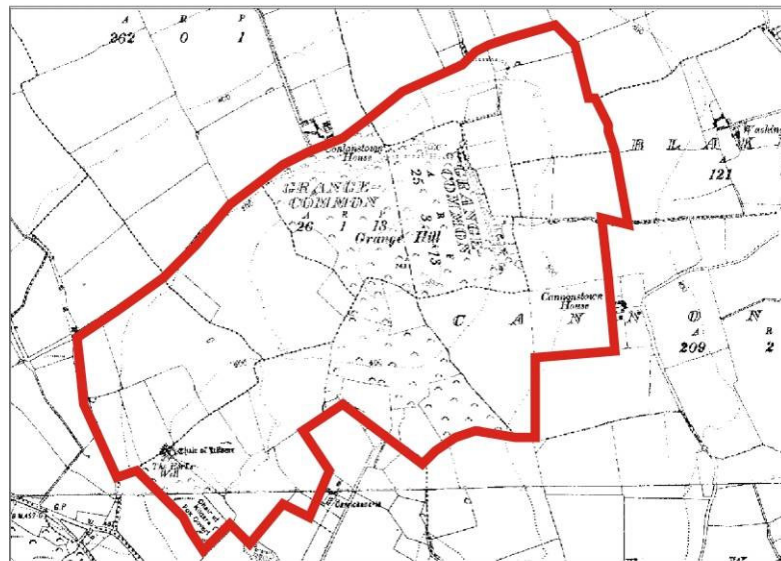
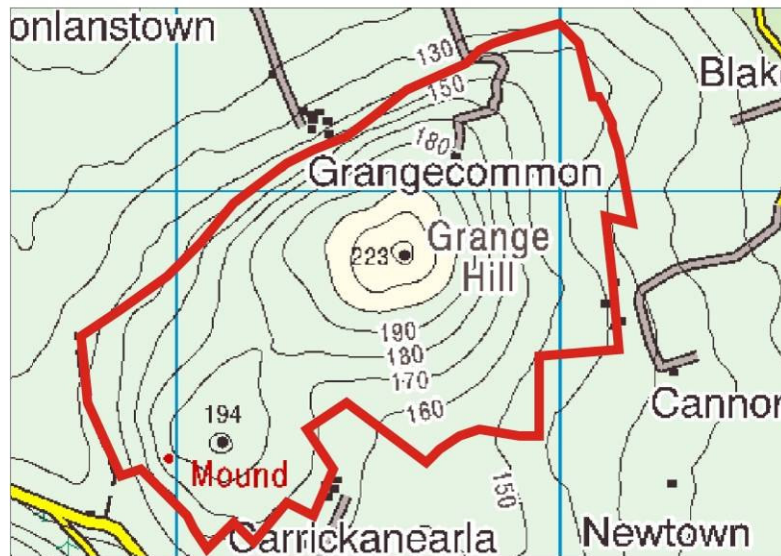


The mound of the Kildare Limestone Formation from the Chair of Kildare artificial mound



Typical field at Cannonstown in the fossiliferous mudstones, which are only exposed by trenching.

Chair of Kildare



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | |
|-----------------------------------|---|
| NAME OF SITE | Dunmurry Hill |
| Other names used for site | |
| TOWNLAND(S) | Carrickanearla, Conlanstown, Cannonstown. |
| NEAREST TOWN | Kildare |
| SIX INCH MAP NUMBER | 22 |
| NATIONAL GRID REFERENCE | 271300 217000 = N 713 170 |
| 1:50,000 O.S. SHEET NUMBER | 55 1/2 inch Sheet No. 16 |

Outline Site Description

Forested hillside

Geological System/Age and Primary Rock Type

The rocks, presently unexposed and forested over are Silurian, Llandovery and Wenlock in age.

Main Geological or Geomorphological Interest

For many years the geological relationships of the rocks of Dunmurry Hill to those on the Chair of Kildare were debated. Discovery of some graptolite fossils from the lowest formation of black mudstones established that they were in fact much younger, from the Silurian, Llandovery Series. A fault runs along the valley separating Dunmurry from the Chair and younger rocks have been dropped down to lie at the same level as the Ordovician rocks on the Chair. Above the fossiliferous black mudstones are red mudstones, and then a thick sequence of greywacke sandstones which are the rocks, resistant to erosion, forming the bulk of the hill. The full sequence is described in Parkes and Palmer (1994).

Site Importance

The site is not of national importance but as a complementary part of the Kildare inlier, it certainly deserves CGS status.

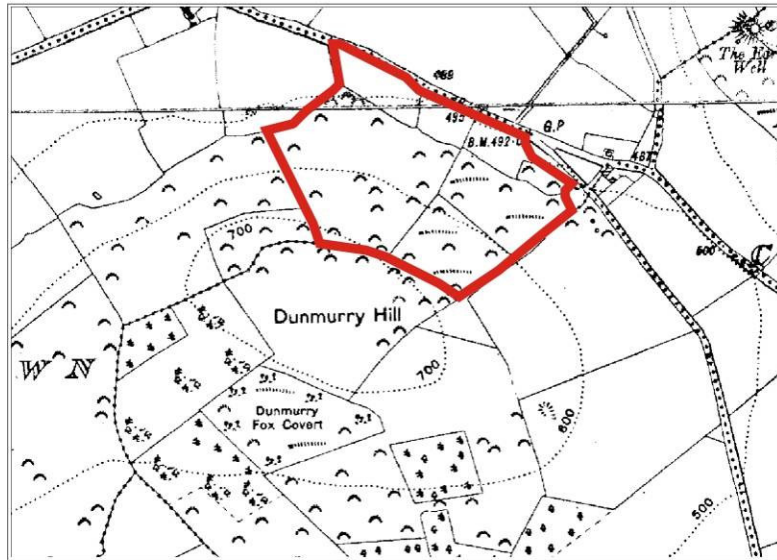
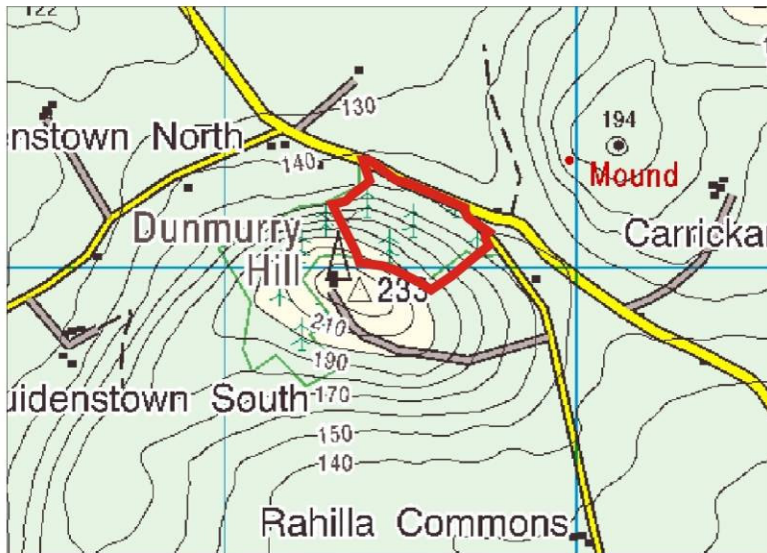
Management/promotion issues

The hillside was forested in the last decade or so, and now the few exposures of mudstones are obscured, but when the forestry is felled, or subject to windfall etc it may provide new exposures to verify the fossils, since the original specimens have been lost.



Two views of the Dunmurry hillside, left in summer of 2005, and right in c.1991 before forestry was planted. Original fossils collected were from near the corner of the field hedge.

Dunmurry Hill



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|---------------------------|---------------------------|----|
| NAME OF SITE | Hill of Allen | | |
| Other names used for site | | | |
| TOWNLAND(S) | Barnacrow | | |
| NEAREST TOWN | Kilmeage | | |
| SIX INCH MAP NUMBER | 18 | | |
| NATIONAL GRID REFERENCE | 275700 220600 = N 757 206 | | |
| 1:50,000 O.S. SHEET NUMBER | 49 | 1/2 inch Sheet No. | 16 |

Outline Site Description

Large working Quarry

Geological System/Age and Primary Rock Type

Upper Ordovician (Caradoc) andesitic lavas (Allen Andesite Formation).

Main Geological or Geomorphological Interest

This site is situated 6km due north of Newbridge along the R415. The Hill of Allen has been heavily excavated on its northwest face. This excavation has exposed part of the Allen Andesite Formation, a massive andesitic lava, which in places within the quarry is porphyritic. This working quarry has excavated deep within the Hill of Allen, leaving an impressive scar on the landscape as well as producing high, vertical cliffs, which border much of the site.

Site Importance

This site is a rare example of andesitic lavas, which otherwise only occur in the Portrane, Lambay and Balbriggan areas, apart from Grange Hill in the Kildare Inlier.

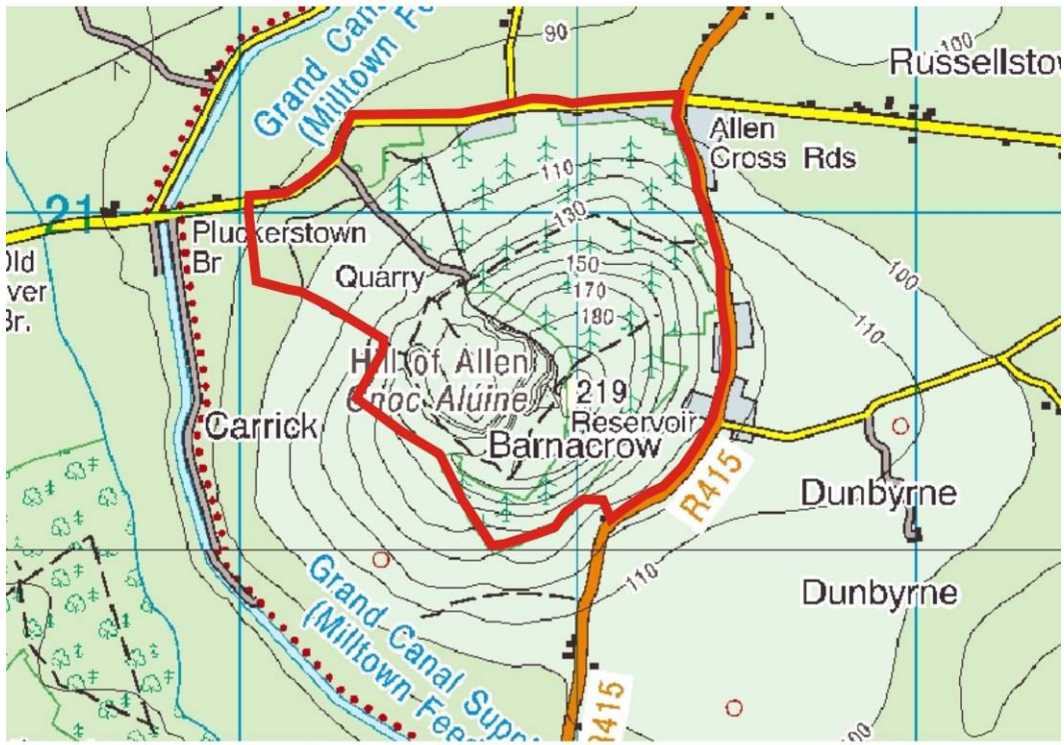
Management/promotion issues

This is a large working quarry operated by Roadstone and as such is a hazardous environment. Therefore this site should not be promoted without appropriate arrangements being made with Roadstone.



Above: Panorama shot of the quarry from the top of the hill.

Hill of Allen



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|-------------------------|---------------------------|----|
| NAME OF SITE | Slate Quarries | | |
| Other names used for site | | | |
| TOWNLAND(S) | Slate Quarries | | |
| NEAREST TOWN | Blessington | | |
| SIX INCH MAP NUMBER | 20, 25 | | |
| NATIONAL GRID REFERENCE | 299000 218000 = N 99 18 | | |
| 1:50,000 O.S. SHEET NUMBER | 56 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A series of quarries on the hillside.

Geological System/Age and Primary Rock Type

Silurian slate formation (Slate Quarries Formation)

Main Geological or Geomorphological Interest

The Townland of Slate Quarries in east Kildare, near Blessington is notable for its Slate Quarries. These slates can be seen in a range of quarries. Kearney Seal Quarries is the most northerly, Stresslite operate in the middle quarry and Frank Murphy Ltd has the lower quarry and the workings to the south of the road through the site. Although the original small quarries were probably for poor quality roofing slates, modern extraction is concentrated in three quarries run by different companies. Their output is for aggregate and concrete products, no longer for slates, which nowadays are generally imported.

Site Importance

The link between the name of the Townland, and the history of use of a natural earth resource is a strong reason for marking this area as a County Geological Site, and a good place to actually see the rocks well exposed.

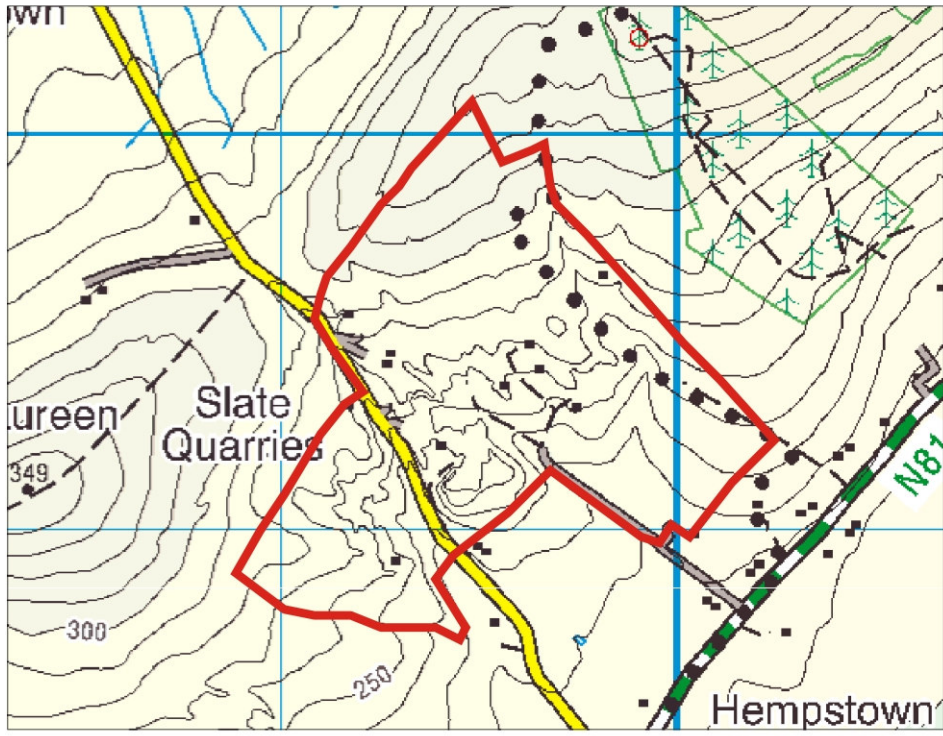
Management/promotion issues

The proposal to include these working quarries as a CGS in no way is intended to limit the operations, but simply to mark their value as a place to see local geology well exposed, and to make the powerful connection between geology and people's everyday lives.



Left: Aggregate quarry within the Slate Quarries townland.
Right: Concrete blocks being manufactured, made from crushed rock aggregate in Frank Murphy Ltd Slate Quarries.

Slate Quarries



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|---------------------------|---------------------------|----|
| NAME OF SITE | Ballysax | | |
| Other names used for site | Kilsaran Concrete Ltd. | | |
| TOWNLAND(S) | Ballysaxhills | | |
| NEAREST TOWN | Kilcullen | | |
| SIX INCH MAP NUMBER | 28 | | |
| NATIONAL GRID REFERENCE | 279000 208500 = N 790 085 | | |
| 1:50,000 O.S. SHEET NUMBER | 55 | 1/2 inch Sheet No. | 16 |

Outline Site Description

Large working sand and gravel pit

Geological System/Age and Primary Rock Type

Quaternary glacial sediments

Main Geological or Geomorphological Interest

This site is located on the southern margin of the Curragh approximately 3km west of Kilcullen. This working quarry has excavated deep into the surrounding area exposing thick layers, up to 60m in places, of glacial sands and gravel. These sands and gravels were deposited as ice contact subaqueous fans during the last Ice Age. There are several other similar gravel pits in the surrounding townlands, with many of them in operation.

Site Importance

The walls of this gravel pit display a number of interesting sedimentary structures, which are an insight into how the landscape of this area, including the Curragh to the north, were formed. Without the presence of such pits these sedimentary structures would be obscured from sight. This working pit also appears to be a habitat for a large number of sand martins, which nest within the open faces of sand and gravel this quarry has exposed.

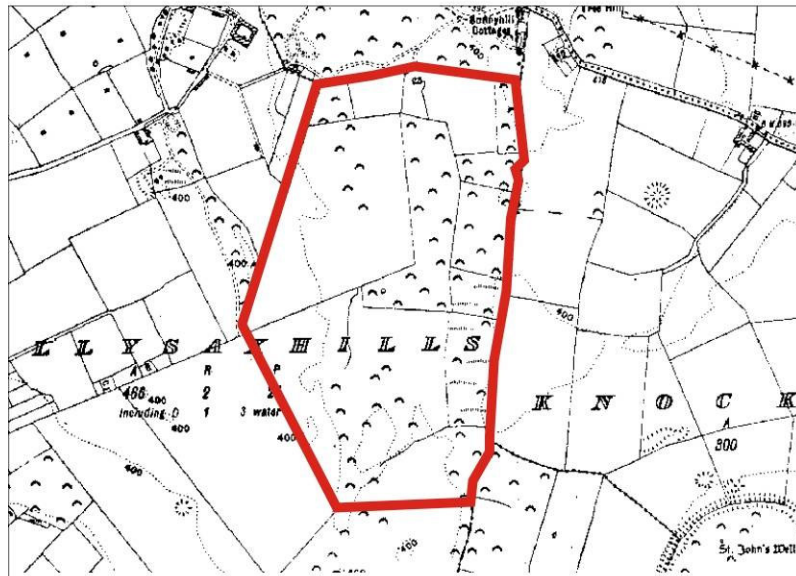
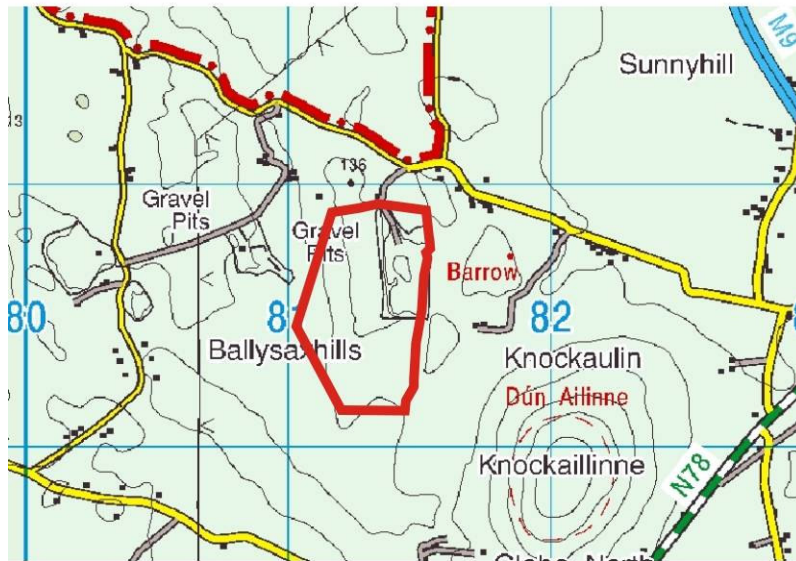
Management/promotion issues

Access to this site is by means of a third class road, from which much of the quarry can be observed from a distance. This site is a working quarry, owned by Kilsaran Concrete Ltd., with heavy machinery in operation and therefore is not suitable for general promotion without proper arrangements being made with the operators.



Above: Machinery used to refine the extracted gravel.
Right: Exposed sand and gravel within the hill in the background. Settling pond can be seen in the foreground.

Ballysax



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | |
|-----------------------------------|---------------------------------|
| NAME OF SITE | Glen Ding |
| Other names used for site | |
| TOWNLAND(S) | Blessington |
| NEAREST TOWN | Blessington |
| SIX INCH MAP NUMBER | 25 |
| NATIONAL GRID REFERENCE | 296200 215400 = N 962 154 |
| 1:50,000 O.S. SHEET NUMBER | 56 1/2 inch Sheet No. 16 |

Outline Site Description

A dry glacial channel

Geological System/Age and Primary Rock Type

Quaternary (Pleistocene) glacial till cutting into Silurian greywackes and shale.

Main Geological or Geomorphological Interest

This heavily wooded glacial spillway displays a pronounced curved channel running approximately north south along the R410 road for about 1.5km. The surrounding area is reported to have extensive deltaic deposits. There is little visible outcrop exposure due to the high levels of vegetation and the abundance of glacial sediment. The formation of this glacial spillway is probably due to flowing meltwater from a glacially dammed lake during the Quaternary.

Site Importance

This is one of a range of such glacial spillways abundant in West Wicklow but represents a good example in Kildare and should be listed as a County Geological Site.

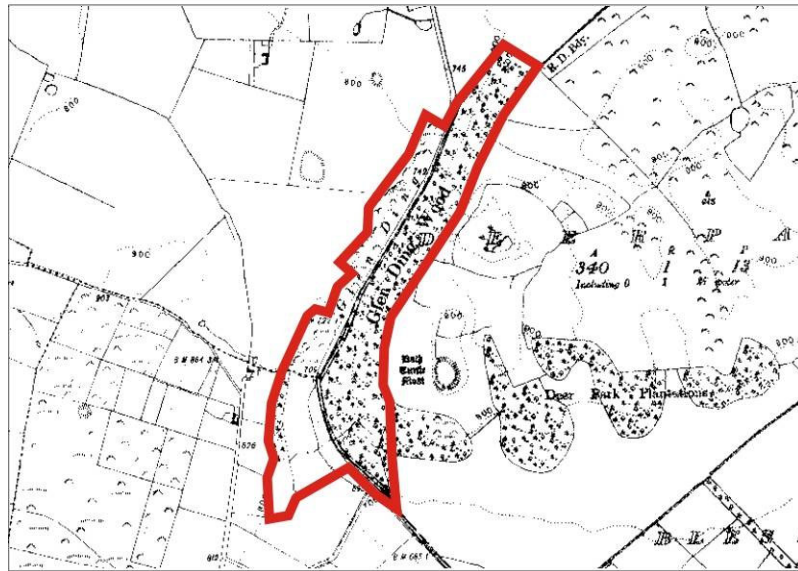
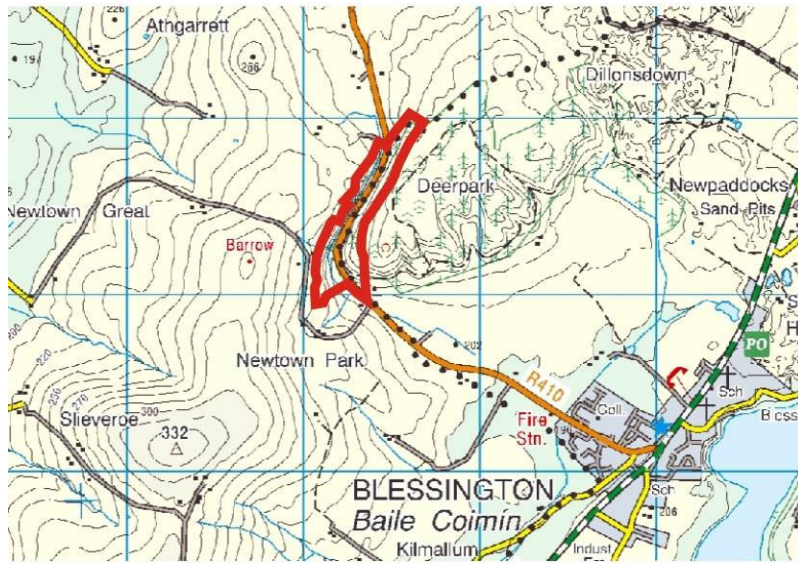
Management/promotion issues

The land is privately owned (owner unknown). Much of the site is very steep and heavily wooded making access difficult. Access to the glen itself is along a dangerous stretch of the R410 road, which has a large number of heavy goods vehicles passing by. Not suitable for general promotion without permission from the landowner and a safe access point.



Above: Panoramic view of Glen Ding from the south.
Left: View of Glen Ding from the north.

Glen Ding



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|-------------------------|---------------------------|----|
| NAME OF SITE | Moorhill | | |
| Other names used for site | | | |
| TOWNLAND(S) | Kilcullen | | |
| NEAREST TOWN | Brannockstown | | |
| SIX INCH MAP NUMBER | 29 | | |
| NATIONAL GRID REFERENCE | 288000 207000 = N 88 07 | | |
| 1:50,000 O.S. SHEET NUMBER | 55 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A dry glacial spillway.

Geological System/Age and Primary Rock Type

Quaternary (Pleistocene) glacial till cutting into Silurian greywackes.

Main Geological or Geomorphological Interest

This 1.5km long, north-south trending glacial spillway has a broad gently sloping base with steep heavily wooded sides. A disused railway line has taken the natural path of this spillway. Outcrops of inverted greywackes reported to contain rare sedimentary features, are exposed in places along the path of the old railway line. High levels of vegetation means that access to these outcrops are difficult. The formation of this channel itself is due to flowing meltwater from a glacially dammed lake during the Quaternary.

Site Importance

This is one of a range of such glacial spillways abundant in West Wicklow but represents a good example in Kildare and should be listed as a County Geological Site.

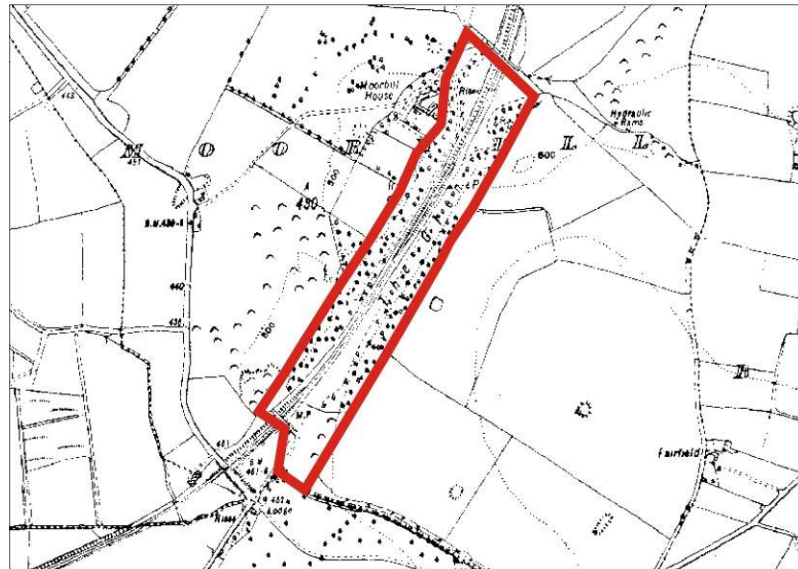
Management/promotion issues

The land is privately owned (owners unknown). Access to the site seems to be locally accepted although landowners were not located. The path of the old railway line has produced a good clear pathway for the southern half of the channel but fallen trees and overgrown vegetation hinders access to the north. Not suitable for general promotion without permission from the landowner and appropriate arrangements organised.



Left: Greywacke outcrop exposed.
Right: Old railway line running along glacial spillway.

Moorhill



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|-------------------------------------|---------------------------|----|
| NAME OF SITE | Pollardstown Fen and springs | | |
| Other names used for site | | | |
| TOWNLAND(S) | Pollardstown, Morrinstownbiller | | |
| NEAREST TOWN | Newbridge | | |
| SIX INCH MAP NUMBER | 23 | | |
| NATIONAL GRID REFERENCE | 278250 215060 = N 7825 1506 | | |
| 1:50,000 O.S. SHEET NUMBER | 55 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A calcareous spring-fed fen.

Geological System/Age and Primary Rock Type

Quaternary (Holocene).

Main Geological or Geomorphological Interest

Pollardstown Fen is a large marshland that covers an area approximately 2.2km² just northwest of Newbridge. The formation of Pollardstown Fen began after the last Ice Age, due to the configuration of glacial deposits and groundwater flow patterns. Due to the influx of mineral rich waters from several calcareous springs, mainly originating from the Curragh area, peat accumulated to eventually form a groundwater fed bog known as a fen. The Fen is made up of a central lake, reed swamps, forestry on its northern margins and a large number of springs. Some of the most obvious calcareous springs, which feed this area, can be seen on the south side of Pollardstown Fen. The Seven Springs Complex is one such example; this is a large calcareous spring, with a surface area of about 25m² and about 1.5-2m deep. Its waters appear to be clean as well as crystal clear. This spring is located at the southernmost end of the Pollardstown Fen National Natural Reserve.

Site Importance

This site is the largest remaining calcareous spring-fed fen in Ireland. Pollardstown Fen is recognised internationally for its extensive vegetation of Black Bog Rush and Saw Sedge. This habitat supports a great number of threatened plant species such as the Fly Orchid, Fen Bedstraw and Tufted Sedge to name a few. The Fen is also home to a large number of animals, bird life in particular and is very popular amongst birdwatchers, with rare species such as Marsh Harriers being observed.

Management/promotion issues

As this site is a state owned National Nature Reserve, established on 15 December 1986. It is also designated as an NHA and SAC. Entrance to the Fen is by means of a small pathway, which is signposted along the main road. There is also an information board within Pollardstown Fen explaining the wildlife and the formation of the marshlands. Great care should be taken while walking through Pollardstown Fen as drainage ditches, watercourses and soak holes are deep and in many places hidden by vegetation. It is important to note that Irish law protects all flora and fauna within this reserve area.

The inclusion of the Fen within this report, is belated recognition of the geodiversity element, which has provided the biodiversity which is already protected and widely recognised for its value.

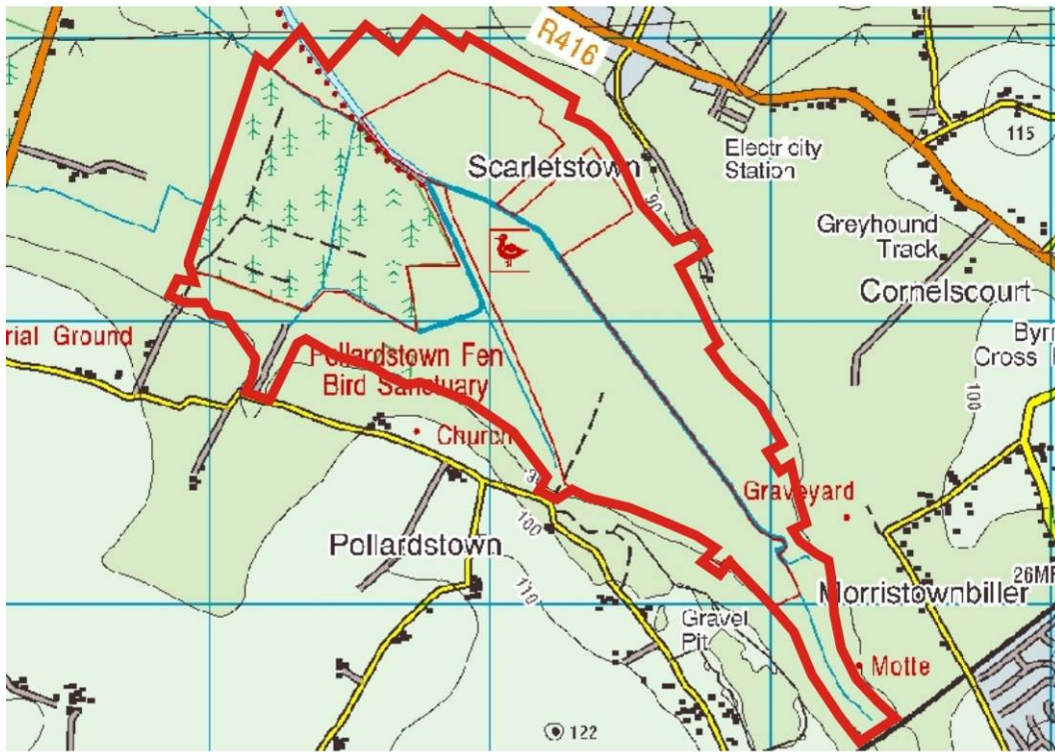


Top Left: Pathway through Pollardstown Fen

Top Right: Seven Springs, one of the many springs feeding the Fen.

Above: Panorama view of Pollardstown Fen, displaying the abundance of Saw Sedge.

Pollardstown Fen and Springs



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|------------------------------|---------------------------|----|
| NAME OF SITE | The Curragh | | |
| Other names used for site | | | |
| TOWNLAND(S) | Numerous | | |
| NEAREST TOWN | An Droichead Nua (Newbridge) | | |
| SIX INCH MAP NUMBER | 23 & 28 | | |
| NATIONAL GRID REFERENCE | 279000 211000 = N 79 11 | | |
| 1:50,000 O.S. SHEET NUMBER | 55 | 1/2 inch Sheet No. | 16 |

Outline Site Description

The core area of the Curragh grasslands.

Geological System/Age and Primary Rock Type

Quaternary sand and gravel deposits.

Main Geological or Geomorphological Interest

Situated 1km south of Newbridge, this area is a unique deposit of fluvio-glacial gravels, which can reach thicknesses of about 70m. This is known as a Proglacial fluvial landscape. The Curragh plains are representative of the surrounding area to the north and south of this site, covering a wide section of Kildare. It is associated with numerous springs that feed Pollardstown Fen to the north. The adjoining gravel pit sites such as Ballysax are outside the protected area of the Curragh, but are within the same geomorphological feature.

Site Importance

Apart from the obvious importance of the Curragh such as the military camp, the racecourse and the Curragh's extensive agricultural use with respect to sheep grazing, the Curragh has an important geomorphological significance. This is one of the best examples of a proglacial fluvial landscape in Ireland, which is often unrecognised compared to the Curragh's other interests.

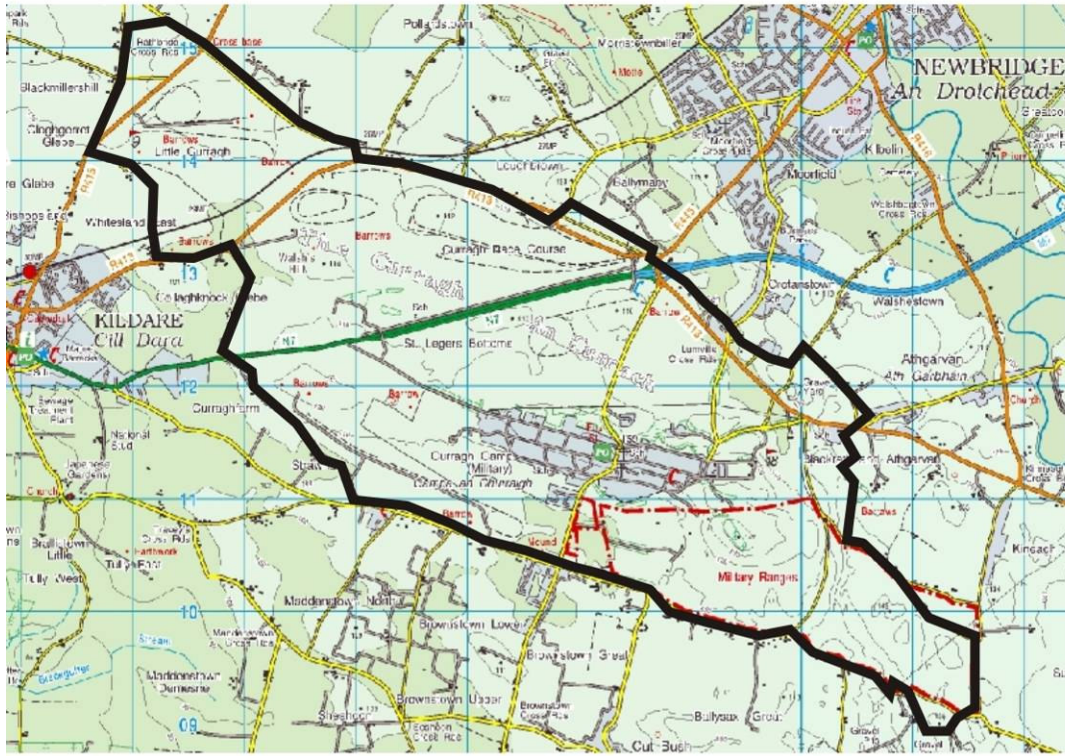
Management/promotion issues

This site is well managed and already holds an NHA designation for its biodiversity. As parts of the Curragh are used for military exercises, permission should be sought before entering these areas, and caution exercised when red flags are flying (meaning live fire exercises are in progress). The landscape should not be modified by golf course construction or other new ground disturbance within the protected area.



Above: Panorama view of the Curragh looking toward the Curragh Racecourse.

The Curragh



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|--------------------------|---------------------------|----|
| NAME OF SITE | Ballykane Hill | | |
| Other names used for site | | | |
| TOWNLAND(S) | Kilrainy | | |
| NEAREST TOWN | Edenderry | | |
| SIX INCH MAP NUMBER | 3 | | |
| NATIONAL GRID REFERENCE | 265714 240191 = N657 401 | | |
| 1:50,000 O.S. SHEET NUMBER | 49 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A disused quarry on Ballykane Hill

Geological System/Age and Primary Rock Type

Carboniferous limestones, with Edenderry Oolite Formation infilling fissures within Waulsortian mudbank limestones.

Main Geological or Geomorphological Interest

The quarry demonstrates an interesting section of Carboniferous limestones, with Edenderry Oolite Formation infilling fissures within Waulsortian mudbank limestones. However it is poorly exposed and the old quarry must never have been extensive. Fossiliferous exposure is relatively common, with crinoidal limestone. Turner (1948) recorded a coral and 8 brachiopod species from this quarry. Wyse Jackson (2001) has recorded many additional species of different types.

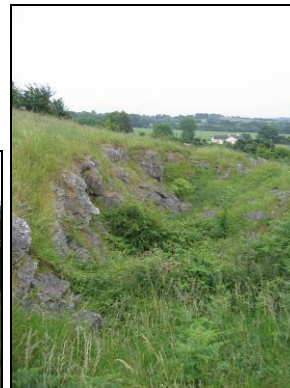
Site Importance

The site merits inclusion as a County Geological Site for the unusual Carboniferous limestone relationships and the relative rarity of such sites in Kildare, as well as a rich fossil fauna.

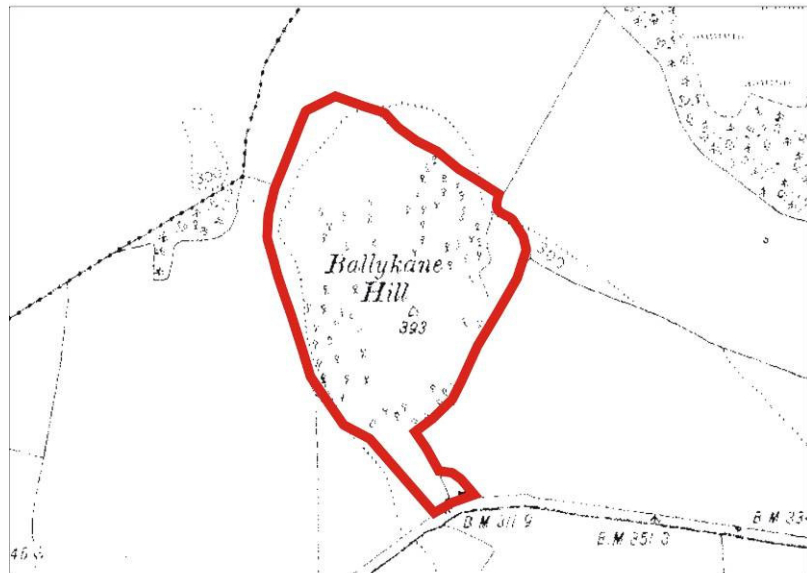
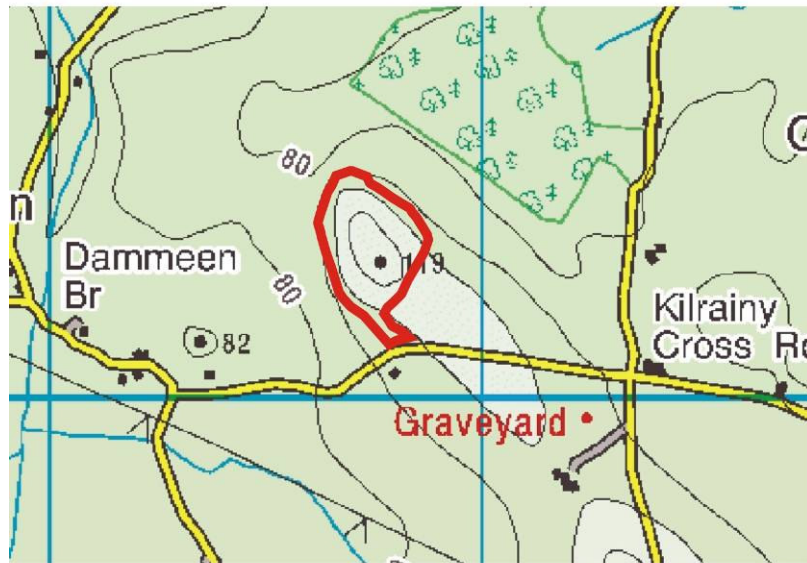
Management/promotion issues

The abandoned quarry is on private property and unsuitable for general promotion without appropriate arrangements agreed with the landowners. However, it is understood that local schools have used it over many years to seek fossils and look at geology in the field. There are no major cliffs or drops, so it is relatively safe. The adjacent Kilsaran quarry to the west is now approaching very close and may eventually consume the older quarry.

Below: a panorama view of the quarry entrance area.
Bottom: some crinoidal limestone.
Right: One of the overgrown upper quarry exposures



Ballykane Hill



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|-----------------------------|---------------------------|----|
| NAME OF SITE | Carbury Castle | | |
| Other names used for site | | | |
| TOWNLAND(S) | Carbury | | |
| NEAREST TOWN | Edenderry | | |
| SIX INCH MAP NUMBER | 8 | | |
| NATIONAL GRID REFERENCE | 271100 235350 = N 7110 3535 | | |
| 1:50,000 O.S. SHEET NUMBER | 49 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A disused quarry at the north end of Carbury Hill below the ruined castle.

Geological System/Age and Primary Rock Type

Carboniferous limestones, 'Calp' as found across a wide area of the Dublin Basin and Irish Midlands.

Main Geological or Geomorphological Interest

The quarry exposes good sections of Calp limestones; individual beds of limestone around 10-40cm thick in general with thin interbedded black shales. These were formed in a deeper water marine basin environment, and this particular quarry demonstrates instability in the environment of deposition. A number of slumps are evident, with soft sedimentary deformation of the beds and truncated units on the slide or slump surfaces. These are sections where unconsolidated sediments have slid or moved downslope in patches, disrupting previous beds and breaking the regularity of sedimentary beds.

Site Importance

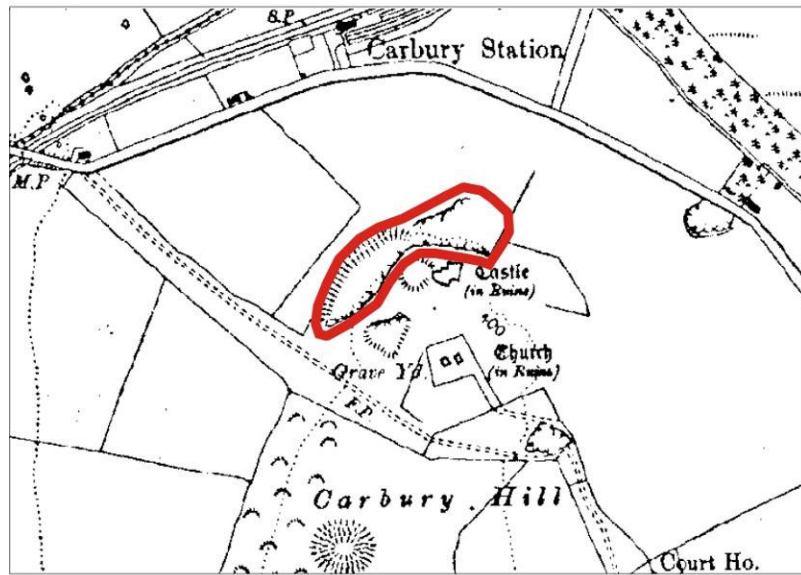
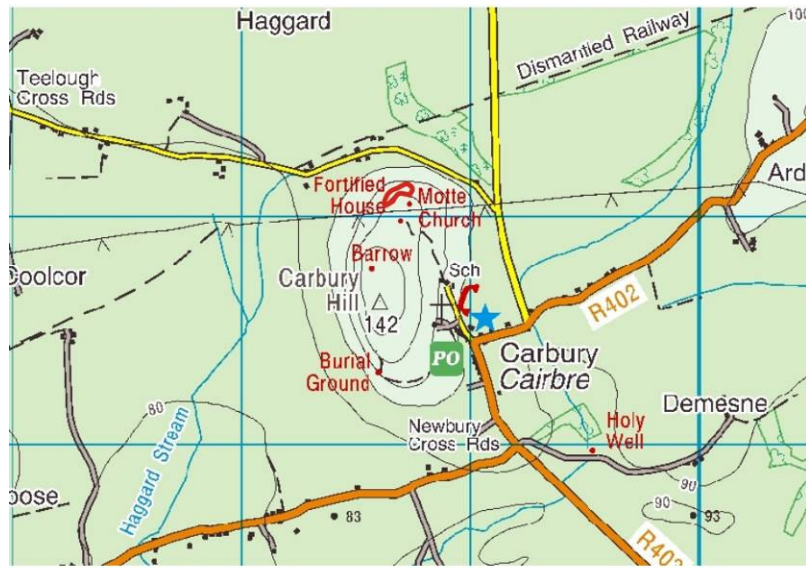
Good exposed sections of Calp limestones are relatively uncommon and the additional sedimentary environmental data derived from the slumps makes this a site certainly worthy of County Geological Site status. It may also be considered as an NHA under the IGH 8 Carboniferous theme.

Management/promotion issues

The land is privately owned (owner unknown) although access to the Castle is seemingly traditionally accepted from the presence of stiles, presumed rights of way to the churchyard and from requests for access made locally during assessment. Not suitable for general promotion without permission from the landowner and appropriate arrangements organised. Suitable for use by geological field groups with permission. If such can be arranged, the face would benefit from limited vegetation (couch grass and ash trees saplings etc) removal on the key slumped localities.



Carbury Castle



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|---------------------------|---------------------------|----|
| NAME OF SITE | Carrick Hill | | |
| Other names used for site | | | |
| TOWNLAND(S) | Carrick | | |
| NEAREST TOWN | Edenderry | | |
| SIX INCH MAP NUMBER | 2 | | |
| NATIONAL GRID REFERENCE | 263500 237400 = N 635 374 | | |
| 1:50,000 O.S. SHEET NUMBER | 49 | 1/2 inch Sheet No. | 16 |

Outline Site Description

Disused quarry and hillside exposures.

Geological System/Age and Primary Rock Type

Lower Carboniferous oolitic limestones (Edenderry Oolite Formation).

Main Geological or Geomorphological Interest

Oolitic limestone found in old quarry displaying vertical jointing, which should not be confused with bedding. The oolitic limestone outcrops just south of the quarry on the south face of Carrick Hill. A glacially transported quartz porphyry erratic known as the Witches Stone can be seen near these outcrop exposures.

Site Importance

A rare example of Carboniferous limestone bedrock within Kildare, of one uncommon rock type, the site is definitely a County Geological Site, but may be selected as an NHA in the future.

Management/promotion issues

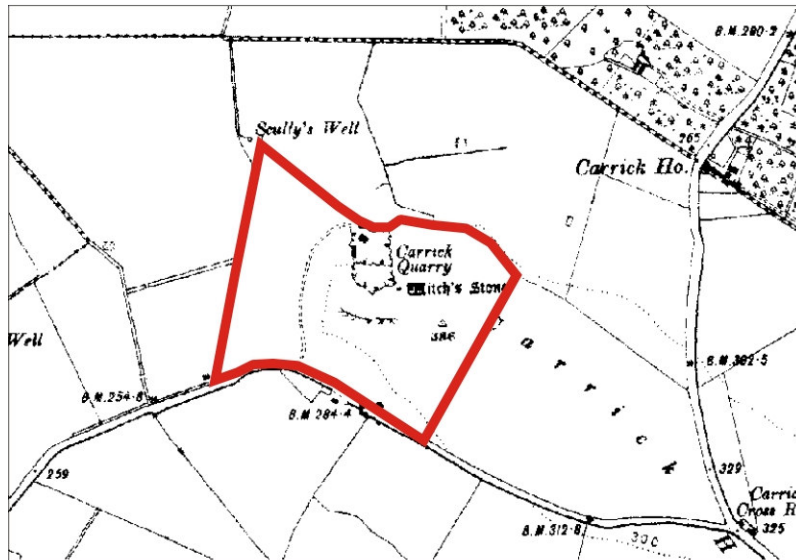
Access to the abandoned quarry is from the south through a small laneway, which opens up into the base of the quarry near an old limekiln. This site is on private property and unsuitable for general promotion without appropriate arrangements agreed with the landowners. Even though the area is fenced off there are steep cliffs bordering the quarry making the site potentially unsafe.



Above: Panoramic view of the disused quarry at Carrick Hill.
Right: Photo of near vertical joints within Edenderry Oolite Formation.



Carrick Hill



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|--------------------------|---------------------------|----|
| NAME OF SITE | Liffey Oxbow | | |
| Other names used for site | | | |
| TOWNLAND(S) | Friarstown | | |
| NEAREST TOWN | Celbridge | | |
| SIX INCH MAP NUMBER | 11 | | |
| NATIONAL GRID REFERENCE | 295000 230700 = N950 307 | | |
| 1:50,000 O.S. SHEET NUMBER | 50 | 1/2 inch Sheet No. | 16 |

Outline Site Description

Abandoned oxbow lake of a River Liffey meander

Geological System/Age and Primary Rock Type

N/A

Main Geological or Geomorphological Interest

This site, situated 3km southwest of Celbridge displays both an existing oxbow lake as well as a remnant oxbow lake, which are within 300m of one another. The geomorphology of the surrounding land adjacent to these fluvial features displays previous pathways that the Liffey had taken.

Site Importance

This site is an excellent example of both existing and remnant oxbow lakes.

Management/promotion issues

The site is in the Liffey floodplain and is within good grassland used for grazing. Public access is therefore not suitable and the site is not recommended for public promotion even though it is near textbook example. It is also hard to see quite subtle features, but does make a good potential teaching example.



Top: Aerial photograph of the Liffey Oxbow, showing the pronounced meanders of the river, which produce this feature.

Bottom: 6inch map.

KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | |
|-----------------------------------|---|
| NAME OF SITE | Liffey Valley |
| Other names used for site | |
| TOWNLAND(S) | Numerous |
| NEAREST TOWN | Ballymore Eustace |
| SIX INCH MAP NUMBER | 29 |
| NATIONAL GRID REFERENCE | 284000 210000, 293000 209000 = N 84 10, N 93 09 |
| 1:50,000 O.S. SHEET NUMBER | 55,56 1/2 inch Sheet No. 16 |

Outline Site Description

Floodplain and meander formations.

Geological System/Age and Primary Rock Type

Holocene (last 10,000 years) postglacial material overlying Silurian greywackes, siltstones and shales.

Main Geological or Geomorphological Interest

The broad floodplains and large-scale meanders of the Liffey Valley east of Ballymore Eustace are on such a large scale that it is hard to appreciate them from ground level. Using aerial photography these features become quite apparent.

Site Importance

This broad floodplain with classic meander formations is one of the finest in Ireland and should be recommended for...

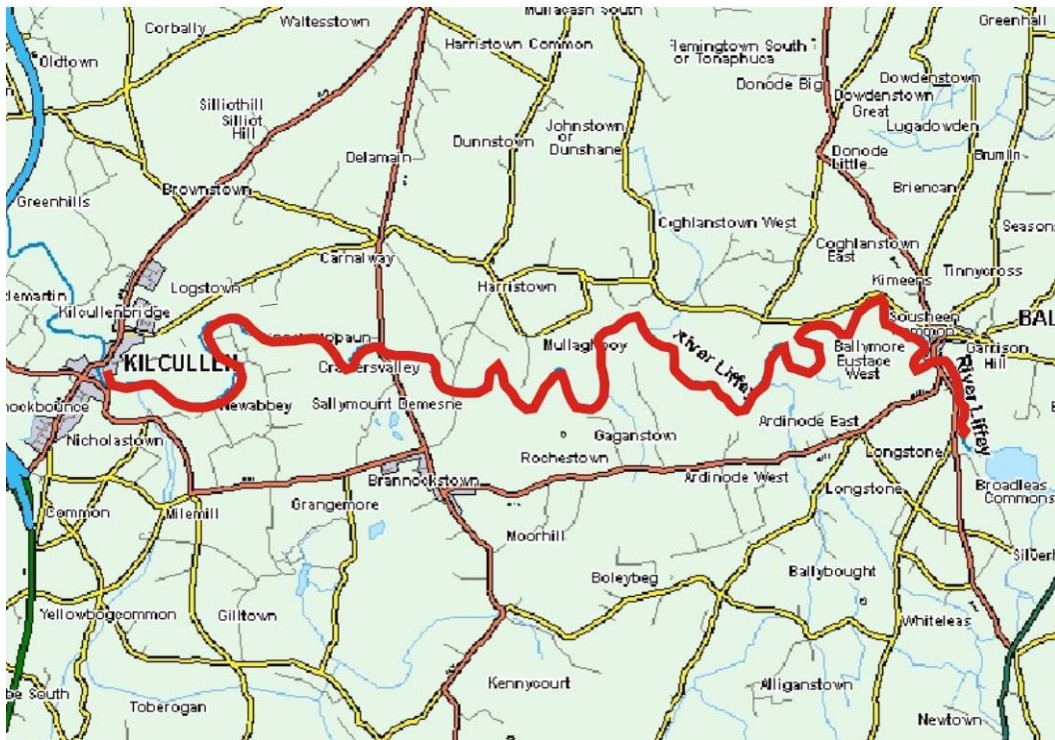
Management/promotion issues

There is a pre-existing River Liffey walk, which is maintained by the Ballymore Eustace Community Development Association. The River Liffey walk can be accessed on the north side of the bridge coming into Ballymore Eustace. Apart from this walkway any other access to the river appears to be through private land. It is important to note that as this site is situated on a floodplain and therefore development of the area may be held back, and therefore preserving this impressive stretch of the Liffey.



Above: Aerial photograph of the River Liffey meanders.
Left: Bridge at Ballymore Eustace.
Right: Sign for walkway.

Liffey Valley



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|---------------------------------|---------------------------|----|
| NAME OF SITE | Kilbrook Spring | | |
| Other names used for site | Enfield Spring, Innfield Spring | | |
| TOWNLAND(S) | Kilbrook | | |
| NEAREST TOWN | Enfield | | |
| SIX INCH MAP NUMBER | 4 | | |
| NATIONAL GRID REFERENCE | 281460 242200 = N 8146 4220 | | |
| 1:50,000 O.S. SHEET NUMBER | 49 | 1/2 inch Sheet No. | 16 |

Outline Site Description

Warm spring within disused gravel pits.

Geological System/Age and Primary Rock Type

Warm spring uncovered during excavation of Quaternary gravels

Main Geological or Geomorphological Interest

A warm spring which has recorded the highest temperature (24.7° in 1982) and was one of the highest mean temperatures (around 22°) in any Irish warm spring in either the Leinster or the Munster warm spring provinces. Boreholes drilled in the vicinity indicate that the warm water is derived from deep below the surface and makes its way to the surface by a fault. Most springs are derived from near surface aquifers. The spring was first exposed in about 1890 when gravels were being excavated for the nearby railway line.

Site Importance

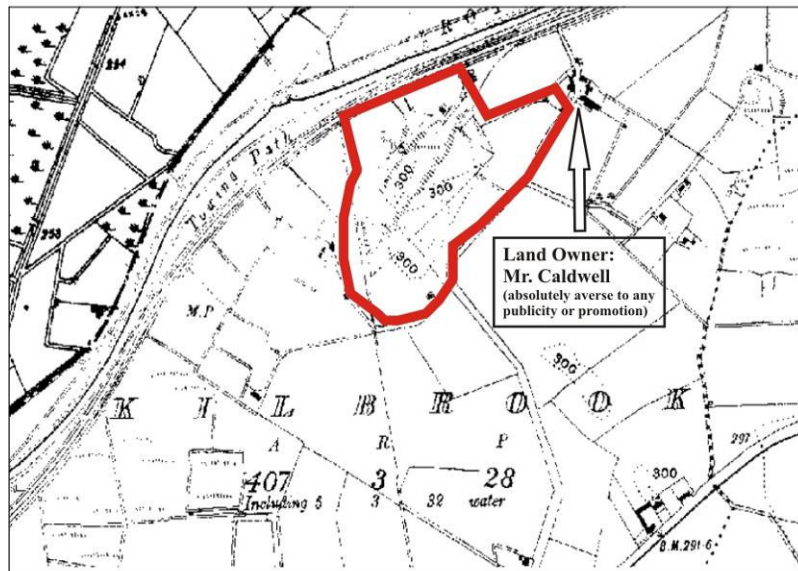
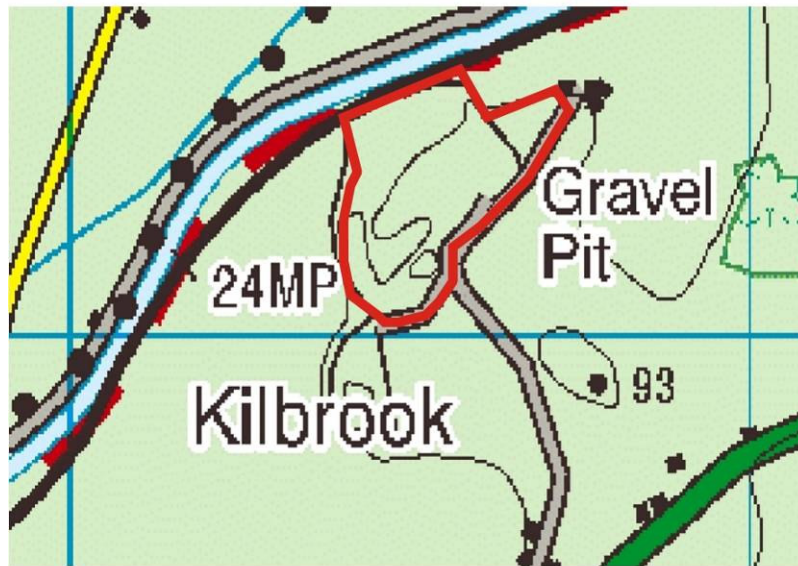
The site is superficially uninspiring in a disused gravel pit, but is potentially still of scientific importance. The landowner, Mr Caldwell, reported that he had moved the gravel heaps around the spring to reduce the very high drops for safety reasons. It is presumed that this was done since Fahy (1975) undertook his ecological study. It is unclear whether high temperatures are still a feature of the spring.

Management/promotion issues

The landowner, Mr Caldwell who lives at the adjacent farm, is absolutely averse to any publicity or promotion of the site due to insurance concerns and previous bad experience with visitors. The site should not be promoted but probably remains scientifically important and should be made a County Geological Site to protect the spring. This would enable future monitoring of temperature or other study to compare with older records.



Kilbrook Spring



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|----------------------------------|---------------------------|----|
| NAME OF SITE | Louisa Bridge Cold Spring | | |
| Other names used for site | Louisa Bridge Spa | | |
| TOWNLAND(S) | Leixlip | | |
| NEAREST TOWN | Leixlip | | |
| SIX INCH MAP NUMBER | 11 | | |
| NATIONAL GRID REFERENCE | 299450 236630 = N9945 3663 | | |
| 1:50,000 O.S. SHEET NUMBER | 50 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A cold spring associated with a warm spring formerly used as a spa.

Geological System/Age and Primary Rock Type

Presumably derived from shallow bedrock or Quaternary deposits.

Main Geological or Geomorphological Interest

Temperatures at Louisa Bridge cold spring have been recorded in the past as ranging between 6 and 14°C (Burdon 1983). The spring is characterised by a generally low flow rate, with long periods during the summer when there is no flow. With such low flow rates, the water temperature is controlled to some extent by ambient air temperature, accounting for the seasonal variation in water temperatures. The maximum temperatures occur in August and September and minimum recorded in February and March (Burdon 1983). The spring pool covered a surface area of approximately 20 m².

Site Importance

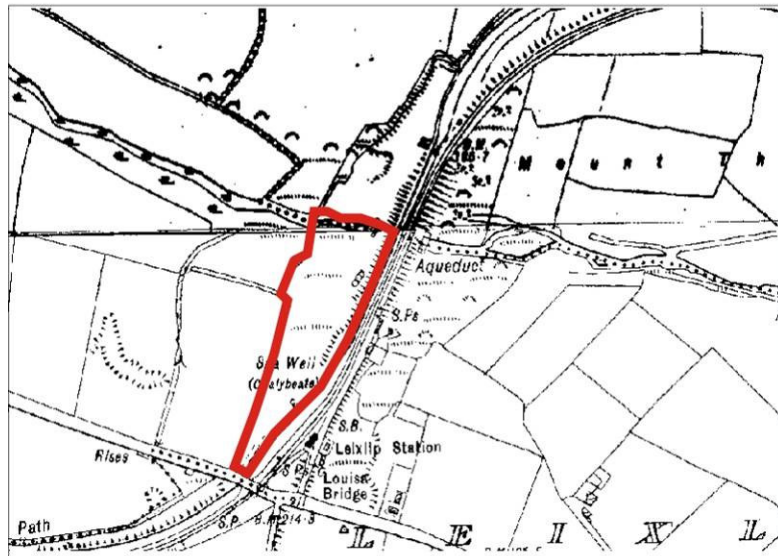
As part of the Louisa Bridge spring complex and spa it is certainly worthy of CGS status.

Management/promotion issues

The site has been significantly cleared up after major abuse when used as a halting site. The cold spring pool is heavily vegetated and the structure could do with some clearance (right hand photo below is from c.1983 showing the structure clearly). The water quality appears to be poor, with some litter. On the assumption that it is on Kildare County Council land, it is clearly an ongoing problem to maintain the site in a reasonable state. Alternatively if a local group is clearing it up occasionally, CGS recognition and Council support may be effective in keeping the site clean.



Louisa Bridge Cold Spring



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|----------------------------------|---------------------------|----|
| NAME OF SITE | Louisa Bridge Warm Spring | | |
| Other names used for site | Louisa Bridge Spa | | |
| TOWNLAND(S) | Leixlip | | |
| NEAREST TOWN | Leixlip | | |
| SIX INCH MAP NUMBER | 11 | | |
| NATIONAL GRID REFERENCE | 299470 2367500 = N9947 3675 | | |
| 1:50,000 O.S. SHEET NUMBER | 50 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A warm spring formerly used as a spa.

Geological System/Age and Primary Rock Type

The spring is presumably derived from Carboniferous Limestone bedrock at depth.

Main Geological or Geomorphological Interest

Louisa Bridge warm spring is located close to the Royal Canal and was uncovered during canal construction in 1794. By the end of the 18th century the site had been developed as a spa but by the late 19th century the site was failing to attract visitors and fell into disrepair. Development of this spring as a spa involved the construction of an elongated oval stone well chamber with a series of steps descending towards the centre and this structure remains relatively intact today. The chamber is approximately 0.7 m deep at the centre and is fed from a single point inflow towards one end. The substratum in the chamber was primarily highly organic sulphurous black mud. Water levels in the chamber fluctuate during the year, however the surface area remained relatively constant, measuring approximately 50 m². Heavy pollution has been a problem at this site and domestic refuse dumping and general neglect, which has resulted in severe degradation in both water and general ecological quality.

Site Importance

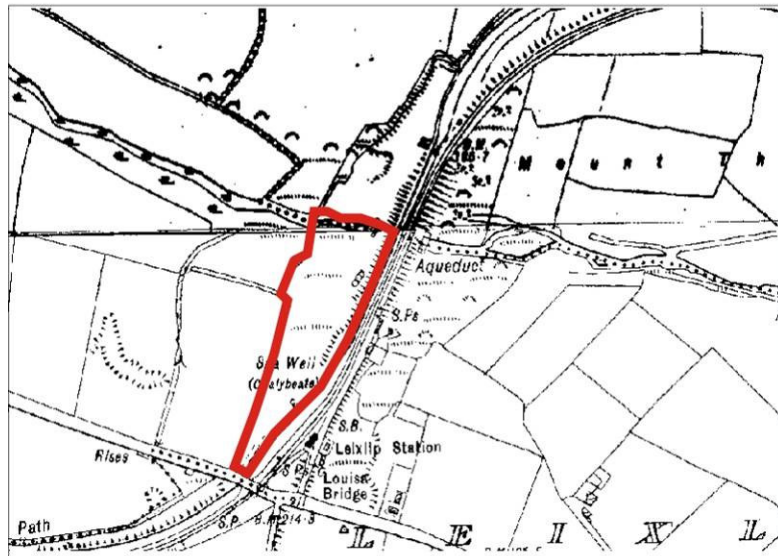
As part of the Louisa Bridge spring complex and spa it is certainly worthy of CGS status.

Management/promotion issues

The site has been significantly cleared up after major abuse when used as a halting site, including cars reportedly dumped into the structure. However, it is still subject to abuse by local residents using it as a drinking place and throwing their rubbish in. Some local boys present at time of visit reported that the rubbish present was thrown there since it was cleaned out a few weeks previously. On the assumption that it is on Kildare County Council land, it is clearly an ongoing problem to maintain the site in a reasonable state. Alternatively if it is a local group clearing it up, CGS recognition and Council support may be effective in keeping the site clean.



Louisa Bridge Warm Spring



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|--|---------------------------|----|
| NAME OF SITE | St. Bridget's Well - Japanese Gardens | | |
| Other names used for site | | | |
| TOWNLAND(S) | Kildare | | |
| NEAREST TOWN | Kildare | | |
| SIX INCH MAP NUMBER | 22 | | |
| NATIONAL GRID REFERENCE | 273500 211000 = N 735 110 | | |
| 1:50,000 O.S. SHEET NUMBER | 55 | 1/2 inch Sheet No. | 16 |

Outline Site Description

Spring supplying Japanese Gardens.

Geological System/Age and Primary Rock Type

N/A

Main Geological or Geomorphological Interest

This site is located beside the car park of the Japanese Gardens 1km south of Kildare Town. The spring is contained within a semi-circular stone chamber constructed in 1953. Two steps lead down into the well, which is approximately 1.5m in diameter. An overflow channel leads into a small stream across the road 20m away. The mean water depth is approximately 0.5m and the substratum is composed of a thick layer of black organic mud. Green algae can be observed in parts of the well and is abundant along the overflow channel.

Site Importance

This site is simply a good example of a spring in a publicly accessible place, and is of County Geological Site status, but not of national importance. A further, nearby spring is also called St. Bridget's Well.

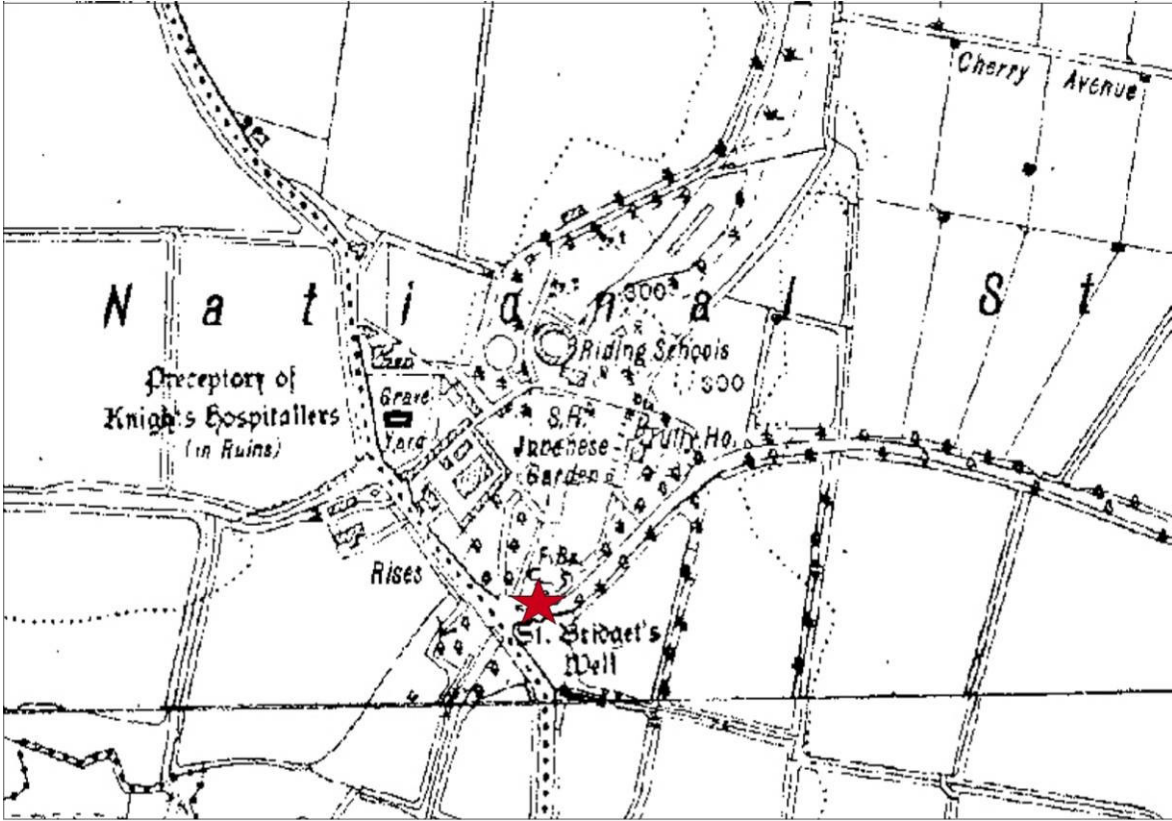
Management/promotion issues

The site has been maintained and looked after as a Holy Well. Access is through the gardens car park or from the main road.



Left: St. Bridget's Well
Right: Overflow channel

St. Bridget's Well



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|-----------------------------|---------------------------|----|
| NAME OF SITE | St. Patrick's Well 1 | | |
| Other names used for site | | | |
| TOWNLAND(S) | Barretstown | | |
| NEAREST TOWN | Naas | | |
| SIX INCH MAP NUMBER | 18 | | |
| NATIONAL GRID REFERENCE | 282920 219200 = N 8292 1920 | | |
| 1:50,000 O.S. SHEET NUMBER | 55 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A warm spring

Geological System/Age and Primary Rock Type

N/A

Main Geological or Geomorphological Interest

This warm spring 5km west of Naas is almost completely covered by a holy well chamber, which was originally built in 1938 and later restored in 2004. Only one side of this chamber is open, allowing access to the warm spring. The depth of the water within this well is about 1m. The spring has a constant flow of water, which overflows into a drainage channel. This channel runs into the River Liffey approximately 40m southeast from this location. The substratum is composed of a thick layer of black organic mud littered with leaves and coins. Along the walls of the chamber deposits of calcite can be observed.

Site Importance

Although not one of the warmest, this spring is an important example of the warm spring province of the Kildare-Meath border area in north west Leinster, and deserves CGS status for that reason.

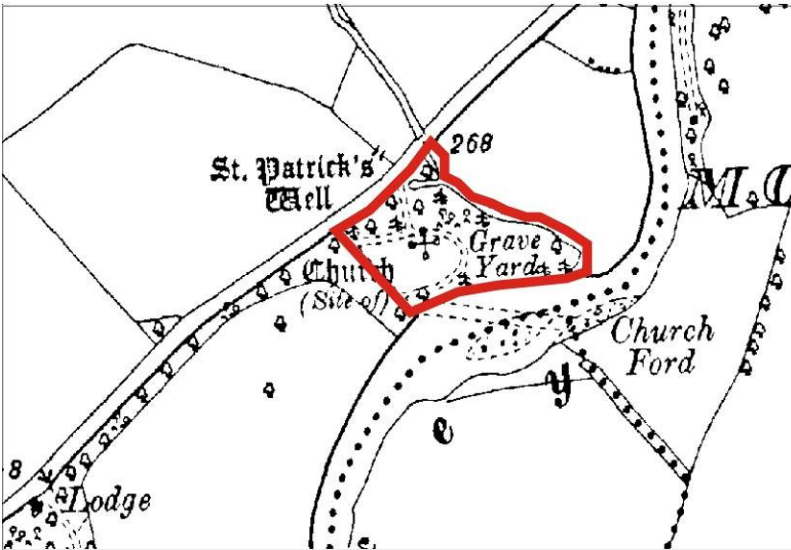
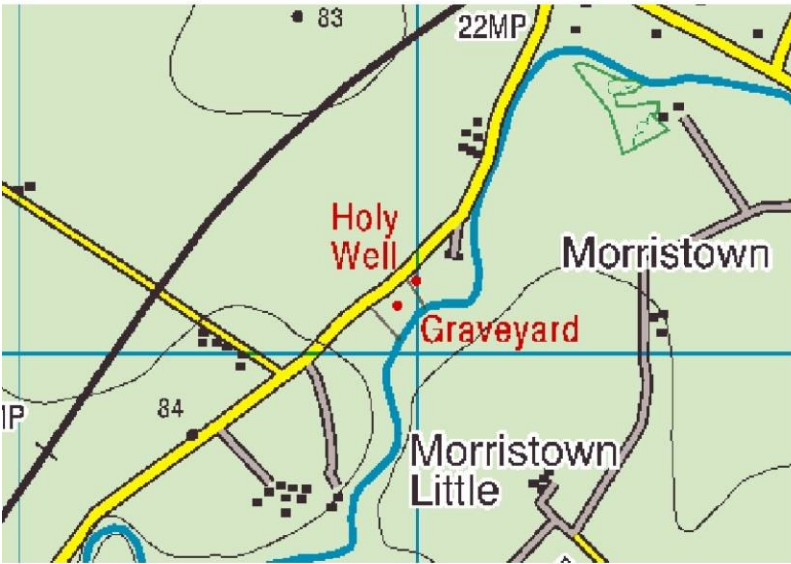
Management/promotion issues

St. Patrick's well is located within a graveyard and visitors are welcome to the site. Restoration work has been done on the spring recently and the chamber around the spring appears to be well maintained.



Left: St. Patrick's Well
Middle: Chamber covering well
Right: Drainage channel flowing into the Liffey

St. Patrick's Well 1



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|--------------------------------|---------------------------|----|
| NAME OF SITE | St. Patrick's Well No 2 | | |
| Other names used for site | | | |
| TOWNLAND(S) | Ardrass Upper | | |
| NEAREST TOWN | Celbridge | | |
| SIX INCH MAP NUMBER | 10 | | |
| NATIONAL GRID REFERENCE | 294300 231700 = N943 317 | | |
| 1:50,000 O.S. SHEET NUMBER | 50 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A warm spring

Geological System/Age and Primary Rock Type

The spring water presumably derives its warmth from Carboniferous Limestone bedrock at depth via a fault, rather than being from a shallow aquifer, as the hill behind the spring is small.

Main Geological or Geomorphological Interest

This site is located at the base of St. Patrick's Hill in Ardrass Lower, approximately 5 km southwest of Celbridge town. The spring is contained in a circular stone chamber, which is half covered with a large stone plinth. The sunken well chamber is approximately 1.5 m in diameter and the site is surrounded with a heavy growth of ditch and scrub vegetation. Canopy cover is substantial. The mean water depth was approximately 1 m and the substratum was composed of a thick layer of black organic mud and decomposing leaf material. There is another known hot spring, which was not found but is believed to be located on the opposite side of St. Patrick's Hill although some confusion may have occurred in numbering of St Patrick's Wells previous reports. This well is just in Ardrass Upper, but maybe named as in Ardrass Lower in some reports.

Site Importance

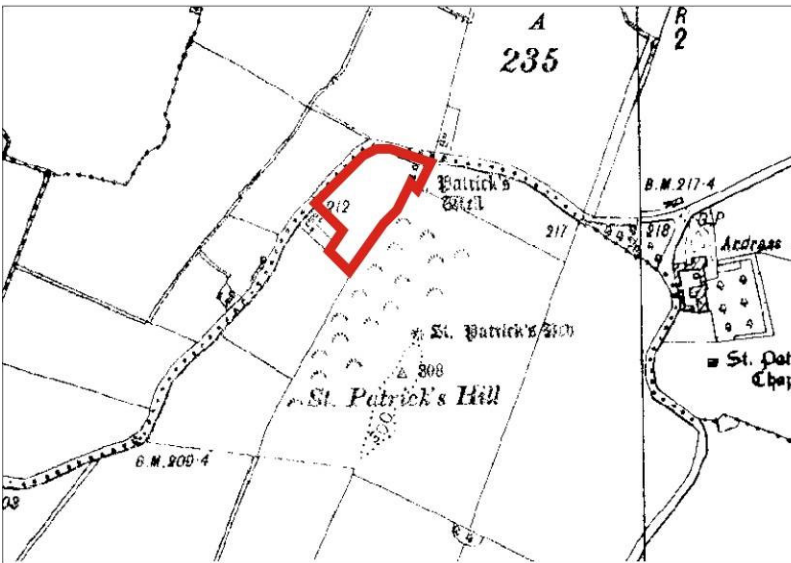
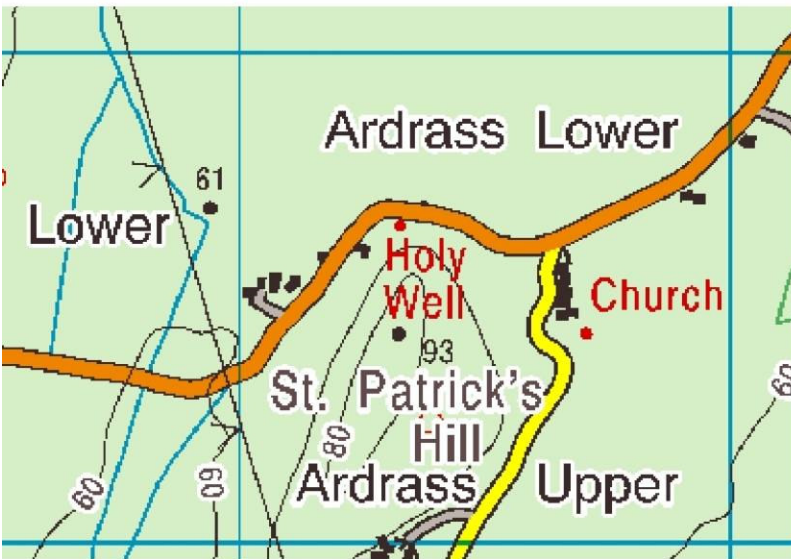
This spring is an important example of the warm spring province of the Kildare-Meath border area in north west Leinster, and deserves CGS status for that reason.

Management/promotion issues

The site has been maintained and looked after as a Holy Well and reportedly as a drinking water source for local users. It is in good condition. It is on a busy, bendy narrow road with the only parking in a farm gateway opposite.



St. Patrick's Well 2



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|-----------------------------|---------------------------|----|
| NAME OF SITE | St. Peter's Well | | |
| Other names used for site | | | |
| TOWNLAND(S) | Dunmurraghill | | |
| NEAREST TOWN | Prosperous | | |
| SIX INCH MAP NUMBER | 9 | | |
| NATIONAL GRID REFERENCE | 281710 233140 = N 8171 3314 | | |
| 1:50,000 O.S. SHEET NUMBER | 49 | 1/2 inch Sheet No. | 16 |

Outline Site Description

Warm spring

Geological System/Age and Primary Rock Type

N/A

Main Geological or Geomorphological Interest

This site is located at the base of St. Peter's Hill in Dunmurraghill, approximately 6km north of Prosperous town. This warm spring is found in what appears to be a collapsed well chamber, which has only one, rather non-intact side remaining. Water from the spring flows into the surrounding field from the open side of the well. This may once have been an overflow channel but there is not enough evidence to verify this. The water depth is approximately 0.2 - 0.5m and the substratum is composed of a thick layer of black organic mud and decomposing plant material. To the east of this site on the far slopes of St. Peter's Hill there is an sand and gravel quarry, which exposes the glacial till that covers this area.

Site Importance

Aldwell and Burdon (1986) record a maximum temperature of 12.4° in 1982, making it a relatively low temperature warm spring. It is also in poor condition. Despite this it should be considered as a County Geological Site in Kildare, as a part of the warm spring province.

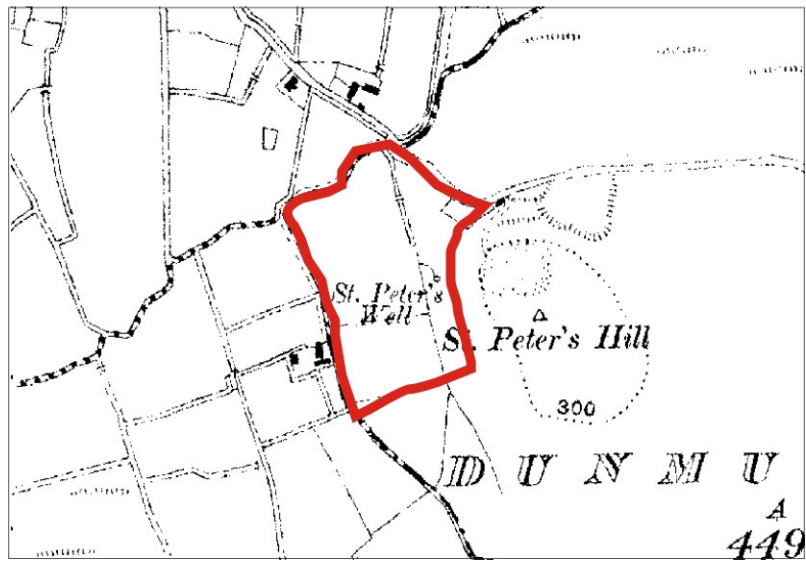
Management/promotion issues

St. Peter's Well is located within a privately owned field (owner unknown – seems to be local confusion regarding ownership). The entrance to the field has a small sign saying St. Peter's Well, which suggests visitors to this site are not uncommon. Access is along a small winding road with a few houses nearby where parking is possible. This site is badly maintained and would need some degree of renovation if it were to be promoted. Not suitable for general promotion without permission from the landowner and appropriate arrangements organised.



Left: St. Peter's Well.
Right: Sand and gravel quarry adjacent to well

St. Peter's Well



KILDARE - COUNTY GEOLOGICAL SITE REPORT

| | | | |
|-----------------------------------|------------------------------|---------------------------|----|
| NAME OF SITE | Rathcore Spring | | |
| Other names used for site | | | |
| TOWNLAND(S) | Herbertstown | | |
| NEAREST TOWN | Newbridge (An Droichead Nua) | | |
| SIX INCH MAP NUMBER | 23 | | |
| NATIONAL GRID REFERENCE | 284300 213800 = E 843 138 | | |
| 1:50,000 O.S. SHEET NUMBER | 55 | 1/2 inch Sheet No. | 16 |

Outline Site Description

A spring that feeds the part of the Grand Canal known as the Naas and Corbally Branch.

Geological System/Age and Primary Rock Type

N/A

Main Geological or Geomorphological Interest

This spring is situated approximately 3.5km east of Newbridge town at the terminus of the Naas and Corbally Branch of the Grand Canal. The source of the spring cannot be seen due to high levels of vegetation but the constant flow of water from this spring can be heard from the banks of the canal.

Site Importance

A significant spring site worthy of CGS status in the context of Kildare.

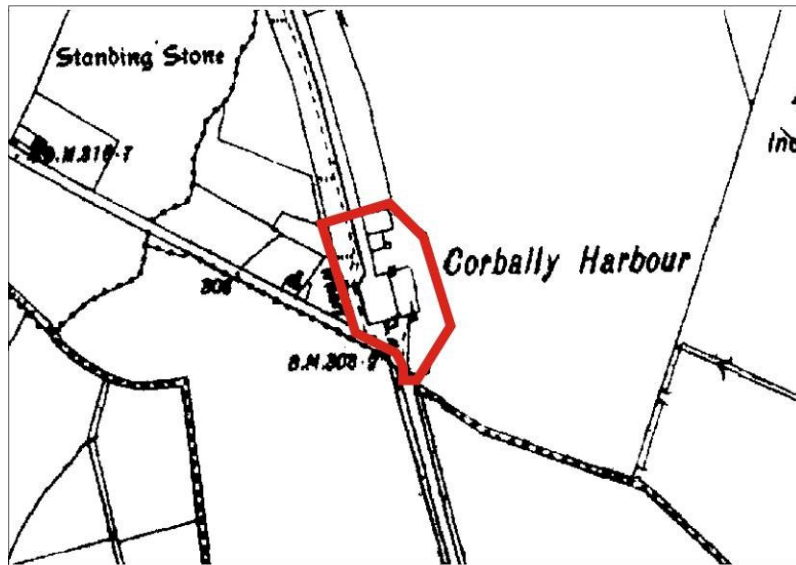
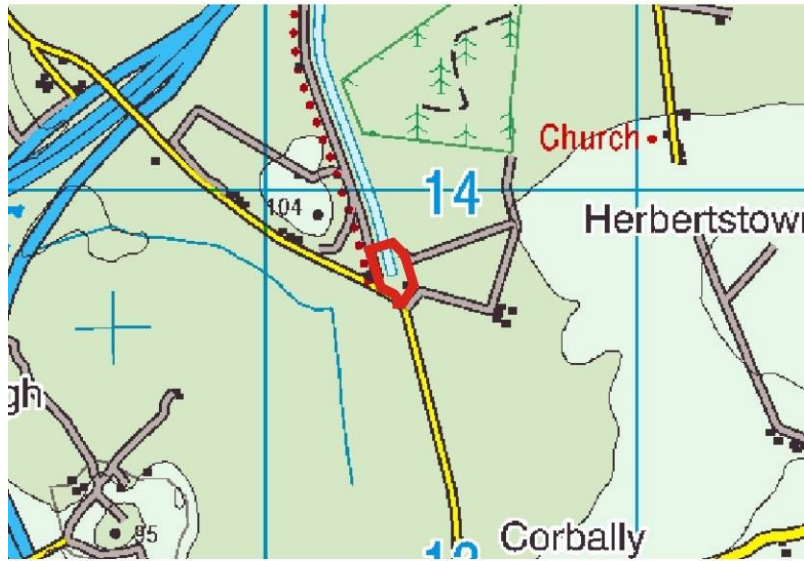
Management/promotion issues

This land is owned by CIE. Access is through two large locked gates. This is an aesthetically pleasing site with ruined harbour buildings along the east bank of the canal. The area around the canal and spring appears to be reasonably managed with no dumping observed. This site is also the beginning of a canal walkway, which extends as far as Naas town to the northeast.



Above: Panorama view of the terminus of the Naas and Corbally Branch of the Grand Canal with ruined harbour buildings in the background.
Left: Looking down the banks of the canal towards the location of Rathcore Spring.

Rathcore Spring



Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| 1994/95 work report Clane Co. Kildare, PL 3330 for the year ending 1995, (5 pages). |
| 3rd Order Residual Gravity map - 100m Grid Harberton Bridge, PL 1604, Scale 6" : 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 6. |
| 3rd Order Residual Gravity map - 100m Grid Harberton Bridge, PL 1607, Scale 6" : 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 14. |
| 4th Order Residual Gravity map - 100m Grid Harberton Bridge, PL 1604, Scale 6" : 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 7. |
| 4th Order Residual Gravity map - 100m Grid Harberton Bridge, PL 1607, Scale 6" : 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 15. |
| 500' Grid shallow Sampling - Cu on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 4. |
| 500' Grid shallow Sampling - Pb on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 3. |
| 500' Grid shallow Sampling - Zn on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 2. |
| A map and outline description of the Lower Palaeozoic rocks of S.W. Wicklow and S. Kildare (One-Inch sheets 128 and 129). |
| A report on the structure on PLs 1602, 1605, 1606, 1609, 1610 - Clane Block, Kildare + Dublin dated 27/1/83 (37 pages) |
| Aeromagnetic map PL's 2514 + 3684, Co. Kildare. |
| Air photo compilation map of PL 3427 Monasterevin, Co. Kildare, Scale 1 : 50, 000, Fig. 3. |
| Air photo interpretation of PL 3649 Co. Kildare, Scale 1 : 25,000, Fig. 5. |
| Air photo lineament of Kilcock area Co. Kildare for PL's 1316, 1317 and 1318 (Scale 1: 100,000) |
| Allenwood compilation map for PL's 863, 1629, 1630 + 1631, O.S. Sheets Kildare 12, 13, Scale 1.5cm:1000. |
| Allenwood South compilation map for PL 1629 Co. Kildare, Scale 1.2cm : 100ft. |
| Allenwood tractor sampling map for PL 1629 Co. Kildare, O.S. Sheets Kildare 13 - 5, 9, Scale 2.5cm : 200'. |
| Allenwood West compilation map on PL 1629, O.S. Sheet Kildare 13 - 9. |
| Analytical Results Drill Coreholes, 3610/1 + 2516/1, PL 3610 + 2516, Cu, Pb, Zn, Ag, Fe, Mn, Mg, O.S. Sheets Kildare 22, (4 pages). |
| Annual Exploration Report PL 1604 + 1607 Co. Kildare for the year ending 1981, (24 pages). |
| Annual report for PL 863 Rathangan, Co. Kildare, (11 pages). |
| Annual report for PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640 Co's Offaly, Kildare, Laois for the year ending 1990, (13 pages). |
| Annual report for PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 and 1640 Co's Offaly, Laois and Kildare for the year ending 1991, (22 pages). |
| Annual report on PL 600 Co. Kildare for the year ending 12 June 1978 (10 pages) |
| Annual report on PL 863 Co. Kildare for the year ending 29th March 1982, (5 pages). |
| Annual report on PL 863 in Co. Kildare for the year ending 29th March 1977, (9 pages). |
| Annual report on PL 863 in Co. Kildare for the year ending March 29th 1983, (3 pages). |
| Annual report on PL 863 in Co. Kildare for year ending 29th March 1978, (5 pages). |
| Annual report on PL 863 in Co. Kildare for year ending 29th March 1979, (8 pages). |
| Annual report on PL 863 in Co. Kildare for year ending 29th March 1981, (4 pages). |
| Annual report on PL 863 in Co.Kildare for year ending 29th March 1980, (5 pages). |
| Annual report on PL 894 Monasterevin Co Kildare for the period 15/3/68 to 15/3/69 (2 pages) |
| Annual report on PL's 1608, 1633, 1634, 1641, 2061, 2219, 2592, 2593, 2822, 2823 and 2824 Kildare, Laois April 1985 (5 pages). |
| Annual report on PL's 1608, 1633, 1634, 1641, 2061, 2219, 2592, 2593, 2822, 2823 and 2824 Kildare, Laois March 1984 (7 pages). |
| Annual report on Rathangan - BC, Co. Kildare on PL 863, (3 pages). |
| Anomaly Checks - Copper ppm, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (5 pages). |
| Anomaly Checks - Copper ppm, PL's 1629, 1630 + 1631, Kildare Sheet 12, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Copper ppm, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (4 pages). |
| Anomaly Checks - Copper ppm, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Copper ppm, PL's 1630 + 1631, Kildare Sheet 9, Scale 6" : 1 mile, (1 page). |
| Anomaly Checks - Copper ppm/10, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - lead ppm/10, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Lead ppm/10, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (4 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1629, 1630 + 1631, Kildare Sheet 12, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (4 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1630 + 1631, Kildare Sheet 9, Scale 6" : 1 mile, (1 page). |
| Anomaly Checks - Zinc ppm/10, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (3 pages). |
| Anomaly Checks - Zinc ppm/10, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (3 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1629, 1630 + 1631, Kildare Sheet 12, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (4 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1630 + 1631, Kildare Sheet 9, Scale 6" : 1 mile, (1 page). |
| Anomaly checks Copper ppm Kildare sheet 21 (Scale 6" : 1 mile) |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Anomaly checks Copper ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 26/8 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 32 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 36 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 37 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 26/8 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 32 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 36 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 37 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 26/8 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 32 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 36 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 37 (Scale 6" : 1 mile) |
| Apparent Chargeability on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13 (Roselawn)(Scale 1:2,500) |
| Apparent Resistivity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13 (Roselawn)(Scale 1:2,500) |
| Apparent Resistivity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13(Scale 1:2,500) |
| Apparent Specific Capacity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13 (Roselawn)(Scale 1:2,500) |
| Appendix 1 Report on Induced Polarisation and Resistivity surveys at Derrinturn Co. Kildare PL 3549, (1 page). |
| Appendix I Micropaeontology report on samples KD3/73 - 129b, KD8/67 - 133 Freagh, PL 3549, Co. Kildare, (6 pages). |
| Appendix I, Map Showing Location of DDH's N-1318-1, 2, 3 + 4 from 6" Kildare 10 (Scale 1:10,560) (2 Pages) |
| Appendix II : Petrochemical log of drillhole RND1, Co. Kildare, PL 3330, (7 pages). |
| Appendix II Report on Mise A La Masse and I.P. survey at DDH RND - 1 Roselawn Co. Kildare, PL 3330, (3 pages). |
| Application for Renewal Report for PL's 1600 -1610, Co's Meath, Kildare and Dublin for the period 1975 - 1976, (49 pages). |
| Areas covered by Geophysics on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 5 |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Areas covered by geophysics PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 + 28. |
| Argillaceous bioclastic calcarenite chart - Kildare MVT's on PL 1629 + 1632. |
| Assay results - Core samples, Drillhole No. 863/SH2, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Core samples, Drillhole No. 863/SH4, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Rock Chips - Drill hole 863/15, Cu, Pb, Zn in ppm, PL 863, BC - Rathangan area, Co. Kildare, (1 page). |
| Assay results - Sludge - Drill hole 863/15, Cu, Pb, Zn in ppm, PL 863, BC - Rathangan area, Co. Kildare, (1 page). |
| Assay results - Sludge samples - Drillhole No: 863/16, PL 863 Clonmoyle Td., Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Sludge samples - Drillhole No: 863/17, PL 863 Newtown Td., Rathangan, Co. Kildare, Cu, Pb, Zn, (2 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH1, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH2, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH3, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (2 pages). |
| Assay results - Sludge samples, Drillhole No. 863/SH4, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, Ba, (1 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH4, SH3, SH1, 890/SH1, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, Ba, (1 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH5, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results for Drillhole HB100, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB101, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB102, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole HB103, PL 1607, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB105, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB106, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB107, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole HB110, PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole HB112, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole HB115, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB117, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB123, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB124, PL 1607, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB128, PL 1607, Ballyteige, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB133, PL 1607, Ballyteige, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB68, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB72, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB73, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB74, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB75, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB79, PL 1607, Co. Kildare, (5 pages). |
| Assay results for Drillhole HB80, PL 1607, Co. Kildare, (5 pages). |
| Assay results for Drillhole HB81, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB82, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB85, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB90, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB91, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB92, PL 1607, Co. Kildare, (5 pages). |
| Assay results for Drillhole HB93, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB94, PL 1607, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB95, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB96, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB97, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB98, PL 1607, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB99, PL 1607, Co. Kildare, (5 pages). |
| Assay results for Drillhole No: 155, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 156, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 158, PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: 159, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 160, PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: 162, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole No: 163, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole No: 164, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 165, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 166, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 79A, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole No: 83A, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: HB 137, PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: HB 141, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: HB 145, PL 1607, Co. Kildare, (2 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Assay results for Drillhole No: HB106 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: HB65 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: HB65A PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: HB66 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB56 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: RHB57 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: RHB58 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB59 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB60 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB62 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB67 PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole No: RHB73 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB74 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB75 PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole No: RHB75 PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole No: RHB77 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: RHB79 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole RHB75, PL 1607, Co. Kildare, (3 pages). |
| Ballyteigue Pionjar Sampling, PL 1607, O.S. Sheets Kildare 12-16, Scale 1: 2500, Fig. 17. |
| BC programme completed - 1976 for PL 863 Rathangan, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1" : 1 mile, map 1. |
| Belan demesne detailed geochemistry PL 1928 - 6" Kildare 38 (Cu) |
| Belan demesne detailed geochemistry PL 1928 - 6" Kildare 38 (Pb) |
| Belan demesne detailed geochemistry PL 1928 - 6" Kildare 38 (Zn) |
| Billiton/Syngenore joint venture renewal report, PL's 1604 + 1607, Co. Kildare, 1st January 1984 - 31st December 1984, (31 pages). |
| Borehole Groove sampling results from drill hole BS - 1 PL 3549, Co. Kildare, (4 pages). |
| Borehole No.6 Boston Hill Drinnanstown south TD. Co. Kildare PL 600 |
| Boston geology (north) Kildare sheets 12 and 17, scale 1:10560 (fig 1) |
| Boston geology (south) Kildare sheets 17 and 22, scale 1:10560 (fig 2) |
| Bouger Anomaly map on PL 1602 6" Kildare 5 |
| Bouger Anomaly Map on PL 1605 scale 6" Kildare 9. |
| Bouger Anomaly Map on PL 1605, 1609, 6" Kildare 10, 14. |
| Bouger Anomaly map on PL 1605, 6" Kildare 10. |
| Bouger Anomaly Map on PL 1605, 6" Kildare 14. |
| Bouger Anomaly map on PLs 1602, 1603, 1606, 1610. 6" Kildare 11 |
| Bouger Anomaly map on PLs 1602, 1605, 1606 6" Kildare 10. |
| Bouger Anomaly map on PLs 1602,1603 6" Kildare 6 |
| Bouger Anomaly map on PLs 1606, 1610. 6" Kildare 15. |
| Bouger Anomaly map on PLs 1608, 1609. 6" Kildare 19. |
| Bouger Anomaly on PLs 1605, 1606, 1609, 1610. 6" Kildare 14 |
| Bouguer Anomaly - Harberton Bridge, PL 1607, Scale 1:2500, O.S. Sheets Kildare 13-9, 13-13. |
| Bouguer Anomaly map, PL 1607 East, Scale 1: 10,560, O.S. Sheet Kildare 18. |
| Bouguer Anomaly map, PL 1607 West, Scale 1: 10,560, O.S. Sheet Kildare 17. |
| Bouguer Anomaly map, PL's 1604 + 1607, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Bouguer Anomaly map, Scale 1: 10,560, O.S. Sheet Kildare 22. |
| Bouguer gravity - Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 6. |
| Bouguer gravity contours map - 100m Grid Harberton Bridge, PL 1604, Scale 6": 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 5. |
| Bouguer gravity contours PL 1607 - 100m Grid Harberton Bridge, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 13. |
| Bouguer gravity contours PL 1607 - Harberton Bridge, PL 1607, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 16. |
| Bouguer gravity map of PL's 1243 + 1244 Kildare area, (Scale 1:2,500), (fig. 4) |
| Boundary Map Athy (Co. Kildare + Laois) PLs 1155-1158 |
| Calculated overburden thickness, contours map on PL's 1629, 1630 + 1631, O.S. Sheet Kildare 8, 9, 12, 13, Scale 3" : 1 mile. |
| Canal zone - Drill plan, Deep mineralisation, Harberton bridge, Co. Kildare, Scale 1: 2500, Fig. 4. |
| Chargeability and Resistivity profiles Lines AB, CD, EF,Hill of Allen are, Co. Kildare PL 1632, Scale as shown, Plate H-2. |
| Chargeability contour map of PL 894 6" Kildare 21 (440 'a) Plate 2 |
| Chargeability contour map of PL 894 6" Kildare 21 (880 'a) Plate 3 |
| Chargeability contour map of PLs 894 + 1557 6" Kildare 22 (440 'a) Plate 6 |
| Chargeability contour map of PLs 894 + 1557 6" Kildare 22 (880 'a) Plate 7 |
| Chargeability contour map of PLs 894 + 1557 6" Kildare 27 (440 'a) Plate 10 |
| Chargeability contour map of PLs 894 + 1557 6" Kildare 27 (880 'a) Plate 11 |
| Chargeability contour map on PL 1608 Co. Kildare, Scale 1 : 10,560ft. |
| Chargeability contour plan drill-hole IP survey Baraheen area Co. Kildare (Scale 1:5000). Fig. 1 |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Chargeability contour plan Kiltaghan, Co.Kildare on PL 863, Scale 1:2500, Fig. 1. |
| Chargeability contour plan of PL 894 6" Kildare 21 + 26 (440 'a') |
| Chargeability contour plan of PL 894 6" Kildare 21 + 26 (880 'a') |
| Chargeability contour plan of PLs 894 + 1557 6" Kildare 22 (440 'a') |
| Chargeability contour plan of PLs 894 + 1557 6" Kildare 22 (880 'a') |
| Chargeability contour plan of PLs 894 + 1557 6" Kildare 27 (440 'a') |
| Chargeability contour plan of PLs 894 + 1557 6" Kildare 27 (880 'a') |
| Chargeability map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 11 + 15, Scale 1:2500. |
| Chargeability map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 14, 23 - 2, Scale 1:2500. |
| Chargeability map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 6, Scale 1:2500. |
| Chargeability map - Gradient array - on PL 863, O.S. Sheet Kildare 16 + 21, Scale 1:2500. |
| Chargeability map : Gradient Array, PL 863, Kiltaghan area, O.S. Sheet Kildare 16 + 21, Scale 1:2500. |
| Chargeability map on PL 1608 Caragh, Co. Kildare. |
| Clongownagh anomaly map of Kildare on PL 1632 (Scale 1.2cm: 500ft). |
| Co-ordinates for drillholes RCD1 to RCD 69, O.S. Sheets Kildare 18 + 23 on PL 1632. |
| Cobra deep sampling in the Kildare gorse area; scale 25"-1 mile; PL 1226 |
| Cobra deep sampling on PL 1243, Kildare Gorse area - 25" Westmeath 24/7 (Cu, Pb, Zn), Fig. 3 |
| Cobra deep sampling on PL 1243, Kildare Gorse, Moate area - 25" Westmeath 24/7 (Cu, Pb, Zn) Fig. 4 |
| Compilation map - Allenwood North on PL 1629, O.S. Sheet Kildare 12/8, 12/12, Scale 1:200'. |
| Compilation map - Derrinturn on PL 1630, O.S. Sheet Kildare 8, Scale 3cm : 1000'. |
| Compilation map - Killinagh - Allenwood North on PL 1630, O.S. Sheet Kildare 12 + 13, Scale 3cm : 1000'. |
| Compilation map - Rickardstown prospect on PL 1632, O.S. Sheet Kildare 23 - 2 + 6, Scale 1:200'. |
| Compilation map - Rickardstown prospect S.E Kildare on PL 1632, March 1980, Scale 1:5,000. |
| Compilation map for PL 1629 Co. Kildare, Scale 2cm : 1000ft. |
| Compilation map of Kildare on PL 1629 (Scale 1.5cm: 500ft). |
| Compilation map of Kildare on PL 1632 (Scale 1.5cm: 500ft). |
| Compilation map on PL 1632, O.S. Sheet Kildare 18 - 13, 18 - 14, 23 - 2, 23 - 6, Scale 1:2500. |
| Compilation map on PL 2061 - 6" Kildare 8 (includes drill hole location). |
| Compilation map on PL 2061 - 6" Kildare 8 (includes drill hole location). |
| Compilation of existing geochemistry PL 3433, 3434 Scale 6" :1 mile Kildare 11, 14, 15, 19,20,Dublin 17, 20A, 21. |
| Compilation of existing geophysics PL 3433, 3434 Scale 6" :1 mile Kildare 11, 14, 15, 19, 20, Dublin 17, 20A, 21. |
| Compilation of previous exploration data on PLs 1602, 1606 - 25" Kildare 10/12, 11/9 Roselawn area |
| Compilation on PL 1605 - Scale 1:500, Raheen Old Moortown Connelly's Bridge (Kildare E Block) |
| Compilation on PL 1609 - 6" Kildare 14 |
| Compilation on PLs 1609, 1610 - (Scale 1:500) Kildare (E) Block |
| Composite data on PL 1602, 1605, 6" Kildare 10. |
| Composite data on PL 1602, 6" Kildare 5, Meath 49a, 53. |
| Composite data on PL 1608, 1609. - 6" Kildare 19 |
| Composite data on PL 1609, 6" Kildare 19. |
| Composite data on PL 1610 6" Kildare 15 Dublin 20, 21. |
| Composite data on PLs 1602, 1603, 1606, 1610, 6" Kildare 11, Dublin 17,20,20a,21. |
| Composite data on PLs 1608, 1609, 6" Kildare 15, Dubln 20, 21. |
| Composite data on PLs 1695, 1606, 1609, 1610, 6" Kildare 14. |
| Composite data, PL 1607, Scale 6" : 1 mile, O.S. Sheet Kildare 17. |
| Composite data, PL 1607, Scale 6" : 1 mile, O.S. Sheet Kildare 18. |
| Composite data, PL's 1604 + 1607, Scale 6" : 1 mile, O.S. Sheet Kildare 13. |
| Composite Geology in PL 890, 1":1 mile (Kildare/Offaly 110 + 119) |
| Composite geology map for PL 863 Boston - Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1" : 1 mile, map 2. |
| Composite geology map Rathangan (BC) on PL 863, O.S. Sheets Kildare, Laois + Offaly 110, 111, 119, 120, Scale 1:63,360, Fig. 3. |
| Composite gravity map Rathangan - Kildare area on PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1": 1 mile, map 6. |
| Composite map of geology, drift + relevant information PL 1928 - 6" Kildare 38 |
| Composite map of PL 1927 - 6" Kildare 39 |
| Composite map of PL 1927 - 6" Kildare 40 |
| Composite map of PL 1928 - 6" Kildare 37 |
| Composite map Rathangan - Boston Hill area Co. Kildare PL 863, Scale 6":1 mile. |
| Computer plots of VES 1-8 on PL's 1243-4, Castletown - Kildare area, Co. Westmeath, 8 pages |
| Cross section (looking NW), of drillholes 863/16 + 863/15, PL 863 Clonmoyle Td., Rathangan, Co. Kildare, (1 page, 2 copies). |
| Cross section of Drillhole MND2, PL 3649 Monasterevin, Co. Kildare, Scale 1 : 1000, Fig. 5a. |
| Cross section of Drillhole MND3, PL 3649 Monasterevin, Co. Kildare, Scale 1 : 1000, Fig. 5b, (4 pages). |
| Cross-sections of DDH 1228-28, DM69 and DM65 in the Kildare area |
| Cu Cobra/ Bedrock map for PL 1632, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| D.D.H R1 - Log - Total length 206', PL 863, Rathangan, Co. Kildare, (1 page). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| D.D.H R2 - Log - Total length 160.5', PL 863, Rathangan, Co. Kildare, (1 page). |
| DD Core Log Hole No: HB 13, Harberton Bridge, Co. Kildare, PL 1607, Length 826', includes assay report, (4 pages). |
| DD Core Log Hole No: HB 20, Harberton Bridge, Co. Kildare, PL 1607, Length 450', (3 pages). |
| DD Core Log Hole No: HB 21, Harberton Bridge, Co. Kildare, PL 1607, Length 331', (2 pages). |
| DD Core Log Hole No: HB 22, Harberton Bridge, Co. Kildare, PL 1607, Length 556', (3 pages). |
| DD Core Log Hole No: HB 23, Harberton Bridge, Co. Kildare, PL 1607, Length 336', (1 page). |
| DD Core Log Hole No: HB 24, Harberton Bridge, Co. Kildare, PL 1607, Length 324', (1 page). |
| DD Core Log Hole No: HB 25, Harberton Bridge, Co. Kildare, PL 1607, Length 305', (2 pages). |
| DD Core Log Hole No: HB 26, Harberton Bridge, Co. Kildare, PL 1607, Length 336', (1 page). |
| DD Core Log Hole No: HB 27, Harberton Bridge, Co. Kildare, PL 1607, Length 490', includes assay report, (3 pages). |
| DD Core Log Hole No: HB 28, Harberton Bridge, Co. Kildare, PL 1607, Length 425', (3 pages). |
| DD Core Log Hole No: WBT 79 / 2, Betaghstown, Co. Kildare, PL 1604, Length 68', (3 pages). |
| DDH 14 PL 600 Boston Hill Co. Kildare |
| DDH 15 PL 600 Boston Hill Co. Kildare |
| DDH 16 PL 600 Boston Hill Co. Kildare |
| DDH 17 PL 600 Boston Hill Co. Kildare |
| DDH 18 PL 600 Boston Hill Co. Kildare |
| DDH 19 PL 600 Boston Hill Co. Kildare |
| DDH 20 PL 600 Boston Hill Co. Kildare |
| DDH 21 PL 600 Boston Hill Co. Kildare |
| DDH 22 PL 600 Boston Hill Co. Kildare |
| DDH 23 PL 600 Boston Hill Co. Kildare |
| DDH 24 PL 600 Boston Hill Co. Kildare |
| DDH location map of PL 894 - 6" Kildare 21 + 26 |
| DDH location map of PL 894 - 6" Kildare 22 |
| DDH Location map PL's 3433 and 3434 Scale 6" : 1 mile Kildare 14. |
| DDH Location map, PL 3434 Scale 6" : 1 mile Kildare 14, 15. |
| DDH Location map, PL's 3433 and 3434 Scale 6" : 1 mile Kildare 14, 15. |
| DDH logs Holes 3433/1 on PL 3433, length 63', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/2 on PL 3433, length 130', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/3 on PL 3433, length 140', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/4 on PL 3433, length 110', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/5 on PL 3433, length 36', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/6 on PL 3433, length 357', (4 Pages) Kildare 14. |
| DDH logs Holes 3434/1 on PL 3434, length 75', (1 Page) Kildare 14. |
| DDH logs Holes 3434/2 on PL 3434, length 115', (2 Pages) Kildare 14. |
| Deep auger results (surface check samples 1' depth), PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep auger results (surface check samples 12' depth), PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep auger results (surface check samples 18' depth), PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep auger results (surface check samples 6' depth), PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep Auger results on PL 890, 6":1 mile, 1' depth (Offaly 28, Kildare 16, 17) |
| Deep Auger results on PL 890, 6":1 mile, 12' depth (Offaly 28, Kildare 16, 17) |
| Deep Auger results on PL 890, 6":1 mile, 18' depth (Offaly 28, Kildare 16, 17) |
| Deep Auger results on PL 890, 6":1 mile, 6' depth (Offaly 28, Kildare 16, 17) |
| Deep augering map - Cu Values, Rathangan - BC area on PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep augering map - Pb Values, Rathangan - BC area on PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep augering map - Zn Values, Rathangan - BC area on PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep augering results on PL 1928 - 6" Kildare 37 (Cu, Pb, Zn) |
| Deep overburden Geochemistry - Copper map on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 6a |
| Deep overburden Geochemistry - Lead map on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 6b |
| Deep overburden Geochemistry - Zinc map on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 6c |
| Deep overburden geochemistry map for Timahoe area, PL's 1629, 1630 + 1631, Zn, Pb, Cu ppm/10, depth in metres, O.S. Sheets Kildare 3, 4, 8, 9, 12 + 13, Scale 6" : 1 mile. |
| Deep overburden geochemistry results PL 3434 Cu, Pb, Zn, Ba Scale 6" :1 mile Kildare 19. |
| Deep overburden geochemistry results PL's 3433 and 3434 Cu, Pb, Zn, Ba Scale 6" : 1 mile Kildare 14, 15. |
| Deep overburden sampling (Pionjar) on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Deep overburden sampling (pionjar), geochemical results (ppm), O.S. Sheets Kildare 8, PL 1630, Scale unknown. |
| Deep Overburden Sampling - Pb ppm/10, PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 6. |
| Deep Overburden Sampling - Zn ppm/10, PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 5. |
| Deep Overburden Sampling Map - Copper values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5a. |
| Deep Overburden Sampling Map - Iron values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5d. |
| Deep Overburden Sampling Map - Lead values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5b. |
| Deep Overburden Sampling Map - Manganese values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5f. |
| Deep Overburden Sampling Map - Manganese values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5e. |
| Deep Overburden Sampling Map - Zinc values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5c. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Deep overburden sampling map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 4 |
| Deep overburden sampling map, PL 863 Rathangan BC, Scale 1:10,560, O.S. Sheet Kildare 16, 17, 21 + 22, Fig. 1. |
| Deep overburden sampling PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Deep overburden sampling programme map, Kildare Licence Block, PL's 2514 + 3684, Scale 1:100,000, Fig. 2. |
| Deep sampling map Lead in ppm on PL 1631 Prosperous, Co. Kildare. |
| Deep sampling map Zinc in ppm on PL 1631 Prosperous, Co. Kildare. |
| Deep Soil Sampling - Copper ppm, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Copper ppm, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Copper ppm, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Copper ppm, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Copper ppm, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Lead ppm, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Lead ppm, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Lead ppm, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Lead ppm, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Lead ppm/10, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Zinc ppm, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Zinc ppm, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Zinc ppm, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Zinc ppm, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Zinc ppm/10, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (1 page). |
| Deep soil sampling Copper ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Detail I.P and Resistivity survey map on PL 1629, O.S. Sheet Kildare 12, Scale 1:2500. |
| Detail I.P and Resistivity survey map on PL 1632, O.S. Sheet Kildare 23, Scale 1:2500. |
| Detail I.P and Resistivity, Pseudosection P10 30m Dipole, Line 700N, PL 1629, Allenwood Co. Kildare. |
| Detail I.P and Resistivity, Pseudosection P11, 30m Dipole, Line 75E, PL 1629, Allenwood Co. Kildare. |
| Detail I.P and Resistivity, Pseudosection P8, 30m Dipole, Line 300W, PL 1629, Allenwood Co. Kildare. |
| Detail I.P and Resistivity, Pseudosection P9, 30m Dipole, Line 225W, PL 1629, Allenwood Co. Kildare. |
| Detail soil geochemistry PL 1928 - 6" Kildare 37 (Cu, Pb, Zn) |
| Detail soil geochemistry PLs 1926-1927 - 6" Kildare 39 + Carlow 2 (Cu, Pb, Zn) |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Cu). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Cu). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Hg). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Pb). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Pb). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Zn). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Zn). |
| Detail soil grid on part of Kildare 8 PL 2061 (Scale 1" : 200') (Cu). |
| Detail soil grid on part of Kildare 8 PL 2061 (Scale 1" : 200') (Hg). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Detail soil grid on part of Kildare 8 PL 2061 (Scale 1" : 200') (Pb). |
| Detail soil grid on part of Kildare 8 PL 2061 (Scale 1" : 200') (Zn). |
| Detailed drill log 1624-2, PL 1624 Kildare West block, Clonyquin Td., Co. Offaly, Length 1207', Scale 1" = 10ft, (13 pages). |
| Detailed drill log 1624-3, PL 1624 Kildare West block, Clonygowan, Co. Offaly, Length 1056', Scale 1" = 10ft, (11 pages). |
| Detailed drill log 1629-72, PL 1624 Kildare West block, Lullymore East, Co. Kildare, Length 1242', Scale 1" = 10ft, (13 pages). |
| Detailed drill log 1630-10, PL 1630 Kildare West block, Kilkea, Co. Kildare, Length 860', Scale 1" = 10ft, (7 pages). |
| Detailed drillhole log No: 1629/68 on PL 1629 Allenwood, Co. Kildare, Length 181', Scale 1" = 10ft, (2 pages). |
| Detailed drillhole log No: 1629/69 on PL 1629 Allenwood, Co. Kildare, Length 181', Scale 1" = 10ft, (2 pages). |
| Detailed drillhole log No: 1629/70 on PL 1629 Allenwood, Co. Kildare, Length 203', Scale 1" = 10ft, (2 pages). |
| Detailed drillhole log No: 1629/71 on PL 1629 Derrymullen, Co. Kildare, Length 249', Scale 1" = 10ft, (3 pages). |
| Detailed drillhole log No: 1630/10 on PL 1629 Derrymullen, Co. Kildare, Length 860', Scale 1" = 10ft, (7 pages). |
| Detailed drillhole log No: 1631/1 on PL 1631 Kilmurry, Co. Kildare, Length 130', Scale 1" = 10ft, (2 pages). |
| Detailed drillhole log No: 863/27 on PL 863 Mullatine, Co. Kildare, Length 65', Scale 1" = 10ft, (1 page). |
| Detailed drillhole log No: 863/28 on PL 863 Mullatine, Co. Kildare, Length 75', Scale 1" = 10ft, (1 page). |
| Detailed drillhole log No: 863/29 on PL 863 Mullatine, Co. Kildare, Length 62', Scale 1" = 10ft, (1 page). |
| Detailed geochem - area 1 on PL 863 Rathangan area, Co. Kildare, O.S. Sheet Kildare 16-16, Scale 1:2500, map 4. |
| Detailed geology map with drillhole information on PLs 1602, 1605 - 6" Kildare 4, 5, 9, 10, 14 |
| Detailed geology map with drillhole information on PLs 1605, 1606, 1609 - 6" Kildare 13, 14, 18, 19 |
| Detailed geology map with drillhole information on PLs 1606, 1610 6" Kildare 11, 15, 16 Dublin17, 21 |
| Detailed Log for Drillhole No: 1604/4, Harberton Bridge, Ballynafagh, Co. Kildare, Total depth 163m, (3 pages). |
| Detailed Log for Drillhole No: 1604/5, Harberton Bridge, Downings South, Co. Kildare, Total depth 370m, (7 pages). |
| Detailed Log for Drillhole No: 1607/1, Harberton Bridge, Mylerstown, Co. Kildare, Total depth 160m, (3 pages). |
| Detailed log of drillhole No. 863/SH1, PL 863 Rathangan, Co. Kildare, Total length 76', Scale 1" = 10', (2 pages). |
| Detailed log of drillhole No. 863/SH2, PL 863 Rathangan, Co. Kildare, Total length 54', Scale 1" = 10', (2 pages). |
| Detailed log of drillhole No. 863/SH3, PL 863 Rathangan, Co. Kildare, Total length 70', Scale 1" = 10', (2 pages). |
| Detailed log of drillhole No. 863/SH4, PL 863 Rathangan, Co. Kildare, Total length 147', Scale 1" = 10', (2 pages). |
| Detailed log of drillhole No. 863/SH5, PL 863 Newtown, Rathangan, Co. Kildare, Total length 42', Scale 1" = 10', (1 page). |
| Detailed log of Drillhole No: 863/16, PL 863 Clonmoyle Td., Rathangan, Co. Kildare, Length 394', Scale 1" = 10', (4 page). |
| Detailed log of Drillhole No: 863/17, PL 863 Newtown Td., Rathangan, Co. Kildare, Length 244', Scale 1" = 10', (3 pages, 2 copies) |
| Diamond drill core log Hole A1 on PL 1629 Allenwood, Co. Kildare, Total length 1400', (13 pages). |
| Diamond drill core log Hole A10 on PL 1629 Allenwood, Co. Kildare, Total length 676', (10 pages). |
| Diamond drill core log Hole A11 on PL 1629 Allenwood, Co. Kildare, Total length 476', (1 page). |
| Diamond drill core log Hole A2 on PL 1629 Allenwood, Co. Kildare, Total length 205', (4 pages). |
| Diamond drill core log Hole A3 on PL 1629 Allenwood, Co. Kildare, Total length 402', (3 pages). |
| Diamond drill core log Hole A4 on PL 1629 Allenwood, Co. Kildare, Total length 203', (2 pages). |
| Diamond drill core log Hole A5 on PL 1629 Allenwood, Co. Kildare, Total length 113', (1 page). |
| Diamond drill core log Hole A6 on PL 1629 Allenwood, Co. Kildare, Total length 365', (5 pages). |
| Diamond drill core log Hole A7 on PL 1629 Allenwood, Co. Kildare, Total length 338', (8 pages). |
| Diamond drill core log Hole A8 on PL 1629 Allenwood, Co. Kildare, Total length 446', (19 pages). |
| Diamond drill core log Hole A9 on PL 1629 Allenwood, Co. Kildare, Total length 539', (21 pages). |
| Diamond drill core log Hole P1 on PL 1631 Prosperous, Co. Kildare, Total depth 1426', O.S. Sheet Kildare 9, (2 pages). |
| Diamond drill hole location map on PL 1608, O.S. Sheet Kildare 18. |
| Diamond drill hole log 863/11, PL 863 Cappanargid Td., Rathangan, Co. Kildare, Length 87', (2 pages). |
| Diamond drill hole log 863/13, PL 863 Drumsru Td., Rathangan, Co. Kildare, Total length 206', (2 pages). |
| Diamond drill hole log 863/14, PL 863 Drumsru Td., Rathangan, Co. Kildare, Total length 545', (4 pages). |
| Diamond drill hole sections a)DDH 863/2 to chair of Kildare inlier b)DDH 863/2 through DDH 600/64 to Boston Hill 1/2500 |
| Diamond drill record Hole No: 1629/1 (D) on PL 1629 Allenwood North, Depth 523m, O.S. Sheet Kildare 12, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: A14 - 81 on PL 1629 Allenwood, Depth 436.65m, includes assay results, O.S. Sheet Kildare 13/9, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: RK6/ 81 on PL 1632 Rickardstown, Depth 270m, O.S. Sheet Kildare 23, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: RK7/ 81 on PL 1632 Rickardstown, Depth 195m, O.S. Sheet Kildare 23, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: RK8/ 81 on PL 1629 Rickardstown, Depth 212.75m, O.S. Sheet Kildare 23, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: TM1/81 on PL 1631, Timahoe, Depth 153m, O.S. Sheet Kildare 9 - 14, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: TM2/81 on PL 1631, Timahoe, Depth 351m, O.S. Sheet Kildare 9, Scale 1:500, (1 profile). |
| Diamond drill section - 863/2, 6, 7, 8, 9, PL 863 Rathangan (BC), Co. Kildare, Fig. 2. |
| Diamond drill sections map, PL 863 Rathangan - BC, O.S. Sheets Kildare 12, 17, Scale 1" = 20', Fig. 5. |
| Diamond drill sections of holes BDK/10-16 on PL 1243, Kildare area, 25" Westmeath 24/7, (Scale 1" : 40') Fig. 6. |
| Diamond drill sections of holes BDK/10, 11, 16, 17 + 18 on PL 1243, Kildare area, Moate - 25" Westmeath 24/3, 7 Scale 1":40', Final Depths 167', 216', 134', 148' + 185', Fig. 13 |
| Diamond Drillhole log 863/15, PL 863, Clonmoyle West, Rathangan, Co. Kildare, Length 264', (3 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Diamond drillhole log no. MND4 Killbog, Monasterevin, Co. Kildare, PL 3427, Length 130.6m, (1 page). |
| Diamond drillhole log no.MND5 Killbog, Monasterevin, Co. Kildare, PL 3427, Length 74m, (1 page). |
| Diamond drilling (locations) map, PL 863 Rathangan BC, Co. Kildare, Scale 1":21,120. |
| Diamond drilling - Cross section Rathangan - BC, Hole 863/15, PL 863, O.S. Sheet Kildare 21, Scale 1" : 20ft, Fig. 4. |
| Diamond drilling - locations on PL 863, O.S. Sheets Kildare 12, 16, 17, 21 + 22, Offaly 27, 28, Scale 1":21,120. |
| Diamond drilling compilation map for PL 863, O.S. Sheet Kildare 12, 17, 22, Scale 1":10,560. |
| Diamond drilling compilation map on PL 863, O.S. Sheet Kildare 12, 17, 22, Scale 1":10,560 |
| Diamond drilling locations on PL 890, Kildare 12, 16, 17, 21, 22 + Offaly 27, 28 (Scale 6" : 1 mile) |
| Downhole IP survey Allenwood, Co. Kildare on PL 1629, Scale 1:2500, (10 pages). |
| Drift data from water, Borehole records for Co's Kildare + Laois, PL's 2514 + 3684, (2 pages). |
| Drift geology PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Drill fence across Clongownagh exploration map on PL 1629, Co. Kildare, Scale 1": 40' (Vertical), 1":80' (Horizontal). |
| Drill fence across Rickardstown "reef " knoll map on PL 1632, Co. Kildare, Scale 1": 53.3' (Vertical), 1":106.6' (Horizontal). |
| Drill Hole 863/1 area : Drimsrii on PL 863 Rathangan, Co. Kildare, Total length 1035', (4 pages). |
| Drill Hole 863/2 area : Cappanargid on PL 863 Rathangan, Co. Kildare, Total length 1480', (6 pages). |
| Drill Hole 863/3 area : Kiltaghan North on PL 863 Rathangan, Co. Kildare, Total length 295', (1 page). |
| Drill Hole 863/4 area : Kiltaghan North on PL 863 Rathangan, Co. Kildare, Total length 202', (1 page). |
| Drill Hole 863/5 area : Kiltaghan North on PL 863 Rathangan, Co. Kildare, Total length 117', (1 page). |
| Drill Hole 863/6 area : Rathangan BC - Cappanargid on PL 863 Rathangan, Co. Kildare, Total length 299', (6 pages). |
| Drill Hole 863/7 area Cappanargid on PL 863 Co. Kildare, Total length 276', (1 page). |
| Drill Hole 863/8 area Cappanargid on PL 863, Co. Kildare, Total length 195', (1 page). |
| Drill Hole 863/9 area Cappanargid on PL 863, Co. Kildare, Total length 350', (1 page). |
| Drill hole location map + geology Harberton Bridge Kildare 13 (Scale 6" : 1 mile) (Fig. 5) |
| Drill hole location map on PL 1629, Co. Kildare, Scale not shown. |
| Drill hole location map on PL 1632, Co. Kildare, Scale not shown. |
| Drill Hole location map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 7 |
| Drill hole location map on PL's 1625, 1626, 1639 and 1640, O.S. Sheet Kildare 21, Offaly 18, 19, 26, 27, 33, 34, Laois 3, 4, 5, 7, 8, 9, 12, 13, 14, Scale 3" = 1 mile. |
| Drill hole location map PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Drill hole log BS-1 Ballyshannon on PL 3549, Co. Kildare, Total depth 807.5m, (2 pages), |
| Drill log for Drillhole No: HB 120, Total Length 318.82m, PL 1607, Co. Kildare, (11 pages). |
| Drill log for Drillhole No: HB 155, Total Length 495.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log for Drillhole No: HB 156, Total Length 428.24m, PL 1607, Co. Kildare, (3 pages). |
| Drill log for Drillhole No: HB 157, Total Length 457.2m, PL 1607, Co. Kildare, (3 pages). |
| Drill log for Drillhole No: HB 158, Total Length 518.12m, PL 1607, Co. Kildare, (25 pages). |
| Drill log for Drillhole No: HB 159, Total Length 454.4m, PL 1607, Co. Kildare, (22 pages). |
| Drill log for Drillhole No: HB 160, Total Length 424.85m, PL 1607, Co. Kildare, (20 pages). |
| Drill log for Drillhole No: HB 161, Total Length 423.1m, PL 1607, Co. Kildare, (21 pages). |
| Drill log for Drillhole No: HB 162, Total Length 474.26m, PL 1607, Co. Kildare, (23 pages). |
| Drill log for Drillhole No: HB 163, Total Length 458.72m, PL 1607, Co. Kildare, (23 pages). |
| Drill log for Drillhole No: HB 164, Total Length 466.34m, PL 1607, Co. Kildare, (23 pages). |
| Drill log for Drillhole No: HB 165, Total Length 500.8m, PL 1607, Co. Kildare, (26 pages). |
| Drill log for Drillhole No: HB 166, Total Length 447.75m, PL 1607, Co. Kildare, (20 pages). |
| Drill log for Drillhole No: HB 79A, Total Length 468.17m, PL 1607, Co. Kildare, (23 pages). |
| Drill log for Drillhole No: HB 83A, Total Length 488.59m, PL 1607, Co. Kildare, (24 pages). |
| Drill log Hole No: HB100, Total length 71m, PL 1607, Co. Kildare, (1 page). |
| Drill log Hole No: HB101, Total length 75m, PL 1607, Co. Kildare, (1 page). |
| Drill log Hole No: HB102, Total length 475.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB103, Total length 441.7m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB104, Total length 386.5m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB104, Total length 386.5m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB105, Total length 467.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB105, Total length 467.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB106, Total length 230.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB106, Total length 230.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB107, Total length 452.9m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB108, Total length 164.61m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB108, Total length 164.61m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB109, Total length 114.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB109, Total length 114.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB110, Total length 199.94m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB110, Total length 199.94m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB111, Total length 120.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB112, Total length 449.6m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB113, Total length 137.5m, PL 1607, Co. Kildare, (2 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Drill log Hole No: HB113, Total length 137.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB114, Total length 69.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB115, Total length 228.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB115, Total length 228.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB116, Total length 95.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB116, Total length 95.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB117, Total length 123.1m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB117, Total length 123.1m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: HB118, Total length 106.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB118, Total length 106.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB119, Total length 112.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB120, Total length 148.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB121, Total length 64.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB121, Total length 64.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB122, Total length 102.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB122, Total length 102.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB123, Total length 150m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB123, Total length 150m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: HB124, Total length 197.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB124, Total length 197.5m, PL 1607, Co. Kildare, (6 pages). |
| Drill log Hole No: HB125, Total length 50.3m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: HB126, Total length 97.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB126, Total length 97.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB127, Total length 100.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB128, Total length 132.6m, PL 1607, Ballyteige, Co. Kildare, (2 pages). |
| Drill log Hole No: HB129, Total length 161.6m, PL 1607, Ballyteige, Co. Kildare, (2 pages). |
| Drill log Hole No: HB130, Total length 76.3m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB131, Total length 112.9m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB132, Total length 96.3m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB133, Total length 100m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB134, Total length 86m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB135, Total length 70m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB136, Total length 93m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB137 PL 1607, Co. Kildare, Total length 503.8m, (3 pages). |
| Drill log Hole No: HB138 PL 1607, Co. Kildare, Total length 230.4m, (2 pages). |
| Drill log Hole No: HB139 PL 1607, Co. Kildare, Total length 98.8m, (2 pages). |
| Drill log Hole No: HB140 PL 1607, Co. Kildare, Total length 435.3m, (3 pages). |
| Drill log Hole No: HB141 PL 1607, Co. Kildare, Total length 452m, (3 pages). |
| Drill log Hole No: HB142 PL 1607, Co. Kildare, Total length 84.7m, (2 pages). |
| Drill log Hole No: HB143 PL 1607, Co. Kildare, Total length 182.9m, (2 pages). |
| Drill log Hole No: HB144 PL 1607, Co. Kildare, Total length 230.4m, (2 pages). |
| Drill log Hole No: HB145 PL 1607, Co. Kildare, Total length 428.3m, (3 pages). |
| Drill log Hole No: HB146 PL 1607, Co. Kildare, Total length 67.1m, (1 page). |
| Drill log Hole No: HB147 PL 1607, Co. Kildare, Total length 39.6m, (1 page). |
| Drill log Hole No: HB148 PL 1607, Co. Kildare, Total length 448.1m, (3 pages). |
| Drill log Hole No: HB149 PL 1607, Co. Kildare, Total length 59.3m, (2 pages). |
| Drill log Hole No: HB150 PL 1607, Co. Kildare, Total length 175.8m, (2 pages). |
| Drill log Hole No: HB151 PL 1607, Co. Kildare, Total length 328.3m, (2 pages). |
| Drill log Hole No: HB152 PL 1607, Co. Kildare, Total length 391.4m, (3 pages). |
| Drill log Hole No: HB153 PL 1607, Co. Kildare, Total length 178m, (8 pages). |
| Drill log Hole No: HB154 PL 1607, Co. Kildare, Total length 494.4m, (21 pages). |
| Drill log Hole No: HB155 PL 1607, Co. Kildare, Total length 210m, (3 pages). |
| Drill log Hole No: HB156 PL 1607, Co. Kildare, Total length 107m, (2 pages). |
| Drill log Hole No: HB65, Total length 308.5m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB65A, Total length 275.8m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: HB66, Total length 139m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB68, Total length 80.8m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB72, Total length 91.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB73, Total length 69m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB74, Total length 92.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB75, Total length 73.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB78, Total length 20m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB79, Total length 77.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB80, Total length 82.3m, PL 1607, Co. Kildare, (1 page). |
| Drill log Hole No: HB81, Total length 82.3m, PL 1607, Co. Kildare, (2 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Drill log Hole No: HB82, Total length 73.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB85, Total length 112.8m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB89, Total length 47.24m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB90, Total length 101m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB91, Total length 86.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB92, Total length 118.85m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB93, Total length 112.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB94, Total length 90.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB95, Total length 117.1m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB96, Total length 128.35m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB97, Total length 117.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB98, Total length 110.15m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB99, Total length 120.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB56, Total length 100.9m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB57, Total length 150.2m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB58, Total length 116.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB59, Total length 116.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB60, Total length 64m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB61, Total length 28.95m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB62, Total length 77m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB63, Total length 39.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB64, Total length 33.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB65, Total length 41.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB66, Total length 66.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB67, Total length 181.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB68, Total length 42m, PL 1604, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB69, Total length 59.4m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB70, Total length 246m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB71, Total length 30.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB72, Total length 70.1m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: RHB73, Total length 92m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB74, Total length 114.8m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB75, Total length 473.0m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB75, Total length 473m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB75, Total length 473m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB76, Total length 30.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB77, Total length 77.9m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB78, Total length 51.45m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB79, Total length 89.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB80, Total length 96m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB81, Total length 106.75m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB82, Total length 111.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB82, Total length 111.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB84, Total length 45m, PL 1607, Co. Kildare, (2 pages). |
| Drill logs borehole BND - 1 on PL 1318, Kilcock Block, Co. Kildare, (6 pages) Length 148.5m = EOH. Fig. 3b |
| Drill section KLD1 (Whitechurch townland, Straffan, Co. Kildare) on PL1211 Total depth 235' Fig 8. |
| Drill section KLD2 (Moortown townland, Kilcullen, Co. Kildare) on PL 1208 (Kildare 28) Fig. 9. |
| Drillhole location map, Drillhole MND4, O.S. Sheet Kildare 26, PL 3427 Monasterevin, Co. Kildare. |
| Drillhole log MND4, PL 3427 Killbog, Monasterevin, Co. Kildare, Length 130.6m, (3 pages). |
| Drillhole log no. MND2, PL 3649 Mullaghroe, Co. Kildare, Length 165.6m, (4 pages). |
| Drillhole log no. MND3, PL 3649 Mullaghroe, Co. Kildare, Length 381m, (9 pages). |
| Dublin, West Wicklow & Kildare District: Leinster Granite, Bray Group, Caledonian Dolerites, Ordovician volcanics, Ordovician-Silurian sediments, apinites. |
| E Block Location Plan, PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, Fig. 3. |
| E Block Work Compilation, PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, Fig. 2. |
| EM 16-R Apparent resistivity map - 100m Harberton Bridge, PL 1607, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 21. |
| Exploration report on PL's. 1602, 1605, 1606, 1609, 1610 - Kildare, Dublin dated July 1983 to June 1985 (report 17 pages) |
| Exploration Report on the Clane Licence Group, PLs 1602, 1605, 1606, 1609, 1610 - Kildare dated 21/12/1982 (8 pages) |
| Exploration summary map PL 2060 Ballykane Hill, Co. Kildare Scale 1:2500. |
| Exploration summary map PL 2062 Ballybryan Hill, Co. Kildare Scale 1:2500. |
| Exploration summary map PL 2062 Nules Bridge, Co. Kildare Scale 1:2500. |
| Field work 1976 map Kildare block on PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639+ 1640, Scale 1/2" = 1 mile, Fig. 1. |
| Final report (English text) on PLs 1155 to 1158 - Athy, Kildare October 1970 (10 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Final report (French text) on PLs 1155 to 1158 - Athy, Kildare October 1970 (11 pages) |
| Final report for PL 1608 Co. Kildare, (1 page). |
| Final report on PL's 1155 to 1158 - Kildare 13/7/72 (4 pages). |
| General map of PL 894 - 6" Kildare 21, 22, 26 + 27 showing the arrangement of the exploration traverses + the outline geology |
| Generalised Geology map Harberton Bridge Co. Kildare PLs 1604 + 1607 (Scale 1" : 1 mile) (Fig. 2) |
| Generalised geology map Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1" : 1 mile, Fig. 2. |
| Generalised geology map of Harberton Bridge, Co. Kildare with overlay showing VLF-R survey area, Scale 1": 1 mile, Fig. 2. |
| Generalised geology map of Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 2. |
| Generalised geology of PL's 1604 + 1607, Harberton bridge area, Co. Kildare, Scale 1" : 1 mile, Fig. 2. |
| Generalised stratigraphic successions : NE Co. Kildare |
| Generalised Stratigraphic Succession Central + NE Kildare, Scale 4.2cm : 1000'. |
| Generalised Stratigraphic Successions Kildare, Scale 1: 6000 approx. |
| Geochemical (soil + peat) survey of PL 1281 Robertstown area - 6" Kildare 12,13,17 + 18 (Cu, Pb, Zn)Includes geology of PL 1281 |
| Geochemical anomaly map of PL 2830 - 6" Kildare 37. |
| Geochemical anomaly map of PL 2831 - 6" Kildare 39. |
| Geochemical anomaly map of PLs 2429 and 2834 - 6" Kildare 38 and Wicklow 26. |
| Geochemical anomaly of PLs 2831 and 2834 - 6" Kildare 40. |
| Geochemical Contours on PL 890, Cu (Scale 1":880') Offaly 27, 28, Kildare 16. |
| Geochemical Contours on PL 890, Pb (Scale 1":880') Offaly 27,28, Kildare 16. |
| Geochemical Contours on PL 890, Zn (Scale 1":880') Offaly 27, 28, Kildare 16. |
| Geochemical plan of PL 725 6" Kildare 17 + 22 (Cu, Pb, Zn) |
| Geochemical plan of PL 894 - 6" Kildare 26 (Cu, Pb, Zn) |
| Geochemical plan of PL 894 - 6" Kildare 26 (Cu, Pb, Zn) |
| Geochemical plan of PL 894 6" Kildare 21 (Cu, Pb, Zn) threshold values |
| Geochemical plan of PL 897 - 6" Kildare 21 (Cu, Pb, Zn) |
| Geochemical plan of PLs 894 + 1557 - 6" Kildare 22 (Cu, Pb, Zn) |
| Geochemical plan of PLs 894 + 1557 - 6" Kildare 27 (Cu, Pb, Zn) |
| Geochemical plan of PLs 897 + 1557 - 6" Kildare 22 (Cu, Pb, Zn) |
| Geochemical plan of PLs 897 + 1557 - 6" Kildare 27 (Cu, Pb, Zn) |
| Geochemical plan of Rathangan area, Co. Kildare PL 863, Cu ppm Contours, Scale 1" = 880'. |
| Geochemical plan of Rathangan area, Co. Kildare PL 863, Pb ppm Contours, Scale 1" = 880'. |
| Geochemical plan of Rathangan area, Co. Kildare PL 863, Zn ppm Contours, Scale 1" = 880'. |
| Geochemical progress report for PL 1629, Sheet no. Kildare 16, (2 pages). |
| Geochemical progress report for PL's 1629 + 1630, Sheet no. Kildare 17, (4 pages). |
| Geochemical progress report for PL's 1629, 1630 + 1631, Sheet no. Kildare 12, (4 pages). |
| Geochemical progress report for PL's 1629, 1630 + 1631, Sheet no. Kildare 13, (5 pages). |
| Geochemical progress report for PL's 1630 + 1631, Sheet no. Kildare 8, (4 pages). |
| Geochemical progress report for PL's 1630 + 1631, Sheet no. Kildare 9, (3 pages). |
| Geochemical progress report for PL's 1632, Sheet no. Kildare 18, (5 pages). |
| Geochemical progress report for PL's 1632, Sheet no. Kildare 23, (5 pages). |
| Geochemical progress report on PL 1633 6" Kildare 22, Sept. 1974 (4 pages) |
| Geochemical progress report on PL 1634 6" Kildare 21, Sept. 1974 (4 pages) (Cu, Pb, Zn). |
| Geochemical progress report on PL 1634 6" Kildare 26, Sept. 1974 (5 pages) |
| Geochemical progress report on PL 1634 6" Kildare 30, Sept. 1974 (3 pages) |
| Geochemical progress report on PL 1636 6" Kildare 32, Sept. 1974 (3 pages) |
| Geochemical progress report on PL 1637 6" Kildare 37, Sept. 1974 (2 pages) |
| Geochemical progress report on PL 1637 6" Kildare 38, Sept. 1974 (2 pages) |
| Geochemical progress report on PLs 1633 - 1635 6" Kildare 27, Sept. 1974 (3 pages) |
| Geochemical progress report on PLs 1633 - 1635 6" Kildare 28, Sept. 1974 (4 pages) |
| Geochemical progress report on PLs 1634 - 1636 6" Kildare 31, Sept. 1974 (3 pages) |
| Geochemical progress report on PLs 1636 and 1637 6" Kildare 35, Sept. 1974 (3 pages) |
| Geochemical progress report on PLs 1636 and 1637 6" Kildare 36, Sept. 1974 (2 pages) |
| Geochemical prospecting and water borehole data map on PL 2518, Co. Kildare, Fig. 2. |
| Geochemical results of deep soil sampling survey- Cu, Pb, Zn in ppm, PL 863 Rathangan, Co. Kildare, Scale as shown on map. |
| Geochemical soil survey Cu in soils (1 : 10,560) Kildare 4, PLs 1316, 1317 + 1318 |
| Geochemical soil survey Cu in soils (1 : 10,560) Kildare 8, PL 1316 |
| Geochemical soil survey of Cu in soils (1 : 10,560) Kildare 9 PI 1316 |
| Geochemical soil survey of Pb in soils (1: 10, 560) Kildare 8, PL 1316 |
| Geochemical soil survey of PL 2060 (Kildare 1) (Cu). |
| Geochemical soil survey of PL 2060 (Kildare 1) (Pb). |
| Geochemical soil survey of PL 2061 (Kildare 8) (Cu). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Geochemical soil survey of PL 2061 (Kildare 8) (Pb). |
| Geochemical soil survey of PL 2061 (Kildare 8) (Zn). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 2) (Pb). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 2) (Zn). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 3) (Cu). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 3) (Pb). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 3) (Zn). |
| Geochemical soil survey of PL's 2061 and 2062 (Kildare 7) (Cu). |
| Geochemical soil survey of PL's 2061 and 2062 (Kildare 7) (Pb). |
| Geochemical soil survey of PL's 2061 and 2062 (Kildare 7) (Zn). |
| Geochemical soil survey of Zn in soils (1 : 10,560 Kildare 9, PL 1316 |
| Geochemical soil survey of Zn in soils (1 : 10,560) Kildare 8 PI 1316 |
| Geochemical soil survey Pb in soils (1 : 10,560) Kildare 4 PLs 1316, 1316 + 1318 |
| Geochemical soil survey Zn in soils (1 : 10,560) Kildare 4, PL 1316, 1317 + 1318 |
| Geochemical soil survey, Cu in soils (1 : 10,560) Kildare 3, PL 1316 |
| Geochemical soil survey, Zn in soils (1 : 10,560) Kildare 3, PL 1316 |
| Geochemical Survey copper in soils map Kildare 13 PLs 1604, 1605, 1607, 1608 + 1609 (Scale 1:10,560). |
| Geochemical Survey copper in soils map Kildare 17 PL 1607 (Scale 1:10,560). |
| Geochemical Survey copper in soils map Kildare 18 PL 1607 (Scale 1:10,560). |
| Geochemical survey deep sampling (pionjar - Pb, Zn, Cu, Mn), O.S. Sheet Kildare 12, PL 1630, May 1979, Scale 1:10,560. |
| Geochemical survey deep sampling (pionjar - Pb, Zn, Cu, Mn), O.S. Sheet Kildare 13, PL 1630, June 1979, Scale 1:10,560. |
| Geochemical survey deep sampling (pionjar - Pb, Zn, Cu, Mn), O.S. Sheet Kildare 8, PL 1630, May 1979, Scale 1:10,560. |
| Geochemical survey deep sampling (pionjar - Pb, Zn, Cu, Mn), O.S. Sheet Kildare 9, PL 1630, June 1979, Scale 1:10,560. |
| Geochemical survey for Copper in soils PL 1629 + 1630, Co. Kildare, Map sheet no. Kildare 12, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1629 + 1631, Co. Kildare, Map sheet no. Kildare 13, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1629 + 1632, Co. Kildare, Map sheet no. Kildare 17, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1629, Co. Kildare, Map sheet no. Kildare 16, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1630, Co. Kildare, Map sheet no. Kildare 8, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1631, Co. Kildare, Map sheet no. Kildare 9, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1632, Co. Kildare, Map sheet no. Kildare 18, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1629 + 1630, Co. Kildare, Map sheet no. Kildare 12, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1629 + 1631, Co. Kildare, Map sheet no. Kildare 13, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1629 + 1632, Co. Kildare, Map sheet no. Kildare 17, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1629, Co. Kildare, Map sheet no. Kildare 16, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1630, Co. Kildare, Map sheet no. Kildare 8, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1631, Co. Kildare, Map sheet no. Kildare 9, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1632, Co. Kildare, Map sheet no. Kildare 18, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1629 + 1630, Co. Kildare, Map sheet no. Kildare 12, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1629 + 1631, Co. Kildare, Map sheet no. Kildare 13, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1629 + 1632, Co. Kildare, Map sheet no. Kildare 17, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1629, Co. Kildare, Map sheet no. Kildare 16, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1630, Co. Kildare, Map sheet no. Kildare 8, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1631, Co. Kildare, Map sheet no. Kildare 9, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1632, Co. Kildare, Map sheet no. Kildare 18, Scale 6" : 1 mile. |
| Geochemical Survey lead in soils map Kildare 13 PLs 1604, 1605, 1607, 1608 + 1609 (Scale 1:10,560). |
| Geochemical Survey lead in soils map Kildare 17 PL 1607 (Scale 1:10,560). |
| Geochemical Survey lead in soils map Kildare 18 PL 1607 (Scale 1:10,560). |
| Geochemical survey of PL 1208 (Kildare 28) (Cu, Pb, Zn) Fig. 5. |
| Geochemical survey of PL 1211 (Kildare 14) (Cu, Pb, Zn) Fig. 2. |
| Geochemical survey of PL 1927 - 6" Kildare 39 (Cu, Pb, Zn) |
| Geochemical survey of PL 1927 - 6" Kildare 40 (Cu, Pb, Zn) |
| Geochemical survey of PL 1928 - 6" Kildare 37 (Cu, Pb, Zn) |
| Geochemical survey of PL 1928 - 6" Kildare 38 (Cu, Pb, Zn) |
| Geochemical survey of PL's 1208 - 1211 (Kildare 14) (Hg) Fig. 2. |
| Geochemical survey of PL's 1208 - 1211 (Kildare 19) (Hg) Fig. 3. |
| Geochemical survey of PL's 1208 - 1211 (Kildare 23) (Hg) Fig. 4. |
| Geochemical survey of PL's 1208 - 1211 (Kildare 24) (Hg) Fig. 5. |
| Geochemical survey of PL's 1208 - 1211 (Kildare 32) (Hg) Fig. 7. |
| Geochemical survey of PL's 1209 and 1210 (Kildare 23 and 24) (Cu, Pb, Zn) Fig. 4. |
| Geochemical survey of PL's 1210 and 1211 (Kildare 19) (Cu, Pb, Zn) Fig. 3. |
| Geochemical survey of PLs 1316-1318, Co. Kildare (1" O.S. sheets, 100, 101, 110, 111) Cu in soils |
| Geochemical survey of PLs 1316-1318, Co. Kildare (1" O.S. sheets, 100, 101, 110, 111) Pb in soils |
| Geochemical survey of PLs 1316-1318, Co. Kildare (1" O.S. sheets, 100, 101, 110, 111) Zn in soils |
| Geochemical survey of PLs 1316-1318, Co. Kildare (1" O.S. sheets, 100, 101, 110, 111)(Cu, Pb, Zn in stream sediments) |
| Geochemical survey results for PL 1211 (Kildare 14) Cu, Pb, Zn. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Geochemical survey results for PL's 1208 - 1209 (Kildare 24) 500'X 500' soils geochemistry (Cu, Pb, Zn.). |
| Geochemical survey results for PL's 1208 - 1209 (Kildare 28) 500'X 500' soils geochemistry (Cu, Pb, Zn.). |
| Geochemical survey results for PL's 1209 - 1210 (Kildare 23) 500'X 500' soils geochemistry (Cu, Pb, Zn.). |
| Geochemical survey results for PL's 1210 and d1211 (Kildare 19 and parts of 18 + 20) 500' X 500' soil geochemistry (Cu, Pb, Zn). |
| Geochemical Survey zinc in soils map Kildare 13 PLs 1604, 1605, 1607, 1608 + 1609 (Scale 1:10,560). |
| Geochemical Survey zinc in soils map Kildare 17 PL 1607 (Scale 1:10,560). |
| Geochemical Survey zinc in soils map Kildare 18 PL 1607 (Scale 1:10,560). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 1) (Cu). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 1) (Pb). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 1) (Zn). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 2) (Cu). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 2) (Pb). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 2) (Zn). |
| Geochemistry and I.P Data - Power Auger Grid, PL 863, O.S. Sheet Kildare 16, Scale 25' = 1 mile. |
| Geochemistry coverage map - deep overburden sampling, PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Offaly, Kildare, Laois, Scale 1.5cm : 2 miles. |
| Geochemistry data compilation map Co. Kildare PL 3331 Scale 1:25000. |
| Geochemistry data compilation map Co. Kildare PL 3331 Scale 1:25000. |
| Geochemistry map - Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 9. |
| Geochemistry map for PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 12, 17, Scale as shown on map, map 1. |
| Geochemistry map of Lullymore bog for PL's 1629 + 1630, 6" Sheets Kildare 7, 8, 12, 16, 17 + Offaly 12, 20 + 28, Scale 6" : 1 mile. |
| Geochemistry map on PL 890, Scale 6":1 mile (Kildare 12, 17) |
| Geochemistry of Northern part of PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 12, 17, 21, 22, Scale as shown on map, map 2. |
| Geochemistry of Southern part of PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 16, 17, Scale as shown on map, map 3. |
| Geochemistry, IP data + positions of DDHs on PL 723 Betaghstown area Prosperous, Co Kildare (25":1 mile) (Cu, Pb, Zn) |
| Geological / Geophysical compilation map on PL's 863, 1629 to 1632, O.S. Sheets Kildare 2, 3, 4, 7, 8, 9, 16A, 12, 13, 16, 17, 18, 21, 22, 23, Scale 3" = 1 mile, map 1. |
| Geological base map of PL 894 6" Kildare 21, 22, 26 + 27 |
| Geological Compilation for PL's 2516 + 3610, Kildare block, Scale 1 : 25,000, O. S. Sheets Kildare 22, 27, 28, 31 + 32. |
| Geological compilation map of PL 3427 Monasterevin, Co. Kildare, Scale 1 : 50, 000, Fig. 2. |
| Geological cross-section of the Ballykane area, Co. Kildare showing proposed drillhole |
| Geological cross-section of the Ballykane area, Co. Kildare showing proposed drillhole locations. |
| Geological features of Rickardstown exploration play map on PL 1632, Co. Kildare, Scale 5cm : 600ft. |
| Geological fence spanning Allenwood East and West on PL 1629, Co. Kildare, Scale 1": 80' (Vertical), 1":160' (Horizontal). |
| Geological Interpretation Map of PL 1608, Dated Dec.1998 From Sheets: Kildare 13, 14, 18 + 19) (scale 1:25,000) |
| Geological map - 100m Grid Harberton Bridge, PL 1604, Scale 6": 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 4. |
| Geological map for PL 1626 Co. Kildare, Map sheet 109, Scale 1" : 1 mile. |
| Geological map for PL 1629 Co. Kildare, Map sheet Kildare 16 + 16A, Scale 6": 1 mile. |
| Geological map for PL 1629, O.S. Sheets Kildare 16 + 16A, Scale 6" : 1 mile. |
| Geological map for PL 1631 Co. Kildare, Map sheet 111, Scale 1": 1 mile. |
| Geological map for PL 1631 Co. Kildare, Map sheet Kildare 9, Scale 6": 1 mile. |
| Geological map for PL 1632 Co. Kildare, Map sheet 120, Scale 1": 1 mile. |
| Geological map for PL 1632 Co. Kildare, Map sheet Kildare 18, Scale 6": 1 mile. |
| Geological map for PL 1632, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| Geological Map for PL 3332, Sheet no. Kildare 14, Nov. 1997 (Scale 1:10,560) |
| Geological Map for PL 3332, Sheet no. Kildare 19, Nov. 1997 (Scale 1:10,560) |
| Geological Map for PL 3434, Sheet no. Kildare 14, Nov. 1997 (Scale 1:10,560) |
| Geological Map for PL 3434, Sheet no. Kildare 19, Nov. 1997 (Scale 1:10,560) |
| Geological Map for PL 3434, Sheet no. Kildare 20, Nov. 1997 (Scale 1:10,560) |
| Geological map for PL's 1624 and 1639 Co. Kildare, Map sheet 118, Scale 1": 1 mile. |
| Geological map for PL's 1626, 1629, 1630 and 1631 Co. Kildare, Map sheet 110, Scale 1": 1 mile. |
| Geological map for PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile. |
| Geological map for PL's 1629 + 1632, O.S. Sheet Kildare 17, Scale 6" : 1 mile. |
| Geological map for PL's 1629 and 1630 Co. Kildare, Map sheet Kildare 12, Scale 6": 1 mile. |
| Geological map for PL's 1629 and 1631 Co. Kildare, Map sheet Kildare 13, Scale 6": 1 mile. |
| Geological map for PL's 1629 and 1632 Co. Kildare, Map sheet Kildare 17, Scale 6": 1 mile. |
| Geological map for PL's 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 6" : 1 mile. |
| Geological map for PL's 1630 + 1631, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| Geological map for PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 6" : 1 mile. |
| Geological map for PL's 1630 and PL 1631 Co. Kildare, Map sheet Kildare 8, Scale 6": 1 mile. |
| Geological Map NE Co. Kildare, Scale 4.3cm : 5 miles. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Geological map No PL, O.S. Sheet Kildare 14, Scale 6" : 1 mile. |
| Geological map No PL, O.S. Sheet Kildare 15, Scale 6" : 1 mile. |
| Geological map No PL, O.S. Sheet Kildare 19, Scale 6" : 1 mile. |
| Geological map O.S. Sheet Kildare 9, 10, 13 + 14 on PL 1631, Prosperous, Co. Kildare, Scale 6" : 1 mile. |
| Geological map of Betaghstown on PL 1631 Prosperous, Co. Kildare. |
| Geological map of Betaghstown on PL 1631 Prosperous, Co. Kildare. |
| Geological map of Clane, Co. Kildare, PL 3330, Scale 3cm:2km, Fig. 2. |
| Geological Map of PL 1317, Taken from Kildare 6" Sheets 5+10 (Scale 1:50,000) |
| Geological Map of PL 1318, Taken from Kildare 6" Sheets 5+10 (Scale 1:50,000) |
| Geological map of PL 3427 Monasterevin, Co. Kildare, Scale 10cm : 2500m. |
| Geological map of PL 3610 Monasterevin, Co. Kildare. |
| Geological map of PL 3649 Monasterevin, Co. Kildare. |
| Geological map of PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 2. |
| Geological map of PLs 2429 and 2834 - 6" Kildare 38 and Wicklow 26. |
| Geological map of PLs 2831 and 2834 - 6" Kildare 40. |
| Geological map of PLs 894 + 1557 - 6" Kildare 21, 22, 26 + 27 (Incl. bedrock assay - Cu, Pb, Zn) |
| Geological map of PLs 894 + 1557 - 6" Kildare 22 + 27 (Incl. bedrock assay - Cu, Pb, Zn) |
| Geological map, No PL, O.S. Sheet Kildare 10, Scale 6" : 1 mile. |
| Geological map, No PL, O.S. Sheet Kildare 11, Scale 6" : 1 mile. |
| Geological map, O.S. Sheet Kildare 26, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 10,560. |
| Geological map, O.S. Sheet Kildare 27, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 10,560. |
| Geological map, PL 1641 Monasterevin, Co. Kildare, Scale 5cm : 1250m. |
| Geological report on core material from Boston Hill, Co. Kildare, Ireland; borehole Nos 6 and 7 |
| Geological section on RCD traverse on PL 2822, 'Hill of Allen' Kildare - Old Kilcullen - Awing, DDH Nos. 2822/1 (Scale 1:250). |
| Geological section on RCD traverse on PL's 1633 and 2593, Hill of Allen - Kildare - Old Kilcullen - Newry, DDH 1633/1-8 and 2593/6-11 (Scale 1:250). |
| Geology (Control) Block 'E', PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, DWG No. 3. |
| Geology + Resistivity map on PL 890, Scale 6":1 mile (Kildare 12, 17) |
| Geology and diamond drilling map, PL 863 Rathangan BC, Scale 1:21,120, O.S. Sheet Kildare 12, 16, 17, 21 + 22, Fig. 2. |
| Geology and Drillhole map, Maynooth, Co. Kildare, PL 3330, Scale 2cm:1km, Fig. 2. |
| Geology and Geochemical Map PL 1289, Co. Kildare 6" = 1mlie |
| Geology and Geochemical Map PL 1290 Co. Kildare 6" = 1mile. |
| Geology and geochemistry O.S. Sheet Kildare 12 on PL's 1629, 1630 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 13 on PL's 1629 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 13 on PL's 1629 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 16 + 16A on PL 1629, Sept 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 17 on PL's 1629, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 18 on PL's 1632, Oct. 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 8 on PL's 1630 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 9 on PL's 1630 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 9 on PL's 1630 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry on PL 1608 - 6" Kildare 13 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 1608 - 6" Kildare 18 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 1633 - 6" Kildare 28 (Cu, Pb, Zn - includes DDH locations). |
| Geology and geochemistry on PL 2061 - 6" Kildare 3 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 2593 - 6" Kildare 22 (Cu, Pb, Zn - includes DDH locations). |
| Geology and geochemistry on PL 2823 - 6" Kildare 23 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 2824 - 6" Kildare 24 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 2824 - 6" Kildare 28 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL's 1608, 2824 - 6"Kildare 19 (Cu, Pb, Zn includes DDH Locations). |
| Geology and geochemistry on PL's 1633, 1634, 2592, 2593 - 6" Kildare 27 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL's 1634, 2592 - 6" Kildare 26 (Cu, Pb, Zn - includes DDH locations). |
| Geology and geochemistry, O.S Sheet Kildare 12, PL's 1630 + 1631, March 1980, Scale 1:10,560. |
| Geology and geochemistry, O.S Sheet Kildare 16 + 16A, PL's 1630 + 1631, Sept. 1980, Scale 1:10,560. |
| Geology and geochemistry, O.S Sheet Kildare 17, PL's 1630 + 1631, March 1980, Scale 1:10,560. |
| Geology and geochemistry, O.S Sheet Kildare 8, PL's 1630 + 1631, March 1980, Scale 1:10,560. |
| Geology and geochemistry, O.S Sheet Kildare 9, PL's 1630 + 1631, March 1980, Scale 1:10,560. |
| Geology and soil sampling on PL 1634 - 25" Kildare 8 (Cu, Pb, Zn). |
| Geology and work distribution (sheet 1) on PL's 1624, 1625, 1626, 1639 and 1640, O.S. Sheets Kildare 21, Offaly 18, 19, 26, 27, 33, 34 and Laois 3, 4, 5, 7, 8, 9, 12, 13, 14, Scale 3" = 1 mile, map 1. |
| Geology and work distribution (sheet 2) on PL's 863, 1629, 1630 and 1631, O.S. Sheets Kildare 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 16A, Offaly 12, 20, Scale 3" = 1 mile, map 2. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Geology and work distribution (sheet 3) on PL's 600, 863, 1629 and 1632, O.S. Sheets Kildare 12 to 16, 16A, 17, 18, 19, 21 to 29, Offaly 12, 28, Scale 3" = 1 mile, map 3. |
| Geology map for PL 3329 Kildare 5, 6, 10, 11 Scale 1:25,000. |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (3E). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (Fig 3A). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (Fig 3B). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (Fig 3C). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (Fig 3D). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) |
| Geology map gravity survey on PL 1630 Co. Kildare, map sheet no. Kildare 8, Scale 6" : 1 mile. |
| Geology map gravity survey on PL's 1629 and 1632 Co. Kildare, map sheet no. Kildare 12, Scale 6" : 1 mile. |
| Geology map gravity survey on PL's 1629 and 1632 Co. Kildare, map sheet no. Kildare 17, Scale 6" : 1 mile. |
| Geology map Harberton Bridge Kildare 12 PL 1607 (Scale 6" : 1 mile) (Fig 4a) |
| Geology map Harberton Bridge Kildare 13 PLs 1604 + 1607 (Scale 6" : 1 mile) (Fig 4b) |
| Geology map Harberton Bridge Kildare 17 PL 1607 (Scale 6" : 1 mile) (Fig 4c) |
| Geology map Harberton Bridge Kildare 18 PL 1607 (Scale 6" : 1 mile) (Fig 4d) |
| Geology map of Clane Co. Kildare for PL's 3330 and 3332 Scale 1:85,000. |
| Geology Map PL 1316, 1 : 25,000 Kildare 3, 4, 8, 9 |
| Geology Map PL 1316, 6" = 1 mile Kildare 4 |
| Geology Map PL 1316, 6" = 1 mile Kildare 5 |
| Geology Map PL 1316, 6" = 1 mile Kildare 8 |
| Geology Map PL 1316, 6" = 1 mile Kildare 9 |
| Geology Map PL 1316, 6" = 1 mile Kildare 9 |
| Geology map PL 1607 - 100m Grid Harberton Bridge, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 12. |
| Geology map PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Geology map, Freagh Co. Kildare on PL 3549, Scale 1: 25,000, Fig. 2 |
| Geology map, PL 1607, Scale 1: 10,560, O.S. Sheet Kildare 12, DWG 28. |
| Geology map, PL 1607, Scale 1: 10,560, O.S. Sheet Kildare 13, DWG 29. |
| Geology map, PL 1607, Scale 1: 10,560, O.S. Sheet Kildare 17, DWG 37. |
| Geology map, PL's 1607 + 1608, Scale 1: 10,560, O.S. Sheet Kildare 18, DWG 38. |
| Geology of Kells Minerals Licences Co's Kildare + Dublin - Compilation of existing Geochemistry on PL 1608, Scale 1 : 25,000. |
| Geology of Kells Minerals Licences Co's Kildare + Dublin - Compilation of existing Geophysics on PL 1608, Scale 1 : 25,000. |
| Geology of Kells Minerals Licences Co's Kildare + Dublin on PL 1608, Scale 1 : 25,000. |
| Geology of Kells Minerals Licences Co. Kildare PL 1608, Scale 1 : 25,000. |
| Geology of Kildare - Wicklow: A geological description, to accompany bedrock geology 1:100,000 scale map, Sheet 16, Kildare - Wicklow. |
| Geology of PL's 3433 and 3434 Scale 6" : 1 mile Kildare 11, 15, 15, 19, 20 Dublin 17, 20A 21. |
| Geology of PL's 3433 and 3434 Scale 6" : 1 mile Kildare 11, 15, 15, 19, 20 Dublin 17, 20A, |
| Geology on PL 1603 - 6" Kildare 6 |
| Geology on PL 1605, 1606, 1609, 1610, - 6" Kildare 14 |
| Geology on PL 1608 - 6" Kildare 13. |
| Geology on PL 1608 - 6" Kildare 18. |
| Geology on PL 1633 - 6" Kildare 22. |
| Geology on PL 1633 - 6" Kildare 22. |
| Geology on PL 1633 - 6" Kildare 23. |
| Geology on PL 1633 - 6" Kildare 23. |
| Geology on PL 1633 - 6" Kildare 28 (includes drill hole locations). |
| Geology on PL 1634 - 6" Kildare 21. |
| Geology on PL 1634 - 6" Kildare 21. |
| Geology on PL 1634 - 6" Kildare 26. |
| Geology on PL 1634 - 6" Kildare 26. |
| Geology on PL 1636 - 6" Kildare 32. |
| Geology on PL 1636 - 6" Kildare 32. |
| Geology on PL 1637 - 6" Kildare 37. |
| Geology on PL 1637 - 6" Kildare 37. |
| Geology on PL 2061 - 6" Kildare 3. |
| Geology on PL 2061 - 6" Kildare 8. |
| Geology on PL 2823 - 6" Kildare 23. |
| Geology on PL 2824 - 6" Kildare 24. |
| Geology on PL's 1608 and 2824 - 6" Kildare 19. |
| Geology on PL's 1633 and 1635 - 6" Kildare 28. |
| Geology on PL's 1633 and 2593 - 6" Kildare 22 (includes drill hole locations). |
| Geology on PL's 1633 to 1635 - 6" Kildare 27. |
| Geology on PL's 1633, 1634, 2592 and 2593 - 6" Kildare 27 (includes drill hole locations). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Geology on PL's 1634 and 2592 - 6" Kildare 21 (includes drill hole locations). |
| Geology on PL's 1634 and 2592 - 6" Kildare 26 (includes drill hole locations). |
| Geology on PL's 1634 to 1636 - 6" Kildare 31. |
| Geology on PL's 1636 and 1637 - 6" Kildare 35. |
| Geology on PL's 2822 and 2823 - 6" Kildare 28. |
| Geology on PLs 1600, 1601, - 6" Kildare 6 Meath 53, 53a. |
| Geology on PLs 1600, 1602 - 6" Kildare 5 Meath 49a, 53. |
| Geology on PLs 1602, 1603, 1606, 1610, - Kildare 11 Dublin 17, 20, 20a, 21. |
| Geology on PLs 1602, 1605, 1606, - 6" Kildare 10. |
| Geology on PLs 1608, 1609. - 6" Kildare 19. |
| Geology on PLs 1633 to 1635 - 6" Kildare 27. |
| Geology on PLs 1633 to 1635 - 6" Kildare 28. |
| Geology on PLs 1634 to 1636 - 6" Kildare 31. |
| Geology on PLs 1636 and 1637 - 6" Kildare 35. |
| Geology on PLs 1636 and 1637 - 6" Kildare 36. |
| Geology/Target Map PL 1316 1" = 1 mile, Kildare 3, 4, 8, 9 |
| Geophysical assessment of PL's 1333, 1601, 3611 and 3614 for Kells Minerals Plc August '90 Co's Meath and Kildare. |
| Geophysical coverage map of PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Offaly, Kildare, Laois, Scale 1.5cm : 2 miles. |
| Geophysical Survey Grid K2 Kilcock, Co. Kildare Plate 2 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K2, 3, 4 Kilcock, Co. Kildare Scale 6" = 1 mile, Plate 2, |
| Geophysical Survey Grids K3 Kilcock, Co. Kildare Plate 2 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 1 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 2 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 3 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 4 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 5 PLs 1316, 1317, 1318 |
| Geophysical survey map area, Harberton Bridge, Co. Kildare, Scale 6": 1 mile. |
| Geophysical survey map for PL 3332 Celbridge area Co. Kildare (Scale 6" : 1 mile) |
| Geophysical Survey map for PL 3332 Celbridge area Co. Kildare. |
| Geophysical Survey map for PL 3332 Celbridge area Co. Kildare. |
| Geophysical Survey Map PL 1316 Grids K2, 3, 4, 6" = 1 mile, Kildare 4, 9 |
| Geophysical survey PL 1604, Co. Kildare, Scale 6": 1 mile. |
| Geophysics Anomaly Compilation + DDH Locations on PL 1602 - 25" Kildare 10/12, 16 + 11/9, 13 |
| Geophysics coverage map on PL's 1624, 1625, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Offaly, Kildare + Laois, Scale 1:10,560. |
| Glacial landforms map for S.E Kildare, Rickardstown prospect on PL 1632, Scale 1:5000, Fig. 2. |
| Glacial landforms map Rickardstown prospect S.E Kildare on PL 1632, March 1980, Scale 1:5,000. |
| Gradient array - Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 13. |
| Gradient array I.P on PL 1608 Caragh, Co. Kildare. |
| Gradient I.P. map Panel 1: Barretstown on PL 1632, Co. Kildare, Scale 1:10,560. |
| Gradient I.P. map Panel 2: Wheelam on PL 1632, Co. Kildare, Scale 1:10,560. |
| Gradient I.P. map Panel 4: Cappanargid on PL 863, Co. Kildare, Scale 1:10,560. |
| Gradient I.P. map Panel 5A: Tullylost - Clonmoyle, Co. Kildare on PL 600, Co. Kildare, Scale 1:10,560. |
| Gradient I.P. map Panel 6: Lullymore East, Co. Kildare on PL 1629, Scale 1:10,560. |
| Gradient I.P. map Panel 8:Timahoe, Co. Kildare on PL 1631, Scale 1:10,560. |
| Gradient I.P.map Panel 5B: Tullylost - Clonmoyle, Co. Kildare on PL 863, Co. Kildare, Scale 1:10,560. |
| Gradient I.P.map Panel 7: Allenwood North, Co. Kildare on PL 1629, Scale 1:10,560. |
| Graphic Drillhole log No: CG10 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 30m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG11 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 30m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG12 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 27.5m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG2 on PL 1608 Thomastown Td., Co. Kildare, Length 28m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG3 on PL 1608 Thomastown Td., Co. Kildare, Length 31m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG4 on PL 1608 Raheen Td., Co. Kildare, Length 31.6m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG5 on PL 1608 Raheen Td., Co. Kildare, Length 27.45m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG6 on PL 1608 Dereens Td., Co. Kildare, Length 23.1m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG7 on PL 1608 Moortown Td., Co. Kildare, Length 21.45m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG8 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 27.5m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG9 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 21m, O.S. Sheet Kildare 18, (1 page). |
| Graphic log of Drillhole BS-1 Co. Kildare on PL 3549, Total depth 505m, (3 pages). |
| Gravity Bouguer Anomaly - Block 'E', PL's 1600 - 1610, Co's Kildare + Meath, Scale 1" = 1 mile, DWG No. 8. |
| Gravity Interpretation - Block 'E', PL's 1600 - 1610, Co's Kildare + Meath, Scale 1" = 1 mile, DWG No. 7. |
| Gravity map, PL's 1607 + 1608, Scale 1: 10,560, O.S. Sheet Kildare 18, DWG 40. |
| Gravity results of local anomaly on PL 863 Rathangan area, Co. Kildare, Scale 1" : 400'. |
| Gravity Survey for PL 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 6" : 1 mile. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Gravity Survey for PL 1630, O.S. Sheet Kildare 8, Scale 6" : 1 mile. |
| Gravity Survey Lines 4N, 12S Induced polarization survey, Pole - dipole arrays Line 12S PL 1629 Allenwood Co. Kildare, Plate A-8. |
| Gravity survey on PL 1633 - 6" Kildare 22. |
| Gravity survey on PL 1633 - 6" Kildare 22. |
| Gravity survey on PL 1633 - 6" Kildare 23. |
| Gravity survey on PL 1633 - 6" Kildare 23. |
| Gravity survey on PL 1633 - 6" Kildare 26. |
| Gravity survey on PL 1634 - 6" Kildare 27. |
| Gravity survey on PL's 1629,+ 1631, Sheet Kildare 13, Scale 6" : 1 mile, map 10. |
| Gravity survey on PLs 1634 and 1641 - 6" Laois 9 and 9A, Kildare 26. |
| Grid base map with anomalous zones indicated, Allenwood Co. Kildare PL 1629, Scale 1 : 2500, Plate A- 9. |
| Grid base map with anomalous zones indicated, Hill of Allen area, Co. Kildare PL 1632, Scale 6" = 1 mile, Plate H-1. |
| Groove sampling data results for Borehole MND4, PL 3427 Monasterevin, Co. Kildare, (2 pages). |
| Groove sampling data results for Borehole MND5, PL 3427 Monasterevin, Co. Kildare, (1 page). |
| Groove Sampling MND2, PL 3649 Mullaghroe, Monasterevin, Co. Kildare, (2 pages). |
| Groove Sampling MND3, PL 3649 Mullaghroe, Monasterevin, Co. Kildare, (3 pages). |
| Ground TEM Survey Grid for PL 1608, From Sheet No. Kildare 18 (Scale 10,560) |
| Harberton Betaghston Pionjar Sampling, PL 1604, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Harberton Bridge Work report for period 1/1/94 - 31/12/95, PL's 1604 + 1607, Co. Kildare, (14 pages). |
| Harberton Roadside Pionjar, PL 1607, Scale 1: 10,560, O.S. Sheets Kildare 12, 13, 17 + 18. |
| I.P + Resistivity soundings map Rathangan (BC) on PL 863, O.S. Sheet Kildare 17, Scale 1:10,560, Fig. 1. |
| I.P + Resistivity soundings map, Lines 1, 2 - Resistivity and Chargeability, PL 863 Rathangan - BC, O.S. Sheets Kildare 16, 17, 21 + 22, Scale 1: 10,560, Fig. 4. |
| I.P + Resistivity soundings map, PL 863 Rathangan - BC, O.S. Sheet Kildare 17, Scale 1: 10,560, Fig. 3. |
| I.P + Resistivity survey, Grid : Carragh 1 Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 1 Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 2 Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 2 Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 3 Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 3 Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 4 Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 4 Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 5A Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 5A Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 5B Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 5B Resistivity PL 1608 - Co. Kildare. |
| I.P an Resistivity survey map on PL 1629, O.S. Sheet Kildare 18 - 14, 23 - 2, Scale 1:2500. |
| I.P and Resistivity P.S. Pseudosection P1, 60m Dipole, Lines 900W + 750W, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P2, 60m Dipole, Lines 600W + 450W, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P3, 60m Dipole, Lines 300W + 150W, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P4, 60m Dipole, Lines 00 + 150E, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P5, 60m Dipole, Lines 300E + 450E, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P6, 60m Dipole, Lines 600E + 750E, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P7, 60m Dipole, Lines 900E + 1050E, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity survey map on PL 1631, O.S. Sheet Kildare 12/12, Scale 1:200'. |
| I.P and Resistivity survey map on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P and Resistivity survey map, PL 1629 Allenwood North, Co. Kildare, Chargeability - Downhole Gradient array, Lines 75S, 150S, Scale 1:2500, Fig. 1. |
| I.P and Resistivity survey map, PL 1629 Allenwood North, Co. Kildare, Resistivity, Lines 75S, 00, Scale 1:2500, Fig. 2. |
| I.P Chargeability survey map for PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P Chargeability survey map for PL 1632, O.S. Sheet Kildare 23, Scale 1:10,560. |
| I.P Chargeability survey map for PL 863, O.S. Sheet Kildare 16, 17, 21, 22, Scale 1:10,560. |
| I.P Chargeability survey map Boston - Allenwood area on PL 863, O.S. Sheet Kildare 16, 17, Scale 1:10,560 |
| I.P Chargeability survey map Boston - Allenwood area on PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560 |
| I.P Chargeability survey map for PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P Chargeability survey map for PL's 1624 + 1625, O.S. Sheet Kildare 33, Scale 1:10,560. |
| I.P Chargeability survey map for PL's 1624 + 1625, O.S. Sheet Kildare 34, Scale 1:10,560. |
| I.P Chargeability survey map for PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P Chargeability survey map for PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Chargeability survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560 |
| I.P Chargeability survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560 |
| I.P Chargeability survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P Chargeability survey map on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| I.P Chargeability survey map on PL's 1630 + 1631, O.S. Sheet Kildare 8, Scale 1:10,560. |
| I.P Chargeability survey map on PL's 1630 + 1631, O.S. Sheet Kildare 8, Scale 1:10,560. |
| I.P Chargeability survey map on PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P Resistivity survey map (Chargeability) on PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Resistivity survey map Boston - Allenwood area on PL 863, O.S. Sheet Kildare 16, 17, Scale 1:10,560 |
| I.P Resistivity survey map Boston - Allenwood area on PL's 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Resistivity survey map for PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P Resistivity survey map for PL 1632, O.S. Sheet Kildare 23, Scale 1:10,560. |
| I.P Resistivity survey map for PL 863, O.S. Sheet Kildare 16, 17, 21, 22, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 1624 + 1625, O.S. Sheet Kildare 33, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 1624 + 1625, O.S. Sheet Kildare 34, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Resistivity survey map on PL 1632, on PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P Resistivity survey map on PL's 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Resistivity survey map on PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P survey lines, Straffan Grid, PL's 3433 and 3434 (7 pages) Kildare 14, 19. |
| I.P. Chargeability survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P. Chargeability survey map on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P. Chargeability survey map on PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P. Chargeability survey map on PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P. Chargeability survey map, including location for drillhole 1630/10, Boston - Allenwood area for PL's 1630 + 1631, O.S. Sheet Kildare 8, Scale 1:10,560. |
| I.P. Resistivity survey (compilation) map on PL 863, O.S. Sheet Kildare 12, 17 + 22, Scale 1:10,560. |
| I.P. Resistivity survey (compilation) map on PL 863, O.S. Sheet Kildare 12, 17 + 22, Scale 1:10,560. |
| I.P. Resistivity survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P. Resistivity survey map on PL 1632, O.S. Sheet Kildare 19, Scale 1:10,560. |
| I.P. Resistivity survey map on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P. Resistivity survey map on PL's 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P. Resistivity survey map on PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Index map of the Kilbeggan area, Cos. Kildare, Laois, Offaly + Westmeath (1" OS sheets 109, 118 + 119), (Plate 1) |
| Index map of the Kilbeggan area, Cos. Kildare, Offaly, Laois + Westmeath (1" OS sheets 109, 110, 118 + 119) |
| Induced polarisation + resistivity survey map for PLs 3330 + 3332 Kildare (Scale 1:25,000ft) |
| Induced polarisation and Resistivity survey grid, PL 863 Rathangan area, Co. Kildare, Lines 120E, 117E, 114E, 111E, 108E, 105E, 102E, 99E, 96E, 93E, 90E, Scale 1" = 200ft, Plate no.9. |
| Induced polarisation and Resistivity survey grid, PL 863 Rathangan area, Co. Kildare, Scale 1 : 2500, Plate 8a. |
| Induced polarisation survey on Balrahan, Co. Kildare (3 pages) |
| Induced polarization + Gravity survey report Allenwood Co. Kildare Feb. 1977 on PL 1629, (16 pages). |
| Induced polarization and resistivity survey - Grid Base map, Allenwood area, Co. Kildare PL 1629, Horizontal scale 1" = 200ft, Plate A-4. |
| Induced polarization and resistivity survey map, Lines 00, 1W, Allenwood area, Co. Kildare PL 1629, Horizontal scale 1" = 200ft, Plate A-2. |
| Induced polarization and resistivity survey map, Lines 10N to 4N, 2N, 00, Allenwood area, Co. Kildare PL 1629, Horizontal scale 1" = 200ft, Plate A-1. |
| Induced polarization and resistivity survey map, Lines 11N, 10N, 9N, Allenwood area, Co. Kildare PL 1629, Horizontal scale 1" = 200ft, Plate A-3. |
| Induced polarization and resistivity survey of PL 1211 (Whitechurch area, Co. Kildare) Plate W 2. |
| Induced polarization and resistivity survey of PL 1211 (Whitechurch area, Co. Kildare) Plate W1. |
| Induced polarization and resistivity survey, Lines 6, 7, a= 200ft, N=2, PL 863 Rathangan, Co. Kildare, Scale 6" : 1 mile, Plate R-1. |
| Induced polarization survey Allenwood area, Co. Kildare, November 1976, (13 pages). |
| Induced polarization, Gradient and Pole - Dipole arrays, Lines 23N, 24N, PL 1629 Allenwood, Co. Kildare, Plate A-6. |
| Induced polarization, Gradient and Pole - Dipole arrays, Lines 30N, 21, 12N, PL 1629 Allenwood, Co. Kildare, Plate A-7. |
| Interim report for PL 1632 Rickardstown, Co. Kildare, (12 pages). |
| Interim report on licences 1333 and 3611 Co's Meath, Kildare January 1990 (2 pages). |
| Interim report on PL 3547 Co. Kildare for the one year period ending August 1989 (1 page). |
| Interim report on PL's 1608, 3433 + 3434, Co. Kildare, (2 pages). |
| Interim report on PL's 2516, 3610, Co. Kildare for the one year period ending January 15th, 1991, (3 pages). |
| Interim report on PL's 3329 and 3331, Co. Kildare for the period 1988 - 1989 (2 pages). |
| Interim report on PL's 3433 and 3434, Co. Kildare for one year period ending December 18 '84. 2 pages. |
| Interim report on PLs 2421, 2429, 3137-3139, 3157 + 3292 Cos Dublin , Kildare + Wicklow dated March 13th. 1989 (2 pages + geochemistry map) |
| Interim report to GSI on PL's 3547 and 2549, Co. Kildare PL 3549, (1 page). |
| Interpretation of Drift Features Block 'E' , PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, DWG No. 2. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14a. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14b. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14c. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14d. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14e. |
| IP + Resistivity survey map for PL 3330 Celbridge area Co. Kildare (Scale 6" : 1 mile) |
| IP + Resistivity survey map for PL 3332 Celbridge area Co. Kildare. |
| IP + Resistivity survey map for PL 3332 Celbridge area Co. Kildare. |
| IP + Resistivity survey Milltown PL 3547 Line 1 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 2 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 3 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 4 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 5 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 6 Kildare 23. |
| IP + resistivity survey of PL 723 Betaghstown area Co Kildare (1":200') Plate 5 |
| IP + resistivity survey of PL 723 Betaghstown area Co Kildare (1:2500) Plate 5A |
| IP and resistivity survey (chargeability) on PL's 2823 and 2824 - 6" Kildare 23. |
| IP and resistivity survey of PL's 1243-4, Kildare - Adamstown area - 6" Westmeath 24 7 25 (includes location of VES 1-8), Fig. 2 |
| IP and Resistivity Survey on PL 890,chargeability values Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| IP and resistivity survey on PL's 2823 and 2824 - 6" Kildare 23. |
| IP and Resistivity Survey on PLs 1606, 1609, 1610 - Kildare February March 1985 (15 pages incl. location map chargeability + resistivity assays on Lines 6250 to 11500) |
| IP chargeability survey on PL 1608 - 6" Kildare 18. |
| IP chargeability survey on PL 1608 - 6" Kildare 18. |
| IP chargeability survey on PL 2824 - 6" Kildare 24. |
| IP grid Milltown PL 3547 N=2 (Scale 6" : 1 mile) Kildare 23. |
| IP resistivity survey on PL 1608 - 6" Kildare 18. |
| IP resistivity survey on PL 1608 - 6" Kildare 18. |
| IP resistivity survey on PL 2824 - 6" Kildare 24. |
| IP survey of PL 564 Boston Hill area Co Kildare (1":400') Plate 2 |
| IP survey of PL 591 Lattins Bog area Co Kildare (1":400') Plate 3 |
| IP survey of PL 591 Lattins Bog area Co Kildare (1":400') Plate 4 |
| IP survey of PLs 564 + 591 Lattins Bog area Co Kildare (1":400') Plate 3 |
| IP Survey Rose Lawn area Co. Kildare (3 pages) |
| IP/Resistivity survey (Chargeability) Milltown grid Co Kildare on PL 1632 (Scale 1:25,000) |
| IP/Resistivity survey (Chargeability) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (Chargeability) of Allenwood middle grid Co Kildare on PL 1629, (Scale 1:25,000) |
| IP/Resistivity survey (Chargeability) of Allenwood middle grid Co Kildare on PL 1629, (Scale 1:25,000) |
| IP/Resistivity survey (Compilation map - chargeability) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (dipole - dipole) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (Resistivity) Milltown grid Co Kildare on PL 1632 (Scale 1:25,000) |
| IP/Resistivity survey (Resistivity) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (Resistivity) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (Resistivity) of Allenwood middle grid Co Kildare on PL 1629, 1631 (Scale 1:25,000) |
| IP/Resistivity survey gradient array, (Chargeability), Rickardstown Co Kildare on PL 1632 (Scale 1:25,000) |
| IP/Resistivity survey gradient array, (Resistivity), Rickardstown Co Kildare on PL 1632 (Scale 1:25,000) |
| IP/Resistivity survey map Baronstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map for Rickardstown are Co Kildare on PL 1632, (Scale 1:10560) |
| IP/Resistivity survey map, Chargeability, Baronstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Chargeability, Roseberry Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Chargeability, Scarletstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Resistivity, Baronstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Resistivity, Roseberry Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Resistivity, Scarletstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629, (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629, (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629, (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629, 1629, 1631 (Scale 1:25,000) |
| IP/Resistivity survey of Allenwood middle grid Co Kildare on PL 1629, (Scale 1:25,000) |
| IP/Resistivity survey of Bodenbridge Co Kildare on PL 1629, (Scale 1:2500) |
| Keys to symbols used on graphic logs and stratigraphy sequences in Church Zone - HB67, HB108, HB118, PL's 1604 + 1607, Co. Kildare, (5 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Keys to symbols used on graphic logs and stratigraphy sequences in Hill Zone - Deep Mineralisation HB65 - HB65A, RHB75, PL's 1604 + 1607, Co. Kildare, (5 pages). |
| Keys to symbols used on graphic logs and stratigraphy sequences in Hill Zone - Shallow Mineralisation RHB56 - RHB66, RHB74 - BHB77, HB116, HB123, PL's 1604 + 1607, Co. Kildare, (5 pages). |
| Kilcock Deep Overburden Traverses - Copper, PL 1318, Kilcock, Co. Kildare (Scale 1:10,560) O.S. Sheets Kildare 5 + 6 (Fig. 5a) |
| Kilcock Deep Overburden Traverses - Lead, PL 1318, Kilcock, Co. Kildare (Scale 1:10,560) O.S. Sheets Kildare 5 + 6 (Fig. 5b) |
| Kilcock Deep Overburden Traverses - Zinc, PL 1318, Kilcock, Co Kildare (Scale 1:10,560) O.S. Sheets Kildare 5 + 6 (Fig. 5c) |
| Kilcock Soil Geochemistry, Copper, PL 1316 Co. Kildare (Fig. 2a) |
| Kilcock Soil Geochemistry, Lead, PL 1316 Co. Kildare (Fig. 2b) |
| Kilcock Soil Geochemistry, Zinc, PL 1316 Co. Kildare (Fig. 2c) |
| Kilcock soil sampling copper (Scale 1:10,560) O.S. Sheet Kildare 5, 6, 9, 10, PL 1318. (Fig 4a) |
| Kilcock soil sampling lead (Scale 1:10,560) O.S. Sheet Kildare 5, 6, 9, 10, PL 1318. (Fig. 4b) |
| Kilcock soil sampling zinc (Scale 1:10,560) O.S. Sheet Kildare 5, 6, 9, 10, PL 1318. (Fig. 4c) |
| Kilcock, PL 1316, Location map, Scale 1:250,000 Co. Kildare (Fig. 1a) |
| Kilcock, PL 1316, Work completed, Scale 1:63,360 Co. Kildare (Fig. 1b) |
| Kildare 13 Pionjar Sampling PL 1604, Scale 1: 10,560. |
| Kildare 17 Geology and geochemistry map on PL 1632 (Scale 1:10,560). |
| Kildare 18 Geology and geochemistry map on PL 1632 (Scale 1:10,560). |
| Kildare 21 Geology and geochemistry map on PL 1634 (Scale 1:10,5650). |
| Kildare 21 Geology and geochemistry map on PL's 1634 and 2592 (Scale 1:10,5650). |
| Kildare 23 Geology and geochemistry map on PL 1632 (Scale 1:10,560). |
| Kildare 26 Geochemical survey map on P's 1634 and 2592 (Scale 1:10,5650). |
| Kildare 27 Geochemical survey map on PL's 1634, 2592 and 2593 (Scale 1:10,5650). |
| Kildare 6" sheetNo. 17 Drill hole locations licence 600 |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section AB, PL 1629, Scale as shown, Fig. 8. |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section BC, PL 1629, Scale as shown, Fig. 9. |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section DE, PL 1632, Scale as shown, Fig. 10. |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section FG, PL 1632, Scale as shown, Fig. 11. |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section HI, No PL, Scale as shown, Fig. 12. |
| Kildare sheet 20 on PL 3157 (Scale 1:10,560). |
| Kildare sheet 32 on PL 3796 (Scale 1:10,560). |
| Kildare sheet 36 on PL 3796 (Scale 1:10,560). |
| Kildare Town By-Pass M7 (82483) |
| Kildare Town By-Pass M7 (82484) |
| Kildare Town By-Pass M7 (82485) |
| Kildare Town By-Pass M7 (82486) |
| Kildare Town By-Pass M7 (82487) |
| Kildare Town By-Pass M7 (82488) |
| Kildare Town By-Pass M7 (82489) |
| Kildare Town By-Pass M7 (82490) |
| Kildare Town By-Pass M7 (82491) |
| Kildare Town By-Pass M7 (82492) |
| Kildare Town By-Pass M7 (82493) |
| Kildare Town By-Pass M7 (82494) |
| Kildare Town By-Pass M7 (82495) |
| Kildare Town By-Pass M7 (82496) |
| Kildare Town By-Pass M7 (82497) |
| Kildare Town By-Pass M7 (82498) |
| Kildare Town By-Pass M7 (82499) |
| Kildare Town By-Pass M7 (82500) |
| Kildare Town By-Pass M7 (82501) |
| Kildare Town By-Pass M7 (82502) |
| Kildare Town By-Pass M7 (82503) |
| Kildare Town By-Pass M7 (82504) |
| Kildare Town By-Pass M7 (82505) |
| Kildare Town By-Pass M7 (82506) |
| Kildare Town By-Pass M7 (82507) |
| Kildare Town By-Pass M7 (82508) |
| Kildare Town By-Pass M7 (82509) |
| Kildare Town By-Pass M7 (82510) |
| Kildare Town By-Pass M7 (82511) |
| Kildare Town By-Pass M7 (82512) |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|-----------------------------------|
| Kildare Town By-Pass M7 (82513) |
| Kildare Town By-Pass M7 (82514) |
| Kildare Town By-Pass M7 (82515) |
| Kildare Town By-Pass M7 (82516) |
| Kildare Town By-Pass M7 (82517) |
| Kildare Town By-Pass M7 (82518) |
| Kildare Town By-Pass M7 (82519) |
| Kildare Town By-Pass M7 (82520) |
| Kildare Town By-Pass M7 (82521) |
| Kildare Town By-Pass M7 (82522) |
| Kildare Town By-Pass M7 (82523) |
| Kildare Town By-Pass M7 (82524) |
| Kildare Town By-Pass M7 (82525) |
| Kildare Town By-Pass M7 (82526) |
| Kildare Town By-Pass M7 (82527) |
| Kildare Town By-Pass M7 (82528) |
| Kildare Town By-Pass M7 (82529) |
| Kildare Town By-Pass M7 (82530) |
| Kildare Town By-Pass M7 (82531) |
| Kildare Town By-Pass M7 (82532) |
| Kildare Town By-Pass M7 (82533) |
| Kildare Town By-Pass M7 (82534) |
| Kildare Town By-Pass M7 (82535) |
| Kildare Town By-Pass M7 (82536) |
| Kildare Town By-Pass M7 (82537) |
| Kildare Town By-Pass M7 (82538) |
| Kildare Town By-Pass M7 (82539) |
| Kildare Town By-Pass M7 (82540) |
| Kildare Town By-Pass M7 (82541) |
| Kildare Town By-Pass M7 (82542) |
| Kildare Town By-Pass M7 (82543) |
| Kildare Town By-Pass M7 (82544) |
| Kildare Town By-Pass M7 (82545) |
| Kildare Town By-Pass M7 (82546) |
| Kildare Town By-Pass M7 (82547) |
| Kildare Town By-Pass M7 (82548) |
| Kildare Town By-Pass M7 (82549) |
| Kildare Town By-Pass M7 (82550) |
| Kildare Town By-Pass M7 (82551) |
| Kildare Town By-Pass M7 (82552) |
| Kildare Town By-Pass M7 (82553) |
| Kildare Town By-Pass M7 (82554) |
| Kildare Town By-Pass M7 (82555) |
| Kildare Town By-Pass M7 (82556) |
| Kildare Town By-Pass M7 (82557) |
| Kildare Town By-Pass M7 (82558) |
| Kildare Town By-Pass M7 (82559) |
| Kildare Town By-Pass M7 (82560) |
| Kildare Town By-Pass M7 (82561) |
| Kildare Town By-Pass M7 (82562) |
| Kildare Town By-Pass M7 (82563) |
| Kildare Town By-Pass M7 (82564) |
| Kildare Town By-Pass M7 (82565) |
| Kildare Town By-Pass M7 (82566) |
| Kildare Town By-Pass M7 (82567) |
| Kildare Town By-Pass M7 (82568) |
| Kildare Town By-Pass M7 (82569) |
| Kildare Town By-Pass M7 (82570) |
| Kildare Town By-Pass M7 (82571) |
| Kildare Town By-Pass M7 (82572) |
| Kildare Town By-Pass M7 (82573) |
| Kildare Town By-Pass M7 (82574) |
| Kildare Town By-Pass M7 (82575) |
| Kildare Town By-Pass M7 (82576) |
| Kildare Town By-Pass M7 (82577) |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|-----------------------------------|
| Kildare Town By-Pass M7 (82578) |
| Kildare Town By-Pass M7 (82579) |
| Kildare Town By-Pass M7 (82580) |
| Kildare Town By-Pass M7 (82581) |
| Kildare Town By-Pass M7 (82582) |
| Kildare Town By-Pass M7 (82583) |
| Kildare Town By-Pass M7 (82584) |
| Kildare Town By-Pass M7 (82585) |
| Kildare Town By-Pass M7 (82586) |
| Kildare Town By-Pass M7 (82587) |
| Kildare Town By-Pass M7 (82588) |
| Kildare Town By-Pass M7 (82589) |
| Kildare Town By-Pass M7 (82590) |
| Kildare Town By-Pass M7 (82591) |
| Kildare Town By-Pass M7 (82592) |
| Kildare Town By-Pass M7 (82593) |
| Kildare Town By-Pass M7 (82594) |
| Kildare Town By-Pass M7 (82595) |
| Kildare Town By-Pass M7 (82596) |
| Kildare Town By-Pass M7 (82597) |
| Kildare Town By-Pass M7 (82598) |
| Kildare Town By-Pass M7 (82599) |
| Kildare Town By-Pass M7 (82600) |
| Kildare Town By-Pass M7 (82601) |
| Kildare Town By-Pass M7 (82602) |
| Kildare Town By-Pass M7 (82603) |
| Kildare Town By-Pass M7 (82604) |
| Kildare Town By-Pass M7 (82605) |
| Kildare Town By-Pass M7 (82606) |
| Kildare Town By-Pass M7 (82607) |
| Kildare Town By-Pass M7 (82608) |
| Kildare Town By-Pass M7 (82609) |
| Kildare Town By-Pass M7 (82610) |
| Kildare Town By-Pass M7 (82611) |
| Kildare Town By-Pass M7 (82612) |
| Kildare Town By-Pass M7 (82613) |
| Kildare Town By-Pass M7 (82614) |
| Kildare Town By-Pass M7 (82615) |
| Kildare Town By-Pass M7 (82616) |
| Kildare Town By-Pass M7 (82617) |
| Kildare Town By-Pass M7 (82618) |
| Kildare Town By-Pass M7 (82619) |
| Kildare Town By-Pass M7 (82620) |
| Kildare Town By-Pass M7 (82621) |
| Kildare Town By-Pass M7 (82622) |
| Kildare Town By-Pass M7 (82623) |
| Kildare Town By-Pass M7 (82624) |
| Kildare Town By-Pass M7 (82625) |
| Kildare Town By-Pass M7 (82626) |
| Kildare Town By-Pass M7 (82627) |
| Kildare Town By-Pass M7 (82628) |
| Kildare Town By-Pass M7 (82629) |
| Kildare Town By-Pass M7 (82630) |
| Kildare Town By-Pass M7 (82631) |
| Kildare Town By-Pass M7 (82632) |
| Kildare Town By-Pass M7 (82633) |
| Kildare Town By-Pass M7 (82634) |
| Kildare Town By-Pass M7 (82635) |
| Kildare Town By-Pass M7 (82636) |
| Kildare Town By-Pass M7 (82637) |
| Kildare Town By-Pass M7 (82638) |
| Kildare Town By-Pass M7 (82639) |
| Kildare Town By-Pass M7 (82640) |
| Kildare Town By-Pass M7 (82641) |
| Kildare Town By-Pass M7 (82642) |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Kildare Town By-Pass M7 (82643) |
| Kildare Town By-Pass M7 (82644) |
| Kildare Town By-Pass M7 (82645) |
| Kildare Town By-Pass M7 (82646) |
| Kildare Town By-Pass M7 (82647) |
| Kildare Town By-Pass M7 (82648) |
| Kildare Town By-Pass M7 (82649) |
| Kildare Town By-Pass M7 (82650) |
| Kildare Town By-Pass M7 (83005) |
| Kildare Town By-Pass M7 (83006) |
| Kildare Town By-Pass M7 (83007) |
| Kildare Town By-Pass M7 (83008) |
| Kildare Town By-Pass M7 (83009) |
| Kildare Town By-Pass M7 (83010) |
| Kildare Town By-Pass M7 (83011) |
| Kildare Town By-Pass M7 (83012) |
| Kildare Town By-Pass M7 (83013) |
| Kildare Town By-Pass M7 (83014) |
| Kildare Town By-Pass M7 (83015) |
| Kildare Town By-Pass M7 (98970) |
| Kildare Town By-Pass M7 (98971) |
| Kildare Town By-Pass M7 (98972) |
| Kildare Town By-Pass M7 (98973) |
| Kildare Town By-Pass M7 (98974) |
| Kildare Town By-Pass M7 (98975) |
| Kildare Town By-Pass M7 (98976) |
| Kildare Town By-Pass M7 (98977) |
| Kildare Town By-Pass M7 (98978) |
| Kildare Town By-Pass M7 (98979) |
| Kildare Town By-Pass M7 (98980) |
| Kildare Town By-Pass M7 (98981) |
| Kildare Town By-Pass M7 (98982) |
| Kildare Town By-Pass M7 (98983) |
| Kildare Town By-Pass M7 (98984) |
| Kildare Town By-Pass M7 (98985) |
| Kildare Town By-Pass M7 (98986) |
| Kildare Town By-Pass M7 (98987) |
| Kildare Town By-Pass M7 (98988) |
| Kildare Town By-Pass M7 (98989) |
| Kildare Town By-Pass M7 (98990) |
| Kildare Town By-Pass M7 (98991) |
| Kildare Town By-Pass M7 (98992) |
| Kildare Town By-Pass M7 (98993) |
| Kildare Town By-Pass M7 (98994) |
| Kildare Town By-Pass M7 (98995) |
| Kildare Town By-Pass M7 (98996) |
| Kildare Town By-Pass M7 (98997) |
| Kildare Town By-Pass M7 (98998) |
| Kildare Town By-Pass M7 (98999) |
| Kildare Town By-Pass M7 (99000) |
| Kildare Town By-Pass M7 |
| Kildare Town Sewerage Scheme (78470) |
| Kildare Town Sewerage Scheme (78471) |
| Kildare Town Sewerage Scheme (78472) |
| Kildare Town Sewerage Scheme (78473) |
| Kildare Town Sewerage Scheme (78474) |
| Kildare Town Sewerage Scheme (78475) |
| Kildare Town Sewerage Scheme |
| Kildare.jpg KildarePLs.jpg |
| Kilkea demesne detailed geochemistry PL 1928 - 6" Kildare 37 (Cu) |
| Kilkea demesne detailed geochemistry PL 1928 - 6" Kildare 37(Pb) |
| Kilkea demesne detailed geochemistry PL 1928 - 6" Kildare 37(Zn) |
| Landsat lineaments map Kildare block, Scale 1/2" : 1 mile, map 18. |
| Landsat TM- Band 4 (nIR) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Band 4 (nIR) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Landsat TM- Bands 321 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 321 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 431 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 431 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 524 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 524 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 741 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 741 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Letter from Annraoi Milner Re. Log BS-1, PL 3549, Co. Kildare. |
| Licence renewal report for PL 1608 Co. Kildare, (4 pages). |
| List of Pionjar results, PL 3427 Monasterevin, Co. Kildare, (3 pages). |
| Lithological description of outcrops, No PL, O.S. Sheet Kildare 17, Scale 1:10,560. |
| Lithology of Borehole RND 1 Clane Block, Co. Kildare, PL 3330. |
| Location gravity map on PL 863 Rathangan area, Co. Kildare, Scale 1" : 880'. |
| Location map for 'E' block licences, PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, Fig. 1. |
| Location map for drill holes, PL 1607, Co. Kildare. |
| Location map for Drillhole no. CG - 1, PL 1608, O.S. Sheet Kildare 18. |
| Location map for Drillholes MND2 + MND3, PL 3649 O.S. Sheet Kildare 21, Scale 1 : 10,560, Fig. 4. |
| Location map for PL 1317, Taken from Kildare 6" Sheets 5+10 (Scale 1:200,000) |
| Location Map for PL 1318, Taken from Kildare 6" Sheets 5+10 (Scale 1:200,000) |
| Location map for PL 3610 Monasterevin, Co. Kildare. |
| Location map for PL 3649 Co. Kildare, Scale 1 : 250,000, Fig. 1. |
| Location map for PL 3649 Monasterevin, Co. Kildare, Scale 1 : 250,000. |
| Location map for PL's 1624 - 1656, Co's Kildare, Laois and Offaly, Scale 1" : 1 mile. |
| Location map for PL's 3330 and 3331 Clane Co. Kildare Scale 1:250,000. |
| Location map Kilcock Block, Co. Kildare, PL's 1317 and 1318 (Scale 1:250,000). Fig. 1 |
| Location map of Clane, Co. Kildare, PL 3330, Scale 2cm:5km, Fig. 1. |
| Location map of DDHs CN/RL 4 + CN/RL 5 on PLs 1602, 1605 - 6" Kildare 14,15, Dublin 20, 21 |
| Location map of drill hole BS - 1 Co. Kildare on PL 3549, Part of O.S. Sheet Kildare 8, Part of O.S. Sheet Kildare 8. |
| Location map of Drillhole BS - 1, Ballyshannon Co. Kildare on PL 3549. |
| Location map of Hole No: 93-HB-3, PL 1607, Part of 25" Sheet Kildare 13, Scale 1: 10,560. |
| Location map of Hole No: 93-HB-4, PL 1607, Part of 25" Sheet Kildare 13, Scale 1: 10,560. |
| Location map of mineralized boulders on PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Location map of PL 1641 Monasterevin, Co. Kildare, Sept. 1997, Scale 1 : 250,000. |
| Location map of PL 3330 Clane, Co. Kildare, Scale not shown, Fig. 1. |
| Location map of PL 3427 Monasterevin, Co. Kildare, Fig. 1. |
| Location map of PL 3427 Monasterevin, Co. Kildare. |
| Location map of PL 3649 Monasterevin, Co. Kildare, Scale 1 ; 200,000, Fig. 1. |
| Location map of PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 250,000, Fig. 1. |
| Location map on PL 2518, Co. Kildare, Fig. 1. |
| Location map PL 3549, Co. Kildare, Scale 1: 100,000, Fig. 1 |
| Location map PL's 1333, 1601, 3611 and 3614 Co's Meath and Kildare (Scale 1:25,000). |
| Location map PL's 1333, 1601, 3611 and 3614 Co's Meath and Kildare (Scale 1:25,000). |
| Location map PL's 2062, 3374, Longwood, Co.'s Offaly and Kildare, (Scale 1 : 200,000) Fig. 1. |
| Location map PL's 3611, 1333, 1601 and 3614 Co's Meath and Kildare (Scale 1:10,560). |
| Location map prospecting licences under active explorations in NE Co. Kildare |
| Location map, O.S. Sheet Kildare 13, PL 1604. |
| Location of DDH KLD1 (Whitechurch townland, Straffan, Co. Kildare) on PL 1211(Kildare 14) Fig. 7. |
| Location of Drillhole No: HB 120, Scale 1: 10,560, O.S. Sheet Kildare 17. |
| Location of Drillhole No: HB 155, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 156, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 157, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 158, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 159, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 160, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 161, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 162, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 163, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 164, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 165, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 166, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 79A, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 83A, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillholes MND4 + MND5, PL 3427 Monasterevin, Co. Kildare, Fig. 6. |
| Location of I.P. traverses for PL 2593, Kildare block, Scale 1 : 10,560, O.S. Sheets Kildare 22 + 27. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Location of panned concentrate sample sites PL 3157 Results for Au, Ag, As, Cu, Pb, Zn (1 : 20,000) Kildare 20. |
| Location of panned concentrate sample sites PL 3157 Results for Au, Ag, As, Cu, Pb, Zn (1 : 20,000) Kildare 21. |
| Location Plan for PL's 1600 - 1610, Co's Kildare, Meath and Dublin, Scale 1: 350,000, Fig. 1. |
| Location plan of I.P and Resistivity Survey Grid, PL 1629, O.S Sheet Kildare 13-9, Scale 1:2500. |
| Location plan of PL's 1600 - 1610, (surrendered licences highlighted), Co's Kildare, Meath and Dublin, Scale 1:350,000, Fig. 1. |
| Log of DDH 723/1 on PL 723 Betagstown Co Kildare (1 page) Final depth - 201' |
| Log of DDH 723/10 on PL 723 Betagstown Co Kildare (1 page) Final depth - 160' |
| Log of DDH 723/2 on PL 723 Betagstown Co Kildare (1 page) Final depth - 185' |
| Log of DDH 723/3 on PL 723 Betagstown Co Kildare (1 page) Final depth - 209' |
| Log of DDH 723/4 on PL 723 Betagstown Co Kildare (1 page) Final depth - 191' |
| Log of DDH 723/5 on PL 723 Betagstown Co Kildare (1 page) Final depth -162' |
| Log of DDH 723/6 on PL 723 Betagstown Co Kildare (1 page) Final depth - 161' |
| Log of DDH 723/7 on PL 723 Betagstown Co Kildare (1 page) Final depth - 178' |
| Log of DDH 723/8 on PL 723 Betagstown Co Kildare (1 page) Final depth - 192' |
| Log of DDH 723/9 on PL 723 Betagstown Co Kildare (1 page) Final depth - 161' |
| Log of DDH BDK17 on PL 1243, Kildare area, Moate - 6" Westmeath 24 (1 page) |
| Log of DDH BDK18 on PL 1243, Kildare area, Moate - 6" Westmeath 24 (1 page) |
| Log of DDH BDK9 on PL 1244, Kildare area, Moate, Co. Westmeath (1 page) |
| Magnetic intensity (vertical) interpretation on PLs 1602,1603, 1605, 1606, 1610. 6" Kildare 10, 11. |
| Magnetic intensity (vertical) interpretation on PLs 1605,1606, 1609, 1610. 6" Kildare 13 and 14. |
| Magnetic intensity (vertical) interpretation on PLs 1606, 1610 6" Kildare 14, 15. |
| Magnetic intensity (vertical) interpretation on PLs 1608, 1609, 6" Kildare 18, 19. |
| Magnetic Intensity - Vertical - Block 'E' , PL's 1600 - 1610, Co's Kildare + Meath, Scale 1" = 1 mile, DWG No. 5. |
| Magnetic Intensity - Vertical - Interpretation Block 'E' , PL's 1600 - 1610, Co's Kildare + Meath, Scale 1" = 1 mile, DWG No. 6. |
| Magnetic intensity, vertical interpretation(1 : 10,560) Kildare 10 + 11, PLs 1602, 1603, 1605, 1606, 1610 + 1318 |
| Magneto-telluric survey of PL's 1242 + 1243, Kildare area, Moate - 6" Westmeath 24, (fig. 5) |
| Magneto-telluric survey of PL's 1243 + 1244, Kildare area, Co. Westmeath - data plots (Lines A-E, Plates K2-K6, fig. 6), (5 pages) |
| Map of Copper in soils on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 5a |
| Map of DDH locations on PL 1211 (Kildare 14) Fig. 3. |
| Map of Deep Overburden Sampling - Pionjar, Copper in ppm, PL 3649 Monasterevin area, Co. Kildare, Fig. 3a. |
| Map of Deep Overburden Sampling - Pionjar, Cu, Pb, Zn + Depth(m), PL 3649 Monasterevin area, Co. Kildare, Fig. 3d. |
| Map of Deep Overburden Sampling - Pionjar, Lead in ppm, PL 3649 Monasterevin area, Co. Kildare, Fig. 3b. |
| Map of Deep Overburden Sampling - Pionjar, Zinc in ppm, PL 3649 Monasterevin area, Co. Kildare, Fig. 3c. |
| Map of Derrinturn Grid, IP effect, Fig. 1, PL3549, Co. Kildare, (Scale 1: 10,560) |
| Map of Derrinturn Grid, resistivity, Fig. 2, PL3549, Second Separation, Co. Kildare, (Scale 1: 10,560) |
| Map of drill section through DHs 863/1, 863/2 and 863/6 PL 863, Rathangan, Co. Kildare, Scale 1:2500. |
| Map of Geology and Drillholes PL 3649 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 2. |
| Map of Lead in soils on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 5b |
| Map of Pionjar soil sample sites Cu, Pb, Zn and Depth in metres, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 20, 000, Fig. 4a. |
| Map of Pionjar soil sample sites Fe, Mn, Mg and Depth in metres, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 20, 000, Fig. 4b. |
| Map of Regional Gravity data Euler sections, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 3a. |
| Map of Regional Gravity data Euler sections, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 3b. |
| Map of Roselawn Grid, IP Survey about a buried electrode - Chargeability, Celbridge Co. Kildare, PL 3330, Fig. 3. |
| Map of Roselawn Grid, IP Survey about a buried electrode - Resistivity, Celbridge Co. Kildare, PL 3330, Fig. 4. |
| Map of Roselawn Grid, Mise A La Masse, Chargeability, Celbridge Co. Kildare, PL 3330, Fig. 2. |
| Map of Roselawn Grid, Mise A La Masse, Potential, Celbridge Co. Kildare, PL 3330, Scale 1:10,560, Fig. 1. |
| Map of Soil Geochemistry - Copper in ppm, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 4a. |
| Map of Soil Geochemistry - Lead in ppm, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 4b. |
| Map of Soil Geochemistry - Zinc in ppm, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 4c. |
| Map of VLF data Fraser Filter, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3i. |
| Map of VLF data Fraser Filter, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3j. |
| Map of VLF data in - Phase, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3e. |
| Map of VLF data in - Phase, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3f. |
| Map of VLF data Phase angle, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3c. |
| Map of VLF data Phase angle, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3d. |
| Map of VLF data Quad Phase, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3g. |
| Map of VLF data Quad Phase, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3h. |
| Map of VLF data Resistivity, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3a. |
| Map of VLF data Resistivity, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3b. |
| Map of Zinc in soils on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 5c |
| Map showing location of Drill Hole No: 1604/1, PL 1604 Co. Kildare. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Map showing location of Drill Hole No: 1604/2, PL 1604 Co. Kildare. |
| Map showing location of Drill Hole No: HB153, PL 1607 Co. Kildare. |
| Map showing location of Drill Hole No: HB154, PL 1607 Co. Kildare. |
| Map showing location of Drill Hole No: HB156, PL 1607 Co. Kildare. |
| Map showing location of drillholes 863/3, /4 + /5, Kiltaghan north, Co. Kildare, O.S. Sheet Kildare 16. |
| Map Showing rock samples and assays on PL 3793, Co. Kildare (Scale 1" : 1 mile). |
| Map Showing rock samples and assays on PL 3794, Co. Kildare, (Scale 1" : 1 mile). |
| Marathon short drillhole logs, PL 3427 Monasterevin, Co. Kildare, Drillhole nos.1634/1 - 1634/12, (2 pages).. |
| Marathon shortholes, Log of 1641/10 on PL 1641 Monasterevin, Co. Kildare, Length 21.5m, 1/7 page. |
| Marathon shortholes, Log of 1641/11 on PL 1641 Monasterevin, Co. Kildare, Length 39.65m, 1/7 page. |
| Marathon shortholes, Log of 1641/12 on PL 1641 Monasterevin, Co. Kildare, Length 44m, 1/7 page. |
| Marathon shortholes, Log of 1641/13 on PL 1641 Monasterevin, Co. Kildare, Length 24m, 1/7 page. |
| Marathon shortholes, Log of 1641/14 on PL 1641 Monasterevin, Co. Kildare, Length 42.8m, 1/7 page. |
| Marathon shortholes, Log of 1641/7 on PL 1641 Monasterevin, Co. Kildare, Length 15.5m, 1/7 page. |
| Marathon shortholes, Log of 1641/8 on PL 1641 Monasterevin, Co. Kildare, Length 24m, 1/7 page. |
| Marathon shortholes, Log of 1641/9 on PL 1641 Monasterevin, Co. Kildare, Length 26.5m, 1/7 page. |
| Maturation and Micropalaeontology dates from drillcores in the Clane area, Co. Kildare. Dated 11th October 1984 (10 pages) |
| Maynooth maturation in PL's 3329, 3330, Co. Kildare, Fig. 2. |
| Mercury and M.T survey of PL's 1208 - 1211 (Kildare 28) (Hg) Fig. 6. |
| Micro palaeontology report on drillcores from Wheatfield Co. Kildare on PL 2709 (11 pages) |
| Micropalaeontological Sampling sites Block 'E' , PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, DWG No. 1. |
| Micropalaeontology report on Borehole CN/RL - 4, Co. Kildare, dated 12th April 1985, PL 1610 (18 pages) |
| Micropalaeontology report on Borehole CN/RL - 5, Roselawn, Co. Kildare, dated 4th June 1985. PL 1610 (7 pages) |
| Micropalaeontology report on PL 863 Co. Kildare, (1 page). |
| Micropalaeontology report on short Visean boreholes from the Clane area, Co. Kildare. Dated 28th May 1985 (9 pages) |
| MND4 drill log PL 3427, Length 130.6m, Monasterevin, Co. Kildare, Scale 1 : 500, Fig. 7a. |
| MND4 drill log PL 3427, Length 74m, Monasterevin, Co. Kildare, Scale 1 : 500, Fig. 7b. |
| Mo + W in streams PLs 1926-1929 1" OS sheets 128-129 + 137-138 Cos Carlow + Kildare |
| Monasterevin Soil Geochemistry - Zinc map of PL 3649 Co. Kildare, Scale 1cm : 1km, Fig. 6. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 1, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 1, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 2, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 2, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 3, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map Boston - Allenwood area Line 101 + 50E on PL 1632, O.S. Sheet Kildare 18, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line 114E on PL 1632, O.S. Sheet Kildare 18, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line A on PL 1632, O.S. Sheet Kildare 17, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line A on PL 1632, O.S. Sheet Kildare 18, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line B on PL 1632, O.S. Sheet Kildare 17, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line B on PL 1632, O.S. Sheet Kildare 18, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1629, Line 236E, O.S. Sheet Kildare 12, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1629, Line 36N, O.S. Sheet Kildare 12, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12 - 16, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12 - 16, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12 - 16, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 13 - 9 + 10, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 13, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 8, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 8, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 8, Scale 1:200'. |
| Multi array induced polarization map on PL 1630, Line 136N, O.S. Sheet Kildare 8, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1630, Line 168N, O.S. Sheet Kildare 12, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1630, Line 320E, O.S. Sheet Kildare 8, Scale 1" : 200'. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Multi array induced polarization map on PL 1630, Line 328E, O.S. Sheet Kildare 8, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1630, O.S. Sheet Kildare 8, Scale 1:200'. |
| Multi array induced polarization map on PL 1630, O.S. Sheet Kildare 8, Scale not shown. |
| Multi array induced polarization traverses map (Resistivity and Chargeability) on PL 1631, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 200ft. |
| Normalised and interpreted curves and data sets for AW - 126, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 127, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 128, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 129, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 130, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 131, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 132, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 133, O.S. Sheet Kildare 18, (4 pages). |
| Normalised and interpreted curves and data sets for AW - 134, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 135, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 136, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 137, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 138, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 139, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 140, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 141, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 142, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 143, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 144, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 145, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 146, O.S. Sheet Kildare 18, (2 pages). |
| NW - SE section 100NE - Harberton Bridge area, Co. Kildare, Scale 1: 1000, Fig. 20. |
| NW - SE section 500NE - Harberton Bridge area, Co. Kildare, Scale 1: 1000, Fig. 22. |
| Overburden and diamond drill site locations on PL's 2060 and 2062 (Kildare 2 and 3) (Fig. 10). |
| Overburden drill site locations on PL's 2060 and 2062 (Kildare 2 and 3) (Fig. 3). |
| Overburden geochemistry: Reconnaissance sampling sites on PL's 2060 and 2062 (Kildare 2) (Fig. 7). |
| Overburden mapping Kildare 12-7, 12-8, 12-12 on PL's 1629 + 1630. |
| Overburden sampling compilation map (portable drill) on PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Overburden sampling compilation map (portable drill) on PL 863, 1629 + 1630, O.S. Sheet Kildare 12, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1629 + 1630, O.S. Sheet Kildare 12, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1629 + 1631, O.S. Sheet Kildare 13 - 10, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1629, O.S. Sheet Kildare 12 - 12, Scale 1:2500. |
| Overburden sampling compilation map (tractor drill) on PL 1630, O.S. Sheet Kildare 8, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Overburden sampling compilation map - Kildare 8 on PL's 1630, 1631, 2061 (Scale 1:10,560). |
| Overburden sampling compilation map - Kildare 8 on PL's 1630, 1631, 2061 (Scale 1:10,560). |
| Overburden sampling compilation map for PL 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| Overburden sampling compilation map for PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Overburden sampling compilation map of Kildare 13 on PL 1608, 1629 + 1631 - (Scale 1: 10,560). |
| Overburden sampling compilation map of Kildare 13 on PL 1608, 1629 and 1631 - (Scale 1:10560). |
| Overburden sampling compilation map of Kildare 9 on PL 1608, 1629 and 1631 - (Scale 1:10,560) |
| Overburden sampling compilation map of Kildare 9 on PL 1630 and 1631 - 1: (Scale 1:10,560). |
| Overburden sampling compilation map on PL 1630, O.S. Sheet Kildare 12, Scale 1:10,560. |
| Overburden sampling compilation map on PL 1630, O.S. Sheet Kildare 8, Scale 1:10,560. |
| Overburden sampling compilation map on PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL's 1634 and 2592 - 6" Kildare 21 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL's 1634 and 2592 - 6" Kildare 27 (Cu, Pb, Zn). |
| Overburden sampling Kildare O.S. 25":1Mile 22/5, November 1981 |
| Overburden sampling map (tractor drill) area: Rathangan (BC) on PL 863, Cu, Pb, Zn values, O.S. Sheets Kildare 12, 17, Scale 6":1mile. |
| Overburden sampling map (tractor drill) Cu, Pb, Zn for PL 1629 Allenwood South area, O.S. Sheet Kildare 12 - 12, Scale 1:2500. |
| Overburden sampling map (tractor drill) Cu, Pb, Zn for PL's 1629 + 1630 Allenwood North area, O.S. Sheet Kildare 12 - 8, Scale 1:2500. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Overburden sampling map of Kildare 12 on PL 1629 - (Scale 1:10,560). |
| Overburden sampling map of Kildare 12-8 on PL 1629 - (Scale 1:10,560). |
| Overburden sampling map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig 6 |
| Overburden thickness PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Part of 6" Sheet Kildare 13, PL 1604, Scale 1: 10,560. |
| Part of 6" Sheet Kildare 13, PL 1604. |
| Part of 6" Sheet Kildare 13, PL 1607, Scale 1: 10,560. |
| Part of 6" Sheet Kildare 18, PL 1607, Scale 1: 10,560. |
| Part of Kildare sheet 17/14 drill hole locations licence 600, scale 1:25000 |
| Pb Cobra/ Bedrock map for PL 1632, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| Piojar Drilling (holes 75/1 -11 Anomaly 75) on PL1606 25" Kildare 11/4 Killeenlea |
| Pionjar Drill (holes W/1-218, N/1- 121, 70/1 - 30 Anoms. 65, 75, 88) on PLs 1602, 1606, 1610, 1" Kildare 10,11, 14, 15, Dublin 17, 20, 20a, 21, (Zn) |
| Pionjar Drilling (holes 80/1 -13 Anomalies 80,81,) on PL 1603, 25" Kildare 11/1 Donaghmore |
| Pionjar Drilling (holes W/1 - 218, N/1 - 121, 70/1-30, Anoms. 65, 75, 88) On PLs 1602, 1606, 1610, 6" Kildare 10, 11, 14, 15, Dublin 17, 20, 20a, 21. (Pb). |
| Pionjar Drilling on PL 1605 6" Kildare 9, 10, 13, 14, Clane to Prosperous (Pb) |
| Pionjar Drilling on PL 1605, 6" Kildare 9, 10, 13, 14 Clane to Prosperous (Zn) |
| Pionjar Drilling on PLs 1602, 1606, 1610 - 6" Kildare 10, 11, 14, 15, Dublin 17, 20, 20A, 21 (Pb) |
| Pionjar results on PL 1609 - 6" Kildare 14, (Cu, Pb, Zn) |
| Pionjar sampling (1 : 10,156) Kildare 10, PL 1317, 1318, 1602 + 1605 |
| Pionjar sampling (1 : 10,560) Kildare 3, PL 1316 |
| Pionjar sampling (1 : 10,560) Kildare 4, PLs 1316 + 1317 |
| Pionjar sampling (1 : 10,560) Kildare 4, PLs 1316 + 1317 |
| Pionjar sampling (1 : 10,560) Kildare 9, PL 1317 |
| Pionjar sampling (Cu values ppm), PL 3549, Co. Kildare (Scale 1: 25,000) Fig. 8 |
| Pionjar sampling (Pb values ppm), PL 3549, Co. Kildare (Scale 1: 25,000) Fig. 9 |
| Pionjar sampling + drill hole locations on PL 1610 - 25" Kildare 14/15, (Cu, Pb, Zn) (Wheatfield) |
| Pionjar sampling on PL 1605, 6" Kildare 14 (Cu, Pb, Zn). |
| Pionjar sampling on PL 1606, 1609 - 25" Kildare 14/8, 12, (Cu, Pb, Zn) |
| Pionjar Sampling on PL 1610 - 25" Kildare 14.15 (Wheatfield) (Cu, Pb, Zn), Sheet 1 |
| Pionjar Sampling on PL 1610 - 25" Kildare 14.15 (Wheatfield) (Cu, Pb, Zn), Sheet 2 |
| Pionjar sampling on PL 1610 - 25" Kildare 14/15, (Zn, Pb) (Wheatfield) |
| Pionjar sampling on PL1605 - 6" Kildare 14 (Cu, Pb, Zn) |
| Pionjar sampling on PLs 1602, 1603, 1606 - 6" Kildare 11, (Cu, Pb, Zn) |
| Pionjar sampling on PLs 1602, 1603, 1606, 6" Kildare 11 (Cu, Pb, Zn). |
| Pionjar sampling on PLs 1602, 1605 - 6" Kildare 10, (Cu, Pb, Zn) |
| Pionjar sampling on PLs 1602, 1605, 1606, 6" Kildare 10. (Cu, Pb, Zn). |
| Pionjar sampling PL 1606, 1609 - 25" Kildare 14/8, 14/12, (Cu, Pb, Zn) |
| Pionjar Sampling(Au) at Moorhill Co. Kildare O.S. Sheet Kildare 29,(Scale 1 : 2500) |
| Pionjar Sampling, PL 1608, Scale 1: 10,560, O.S. Sheet Kildare 18. |
| Pionlar sampling (1 : 10,560) Kildare 10, PLs 1318 + 1605 |
| Plan of Apparent Resistivity - First Separation, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Plan of Apparent Resistivity - Second Separation, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Plan of Chargeability - First Separation, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Plan of Chargeability - Second Separation, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Plan of section of DDHs BDK1 - BDK9 on PL 1244, Kildare + Westmeath (Final Depths 195', 103, 59' 60", 110', 95', 170' + 317'), Scale 1":40' - includes location map |
| Plans of Allenwood East and West exploration play map on PL 1629, Co. Kildare, Scale 25" : 1 mile. |
| Power auger grid map, PL 863 Rathangan, Co. Kildare, O.S. Sheets Kildare 16 + 17, Offaly 28, Scale 6" : 1 mile. |
| Power auger results - Kiltaghan North, PL 863 Rathangan area, Co. Kildare, O.S. Sheet Kildare xvi - 16, Scale 1:2500, map 5. |
| Power auger results map for PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 12, 17, Scale 6":1 mile, map 6. |
| Power Augering (Portable Drill) on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Power Augering Grid on PL 890, Co.Kildare and Offaly, (Scale 6":1mile). |
| Power Augering on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Power Augering on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Power Augering on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Preliminary evaluation of the Zinc and Lead deposits at Harberton Bridge, Co. Kildare (contents pages) for the year ending 1990, (7 pages). |
| Preliminary evaluation of the Zinc and Lead deposits at Harberton Bridge, Co. Kildare for the year ending 1990, (71 pages). |
| Preliminary progress report on PLs 1602, 1605, 1606, 1609, 1610 - Kildare, Dublin dated June 1983 (12 pages) |
| Preliminary report on PL 723 Prosperous area Co Kildare dated March 1968 (4 pages) |
| Preliminary report on PL 726, Carton Demense area, Co. Kildare dated Feb. 1968, 9 pages |
| Preliminary report on PL 862 Maynooth area Co. Kildare (5 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Preliminary report on PL 863 Rathangan area Co. Kildare, (8 pages). |
| Previous geochemistry + geophysical survey areas on PLs 1602, 1606 - 6" Kildare 10, 11 Roselawn area |
| Previous work and AMI deep overburden drilling geochemistry on PLs 1605, 1609 6" Kildare 14, 15 Wheatfield area |
| Previous work and AMI deep overburden drilling results on PL 1610 6" Kildare 15, Dublin 21 Newcastle area |
| Previous work on AMI deep overburden drilling geochemistry on PLs 1602, 1605, 1606, 6" Kildare 4, 5, 9, 10, 13 Rathcoffey area |
| Previous work on AMI deep overburden drilling geochemistry on PLs 1605, 1609 6" Kildare 13, 14, 18, 19 Sallins area |
| Profile sampling across AFMAG anomaly on PL 591 Lattins Bog area 6" Kildare 18 (Cu, Pb, Zn) |
| Profiles of Gradient Array - 6000 ft geophysical survey Kilcock area K4 Co. Kildare |
| Progress report for PL's 1600 - 1610, Co's Kildare + Meath, for the period 1973 - 1975, (49 pages). |
| Prongar Drilling (holes 15/1-5 Anomaly 15) on PL 1609 25" Kildare 14/13 Fleshtown. |
| Proposed drilling 1977 map Kildare block on PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Scale 1/2" = 1 mile, Fig. 3. |
| Prospecting and Panning map PL 3792, 3777 Co. Kildare O.S. Sheet Kildare 25, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3792, 3793 Co. Kildare O.S. Sheet Kildare 20, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3792, 3793 Co. Kildare, O.S. Sheet Kildare 20, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3792, 3793, Co. Kildare, O.S. Sheet Kildare 20, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3793 and 3777, Co. Kildare, O.S. Sheet Kildare 24,(Scale 1 : 10560) |
| Prospecting and Panning map PL 3793, 3777 Co. Kildare O.S. Sheet Kildare 24, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3793, 3777Co. Kildare, O.S. Sheet Kildare 24, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3794 Co. Kildare O.S. Sheet Kildare 29, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3794 Co. Kildare O.S. Sheet Kildare 29, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3794, Co. Kildare, O.S. Sheet Kildare 29, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3794, Co. Kildare, O.S. Sheet Kildare 29, (Scale 1 : 10560) |
| Prospecting and rock sampling - Kilcock for PL's 1316, 1317 and 1318, Co. Kildare (Fig. 3) |
| Prospecting and rock sampling map for Clane Co. Kildare for PL 3332 Scale 1:10,560. |
| Prospecting and Rock sampling map of PL 3649, Scale 1 : 10,560, O.S. Sheet Kildare 21, Fig. 7a. |
| Prospecting and Rock sampling map of PL 3649, Scale 1 : 10,560, O.S. Sheet Kildare 22, Fig. 7b. |
| Prospecting and Rock sampling map of PL 3649, Scale 1 : 10,560, O.S. Sheet Kildare 27, Fig. 7c. |
| Prospecting and Rock sampling map PL 3427, O.S. sheet Kildare 27, Scale as shown. |
| Prospecting and rock sampling map, Kilcock, Co. Kildare, O.S. Sheet No. KE 9, (Scale 1 : 10,560) |
| Prospecting map for Clane Co. Kildare for PL 3332 Scale 1:10,560. |
| Prospecting map Freagh Co. Kildare on PL 3549, Scale 1: 25,000, Fig. 4 |
| Prospecting map Monasterevan South, O.S. Sheet Kildare 26, PL 3427, Scale 1 : 10,560. |
| Prospecting on PL's 1634 and 2529 - 6" Kildare 26. |
| Prosperous prospect - pre drilling report on PL 1631, Co. Kildare, (4 pages). |
| Provisional stratigraphy N. Kildare, June 1982 |
| Pseudosection of I.P and Resistivity over East zone, PL 1629 Allenwood, Co. Kildare, Scale 1:1500. |
| Pseudosection of I.P and Resistivity over Ford Bridge mineralised zone, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Radem survey of PLs 1243 +1244, Kildare area- 6" Westmeath 24 (map 14). |
| Rathangan VES - 10 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 11 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 12 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 5 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 6 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 7 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 8 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 9 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Reconn. power sampling map, PL 863 Clonmoyle, Rathangan - BC, O.S. Sheets Kildare 16, 17, 21 + 22, Fig. 1. |
| Reconn. power sampling map, PL 863 Clonmoyle, Rathangan - BC, O.S. Sheets Kildare 17, 22, Fig. 2. |
| Reconnaissance Base Metal Geochemistry of One-Inch Sheets 120, 121, 130, 139 (parts of counties Wicklow, Wexford, Kildare and Dublin). |
| Reconnaissance geochemical and geological plan of PL 987 (Kildare 2). |
| Reconnaissance geochemical and geological plan of PL 987 (Kildare 3). |
| Reconnaissance geochemical and geological plan of PL 987 (Kildare 7). |
| Reconnaissance geochemical and geological plan of PL 987 (Kildare 8). |
| Reconnaissance Induced polarization, Lines 15S to 24N, Pole - Dipole array, a = 200ft, N=2, Pl 1629, Allenwood, Co. Kildare, Plate A-5. |
| Reconnaissance overburden drill site locations on PL 2062 (Kildare 7 and part of Offaly 12) (Fig. 11). |
| Regional filtered gravity map on PL 3549, Co. Kildare, Scale 1cm = 1km, Fig. 7 |
| Regional geology of PL 1632 Rickardstown area, Co. Kildare, Fig. 1. |
| Regional Geophysics map, Kildare Licence Block, PL's 2514 + 3684, Scale 1:200,000, Fig. 5. |
| Regional gravity shadowed map, sun at 45 degrees from the West, PL 3649 Co. Kildare, Scale 8cm : 20 km, Fig. 2. |
| Regional Magnetic data map on PL 3549, Co. Kildare, Scale 8cm = 20km, Co. Kildare, Scale 1cm = 1km, Fig. 8 |
| Regional magnetic survey (observed values) of PLs 1926-1928 Cos Carlow + Kildare 1" OS sheets 128-129 + 137 - 138. |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Regional magnetic survey (residual field) of PLs 1926-1928 Cos Carlow + Kildare 1" OS sheets 128-129 + 137 - 138. |
| Regional magnetic survey on PL 890, 6":1 mile (Kildare /Offaly 110 + 119) |
| Regional magnetic's map, PL 3427 Monasterevin, Co. Kildare, Scale 8cm : 10km, Fig. 7B. |
| Regional magnetics survey (contours), PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1:63,360, map 3. |
| Regional magnetics survey (data), PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1:63,360, map 4. |
| Regional setting map of the Kildare Licence Block, PL's 2514 + 3684, Scale 1:200,000, Fig. 1. |
| Relinquishment report on PL's 2516 + 3610, Co. Kildare for the period 16th January 1990 to 15th. February 1991, (8 pages). |
| Renewal of Prospecting Licence 3549 Co. Kildare PL 3549, (4 pages) |
| Renewal report 1992 Prospecting Licence 3549 Co. Kildare, (2 pages) |
| Renewal report for Monasterevan Block, Co. Kildare, PL's 1641 + 3427, (5 pages). |
| Renewal report for P.L.600 in county Kildare |
| Renewal Report for PL 1608, County Kildare, Reporting Period 1994-1996 (4 Pages) |
| Renewal Report For PL 2824, County Kildare, Reporting Period 1996-1998 (5 Pages) |
| Renewal Report For PL 2824, Ccounty Kildare, Reporting Period 1994-1996 (4 Pages) |
| Renewal report for PL 3331 in Co. Kildare for year ending 19 June 1993. |
| Renewal Report For PL 3332, Co. Kildare for Period 1995-1997 (4 Pages) |
| Renewal Report for PL 3332, Co. Kildare, for Period 1997-1999 (Dated Nov. 1999) (4 Pages). |
| Renewal Report For PL 3434, County Kildare for Period 1995-1997 (4 Pages) |
| Renewal Report For PL 3434, County Kildare for Period 1997-1999 (4 Pages) |
| Renewal report for PL 3649 Co. Kildare, June 1993, (4 pages). |
| Renewal Report for PL 3865, Counties Kildare and Dublin, Dated August 1999 (5 Pages) |
| Renewal report for PL's 1604 + 1607, Co. Kildare for the period 1st January 1989 to 31st 1989, (6 pages). |
| Renewal report for PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Kildare + Offaly, (10 pages). |
| Renewal report for Prospecting licences 1601 and 3614, located in Co. Meath and Co. Kildare respectively, (9 pages). |
| Renewal report on PL 1600, 1601, 1602, 1603, 1605, 1606, 1608, 1609, 1610. Meath, Kildare, Dublin (year ending 31/12/76.) (25 pages) |
| Renewal report on PL 1601 - Kildare dated Sept. 1984 (4 pages incl. Geology map) |
| Renewal report on PL 1603 - Kildare dated 8/4/1983 (6 pages incl. list of enclosures) |
| Renewal report on PL 1610 and a Surrender report on PL's 1602, 1605, 1606 + 1609 Cos. Kildare and Dublin - year ending June 1986 (4 pages). |
| Renewal report on PL 3547 Co. Kildare for the two year period ending July 1990 (3 pages). |
| Renewal report on PL 3649, Co. Kildare, (4 pages). |
| Renewal report on PL's 3433 and 3434 Co. Kildare for the two year period ending Nov 28 1990 (4 pages). |
| Renewal report on PLs 1633 - 1637 and 1641 - Kildare, Laois 18/3/76 (9 pages). |
| Renewal report on PLs 2421, 2429, 3137-3139, 3157 + 3292 Cos Wicklow, Dublin + Kildare for the two year period ending June 1990 (3 pages) |
| Renewal report on PLs 2831 + 3247 Cos Kildare + Laois for the 1986-1988 period (4 pages) |
| Renewal report PL's 1604 + 1607 - Harberton Bridge, Co. Kildare, reporting period 1st January 1985 - 31 December 1985, (26 pages). |
| Renewal report PL's 1604 + 1607 - Harberton Bridge, Co. Kildare, reporting period 1st January 1987 - 31st December 1987, (4 pages). |
| Renewal report PLs 1604 + 1607 - Harberton Bridge, Co. Kildare, reporting period 1st January 1988 - 31st December 1988, (4 pages). |
| Renewal report summary, PL's 1604 + 1607, Co. Kildare, 1st January 1984 - 31st December 1984, (4 pages). |
| Report for year ending June 12 1973 PL 600 Co.Kildare (2 pages) |
| Report of Exploration Activities PL's 1600 - 1610, E Block, Co's Kildare, Meath and Dublin, reporting period 1977 - 1978, (41 pages) |
| Report on a Hydrocarbon Litho geochemistry Survey of PLs 1602, 1605, 1606, 1609, 1610 Co.'s Kildare + Dublin dated April 1984 (10 pages) |
| Report on Ballyshannon drillhole Co. Kildare on PL 3549, (1 page). |
| Report on detailed Induced Polarisation surveys at Carragh Co. Kildare on PL 1608, (2 pages). |
| Report on downhole IP surveys at Balraheen, Co. Kildare September 1992 (3 pages) PL's 1317 and 1318. |
| Report on Exploration Activites, PL's 1600 - 1610, Co's Kildare, Meath and Dublin, for reporting period 1/1/1979 to 31/12/1979, (36 pages). |
| Report on Exploration activities on PLs 1316-18, Co. Kildare for the period 28.4.75 to 27.4.76 2 pages |
| Report on Exploration Activities PL's 1600 - 1610, Co's Meath, Kildare + Dublin, reporting period 1976 - 1977, (23 pages). |
| Report on Exploration Activities, PL's 1604 + 1607 Co Kildare for the year ending 1980, (37 pages). |
| Report on Exploration activities on PLs 1316-18, Co. Kildare for the period 28.4.73 to 27.4.74 (2 pages) |
| Report on exploration activity for the period ended 30th March 1977 and proposed work program for 1977 on PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Kildare, Offaly + Laois, (9 pages). |
| Report on Exploration activity on PL's 1316 - 1318, Co. Kildare for the period 28/04/71 - 27/04/72, (5 page). |
| Report on Exploration activity on PL's 1316 - 1318, Co. Kildare for the period 28/04/72 to 27/04/73 (1 page). |
| Report on Exploration activity on PL's 1316-18, Co. Kildare for the period 28/04/72 - 27/04/73, (1 page). |
| Report on exploration activity on PL's 1633 to 1637 and 1641 Kildare 158/3/78 (5 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Report on exploration activity on PLs 1316-1318, Co. Kildare for the period 28.4.74 to 27.4.75 (1 page) |
| Report on exploration activity on PLs 1316-1318, Co. Kildare for the period ending 27.4.77 (4 pages) |
| Report on geological survey on PL's 1155 to 1158 - Athy, Kildare December 1969 (3 pages in English text). |
| Report on geological survey on PL's 1155 to 1158 - Athy, Kildare December 1969 (3 pages in French text). |
| Report on geophysical detail survey Clonygowan area, Portarlinton, Co. Kildare on PL 1624, (1 page). |
| Report on Geophysical Survey on PL 1316, Co. Kildare |
| Report on Geophysical Survey, PL's 1624, 1625, 1626 Co. Offaly, 863, 1629, 1630, 1631, 1632 Co. Kildare, 1639, 1640 Co. Laois, (6 pages). |
| Report on geophysical surveys for Kells Minerals Ltd. at Carragh Co. Kildare on PL 1608, (3 pages). |
| Report on gradient array induced polarization and resistivity surveys at Rickardstown Co. Kildare year ending Oct. '83 on PL 1632 (7 pages). |
| Report on Gravity and Induced Polarization surveys at Allenwood North, Co. Kildare for Marathon Mining Ireland on PL 1629, (8 pages). |
| Report on gravity surveys at Allenwood, Co. Kildare for Marathon Mining Ireland Ltd. on PL 1629, (10 pages). |
| Report on Induced Polarisation + Resistivity surveys at Caragh Co. Kildare on PL 1608, (3 pages). |
| Report on Induced polarization + Resistivity survey at Allenwood, Co. Kildare 31/3/1980 on PL 1929, (9 pages). |
| Report on Induced polarization + Resistivity survey at Hawkfield, Newbridge, Co. Kildare 25/1/1980 on PL 1932, (4 pages). |
| Report on Induced polarization + Resistivity surveys at Kiltaghan and Kilantoge, Co. Kildare PL 863, (4 pages). |
| Report on induced polarization and resistivity survey at Allenwood Co Kildare, year ending Oct 1983, Gradient array surveys of blocks 1 to 7 inclusive and consequent detail dipole - dipole surveys (22 pages). |
| Report on induced polarization and resistivity survey of PL 1211 (Whitechurch area,Co. Kildare) 5 pages. |
| Report on induced polarization and resistivity surveys at Straffon, Co. Kildare PL's 3433 and 3434 (16 pages). Kildare 14, 19. |
| Report on induced polarization gradient array surveys at Newbridge, Co Kildare year ending March '83 on PL 1632 (9 pages). |
| Report on induced polarization surveys at Rickardstown Co. Kildare year ending 9th of April 1980, (6 pages). |
| Report on IP and Resistivity Survey on PL 1610 - Wheatfield area, Kildare dated Sept. 1982 (6 pages) |
| Report on IP survey of PL 591 Lattins Bog area Co Kildare (2 pages) |
| Report on IP survey of PLs 564 + 591 Boston Hill + Lattins Bog area, Co Kildare dated 29/3/66 (6 pages). |
| Report on IP survey of PLs 564 + 591 Lattins Bog area Co Kildare (3 pages) |
| Report on Kildare, Boston Rathangan, Rathdowney areas on PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, for the year ending 1985, (6 pages). |
| Report on PL 1281 Co Kildare dated 26/2/70 (1 page) |
| Report on PL 3330 Clane, Co. Kildare for the year ending 1994, (4 pages). |
| Report on PL 3792 Co. Kildare, (1 page). |
| Report on PL 3793 Co. Kildare, (1 page). |
| Report on PL 3794 Co. Kildare, (1 page) |
| Report on PL 478 Counties Kildare + Dublin with reference to I.P Survey (6 pages). |
| Report on PL 600 Co. Kildare for the period ending 12 June 1983 (10 pages) |
| Report on PL 600 Co. Kildare for the year ended 13 June 1971 (4 pages) |
| Report on PL 600 Co. Kildare for the year ending 12 June 1979 (7 pages) |
| Report on PL 600 Co. Kildare for the year ending 12 June 1982 (6 pages) |
| Report on PL 600 Co. Kildare for the year ending 12 June, 1977 (8 pages) |
| Report on PL 600 Co. Kildare for the year ending June 12, 1976 (9 pages) |
| Report on PL 600 Co. kildare for year ending 12th of June 1980 (7 pages) |
| Report on PL 600 Co. Kildare for year ending June 12, 1975 |
| Report on PL 723 Co Kildare for work done in the year 1/1/69 to 31/12/69 (2 pages) |
| Report on PL 725 Kildare area, Co Kildare dated March 1968 (4 pages) |
| Report on PL 863 Co. Kildare, (5 pages). |
| Report on PL 863 Rathangan, Co. Kildare for the year ending 29th March 1971, (4 pages). |
| Report on PL 894 Monasterevin area, Co Kildare (3 pages) |
| Report on PL 894 Monasterevin Co Kildare dated April 1970 (3 pages) |
| Report on PL 894 Monasterevin Co Kildare for the period 18/4/67 to 15/3/68 (5 pages) |
| Report on PL's 1155 to 1158 - Athy, Kildare April 1973 (4 pages). |
| Report on PL's 1624, 1625, 1626 Co. Offaly, 863, 1629, 1630, 1631, 1632 Co. Kildare, 1639, 1640 Co. Laois, (8 pages). |
| Report on PL's 3433 and 3434 Co. Kildare for the two year period ending December 8 1992 (4 pages). |
| Report on PL's 600, 863, 1629 - 1632 Co. Kildare and PL's 1624 - 1626 Co. Offaly and PLs 1639, 1640 Co. Laois, (6 pages). |
| Report on PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 and 1640, Co's Offaly, Laois and Kildare, (5 pages). |
| Report on PLs 1926-1928 Cos Carlow + Kildare for the two year period ending 3/1/77(5 pages) |
| Report on PLs 1926-1929 Cos Carlow + Kildare for the 19 month period ending 4/7/74 (4 pages) |
| Report on PLs 1926-1929 Cos Carlow + Kildare for the 2 year period ending 4/1/75 (5 pages) |
| Report on PLs 894 + 1557 Kildare + Monasterevin areas, Co Kildare (3 pages) |
| Report on PLs 894 + 1557 Kildare + Monasterevin areas, Co Kildare dated March 1973 (4 pages) |
| Report on PLs 894 + 1557 Monasterevin + Kildare areas, Co Kildare dated April 1971 (1 page) |
| Report on PLs 894 + 1557 Monasterevin + Kildare areas, Co Kildare dated March 1972 (5 pages) |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Report on prospecting licence 600 in Co. Kildare for year ending 12th June, 1981 (5 pages) |
| Report on Rathangan - BC Co. Kildare PL 863, (6 pages). |
| Report on reconnaissance IP + Resistivity survey at Clane, Co. Kildare. From Oct. 1984 - Jan. 1985 (21 pages) |
| Report on regional gravity surveys in Co's Kildare and Laois on PL's 1629, 1630, 1631, 1632, 1639 + 1640, (17 pages). |
| Report on the kildare east licence block(PL 600, 863, 1629,1630,1631,1632) county Kildare, incl. geochem and geophysics reviews |
| Report on the stratigraphic reconnaissance of the Athy/Stradbally area on PLs 1155, 1156 and 1158 Kildare December 1974 (5 pages). |
| Report on the tectonic structure and mineralisation of the Kildare area - 6" Westmeath 24 - dated March 1972 (2 pages). |
| Report on time domain electromagnetic surveys at Roselawn, Co. Kildare for PL 3330, (3 pages) |
| Report on time domain electromagnetic surveys at Turnings Upper, Co. Kildare for PL: 3332 (3 pages) |
| Report on V.L.F - R survey of PL 1211 Clane area, Co. Kildare - dated 28/2/86. |
| Report on work carried out on PL 1604 Harberton bridge area, Co. Kildare during 1991, (3 pages). |
| Report on work carried out on PL 1607 Harberton bridge area, Co. Kildare during 1991, (8 pages). |
| Report on work completed on PL 723 Co Kildare for the year 1/1/68 to 31/12/68 (2 pages) Includes prospecting programme for 1969 |
| Report on work completed PL's 2514 + 3684, Co. Kildare accompanying surrender of Licences 1/10/97, (18 pages). |
| Report on work for the year ended March 29th, 1969 + Programme of work for the year ending 29th 1970 on PL 863, Rathangan area, Co. Kildare, (2 pages). |
| Report to Aquitaine Mining Ltd on Kildare R.C.D holes 1 - 30 dated April 1982 (13 pages) |
| Report to government on PL 863 Rathangan area, Co. Kildare for year ending 31st March 1975, (9 pages). |
| Report to government on PL 863 Rathangan, Co. Kildare for the year ending July 3rd 1974, (4 pages). |
| Residual Gravity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13,(Scale 1:2,500) |
| Residual Gravity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13,(Scale 1:2,500) |
| Residual Gravity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13,(Scale 1:2,500) |
| Resistivity contour map of PL 894 6" Kildare 21 (440 'a') Plate 4 |
| Resistivity contour map of PL 894 6" Kildare 21 (880 'a') Plate 5 |
| Resistivity contour map of PLs 894 + 1557 6" Kildare 21 (440 'a') Plate 8 |
| Resistivity contour map of PLs 894 + 1557 6" Kildare 21 (880 'a') Plate 9 |
| Resistivity contour map of PLs 894 + 1557 6" Kildare 27 (440 'a') Plate 12 |
| Resistivity contour map of PLs 894 + 1557 6" Kildare 27 (880 'a') Plate 13 |
| Resistivity contour map on PL 1608 Co. Kildare, Scale 1 : 10,560ft. |
| Resistivity contour map, Reconnaissance Pole - Dipole survey, Allenwood Co. Kildare PL 1629, Scale 1 : 2500, Plate A-10. |
| Resistivity contour plan drill-hole IP survey Balraheen area Co. Kildare (Scale 1:5000). Fig. 2 |
| Resistivity contour plan Kiltaghan, Co.Kildare on PL 863, Scale 1:2500, Fig. 2. |
| Resistivity contour plan of PL 894 6" Kildare 21 + 26 (440 'a') |
| Resistivity contour plan of PL 894 6" Kildare 21 + 26 (880 'a') |
| Resistivity contour plan of PLs 894 + 1557 6" Kildare 19 (880 'a') |
| Resistivity contour plan of PLs 894 + 1557 6" Kildare 22 (440 'a') |
| Resistivity contour plan of PLs 894 + 1557 6" Kildare 22 (880 'a') |
| Resistivity contour plan of PLs 894 + 1557 6" Kildare 27 (440 'a') |
| Resistivity grid Milltown PL 3547 N=2 (Scale 6" : 1 mile) Kildare 23. |
| Resistivity map - Gradient array - on PL 1632, O.S. Sheet Kildare 16 + 21, Scale 1:2500. |
| Resistivity map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 11 + 15, Scale 1:2500. |
| Resistivity map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 14, 23 - 2, Scale 1:2500. |
| Resistivity map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 6, Scale 1:2500. |
| Resistivity map : Gradient Array, PL 863, Kiltaghan area, O.S. Sheet Kildare 16 + 21, Scale 1:2500. |
| Resistivity map on PL 1608 Caragh, Co. Kildare. |
| Resistivity map on PL 890, Scale 1":1 mile (Kildare - Offaly 110 + 119) |
| Resistivity map Rathangan BC area on PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1"; 1 mile, map 5. |
| Resistivity soundings on PL 1243, Kildare area, Moate - 6" Westmeath 24, Fig. 9 |
| Results of V.L.F - R survey of PL 1211 6" Kildare 14 and 15. |
| Reverse circulation log sheet for Drillhole HB100, PL 1607, Co. Kildare, (3 pages). |
| Reverse circulation log sheet for Drillhole HB101, PL 1607, Co. Kildare, (3 pages). |
| Reverse circulation log sheet for Drillhole HB111, PL 1604, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole HB114, PL 1607, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole HB118, PL 1607, Co. Kildare, (2 pages). |
| Reverse circulation log sheet for Drillhole RHB68, PL 1607, Co. Kildare, (2 pages). |
| Reverse circulation log sheet for Drillhole RHB69, PL 1607, Co. Kildare, (2 pages). |
| Reverse circulation log sheet for Drillhole RHB70, PL 1607, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole RHB71, PL 1607, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole RHB72, PL 1607, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole RHB75, PL 1607, Co. Kildare, (3 pages). |
| Reverse circulation log sheet for Drillhole RHB82, PL 1607, Co. Kildare, (1 page). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Review Report for PL 1608, County Kildare, Reporting Period 1996-1998 (6 Pages) |
| Revised geology on PLs 1602, 1605, 1606, 1609, 1610 (Scale 1:25,000) Clane Co. Kildare |
| Revised geology on PLs 1602, 1605, 1609, 1610, Scale 1:25,000 Clane, Co. Kildare incorporating results of the Hilltwister light - drilling programme |
| Rickardstown prospect map S.E Kildare, PL 1632, Scale 1:5000, Fig. 7. |
| Rickardstown prospect.Contour Plan of Apparent Resistivity : Second separation, PL 1632 Allenwood, Co. Kildare, Scale 1:2500, Fig. 2. |
| Rickardstown prospect.Contour Plan of Chargeability : Second separation, PL 1632 Allenwood, Co. Kildare, Scale 1:2500, Fig. 1. |
| Rock geochemistry on PL 1603 - 6" Kildare 6 (Cu, Pb, Zn) |
| Rose Plots of Joint orientation on PL 3549, Co. Kildare, Scale 1: 100,000, Fig. 3 |
| S.P survey map (corrected values) on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| S.P survey map (corrected values) on PL 1632, O.S. Sheet Kildare 23, Scale 1:10,560. |
| S.P survey map (corrected values) on PL 1632, O.S. Sheet Kildare 23, Scale 1:10,560. |
| S.P survey on PL 1633 - 6" Kildare 27 (Lines 3600S to 9000S). |
| S.P survey on PL 2593 - 6" Kildare 22 (Lines 0 to 3300S). |
| S.P survey on PL 2823 - 6" Kildare 23 (Lines 2100S to 5400S). |
| S.P survey on PL's 1633 and 2822 - 6" Kildare 28 (Lines 9300S to 11700S). |
| S.P survey on PL's 2823 and 2824 - 6" Kildare 24 (Lines 3900S to 5400S). |
| Shallow soil sampling map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 3 |
| Shallow soil sampling PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Sheet 16 - Bedrock Geology of Kildare - Wicklow |
| Simplified geological map of the Kildare Licence Block, PL 3610, Aug. 1989. |
| Simplified geology map of Offaly, Kildare, Laois on PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639, 1640 (Scale 1.5cm : 2miles) |
| Soakaways at Kildare Convent (75449) |
| Soakaways at Kildare Convent (75450) |
| Soakaways at Kildare Convent |
| Soil + peat sampling on PLs 564, 590 + 591 Boston Hill area Co Kildare (1:10,560) (Cu) |
| Soil + peat sampling on PLs 564, 590 + 591 Boston Hill area Co Kildare (1:10,560) (Pb) |
| Soil + peat sampling on PLs 564, 590 + 591 Boston Hill area Co Kildare (1:10,560) (Zn) |
| Soil geochemistry on PL 1603 - 6" Kildare 11 (Cu, Pb, Zn - contoured for Cu) |
| Soil geochemistry on PL 1603 - 6" Kildare 11 (Cu, Pb, Zn - contoured for Pb) |
| Soil geochemistry on PL 1603 - 6" Kildare 11 (Cu, Pb, Zn - contoured for Zn) |
| Soil geochemistry on PL 1603 - 6" Kildare 6 (Cu, Pb, Zn - contoured for Cu) |
| Soil geochemistry on PL 1603 - 6" Kildare 6 (Cu, Pb, Zn - contoured for Pb) |
| Soil geochemistry on PL 1603 - 6" Kildare 6 (Cu, Pb, Zn - contoured for Zn) |
| Soil sample grid 34-1 on PL 1155 6" Kildare 34 (Zn, Pb). |
| Soil sample grid 35-1 on PL 1155 6" Kildare 35 (Zn, Pb). |
| Soil sample grid 35-2 on PL 1156 6" Kildare 35 (Zn, Pb). |
| Soil sample grid 39-1 on PL 1157 6" Kildare 39 (Zn, Pb). |
| Soil sampling on PL 1602, 6" Kildare 5 (Cu). |
| Soil sampling on PL 1602, 6" Kildare 5 (Pb). |
| Soil sampling on PL 1602, 6" Kildare 5 (Zn). |
| Soil sampling on PL 1608, 6" Kildare 18 (Cu) . |
| Soil sampling on PL 1608, 6" Kildare 18 (Pb). |
| Soil sampling on PL 1608, 6" Kildare 18 (Zn) |
| Soil sampling on PL 1633 - 6" Kildare 22 (Cu). |
| Soil sampling on PL 1633 - 6" Kildare 22 (Pb). |
| Soil sampling on PL 1633 - 6" Kildare 22 (Zn). |
| Soil sampling on PL 1633 - 6" Kildare 23 (Cu). |
| Soil sampling on PL 1633 - 6" Kildare 23 (Pb). |
| Soil sampling on PL 1633 - 6" Kildare 23 (Zn). |
| Soil sampling on PL 1634 - 25" Kildare 26/8 (Cu). |
| Soil sampling on PL 1634 - 25" Kildare 26/8 (Pb). |
| Soil sampling on PL 1634 - 25" Kildare 26/8 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 21 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 21 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 21 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Pb). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Soil sampling on PL 1634 - 6" Kildare 26 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 30 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 30 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 30 (Zn). |
| Soil sampling on PL 1637 - 6" Kildare 37 (Cu). |
| Soil sampling on PL 1637 - 6" Kildare 37 (Pb). |
| Soil sampling on PL 1637 - 6" Kildare 37 (Zn). |
| Soil sampling on PL 1637 - 6" Kildare 38 (Cu). |
| Soil sampling on PL 1637 - 6" Kildare 38 (Pb). |
| Soil sampling on PL 1637 - 6" Kildare 38 (Zn). |
| Soil sampling on PL 486 - 6" Kildare 31 (Cu, Pb, Zn). |
| Soil sampling on PL 486 - 6" Kildare 32 (Cu, Pb, Zn). |
| Soil sampling on PL 488 - 6" Kildare 36 (Cu, Pb, Zn). |
| Soil sampling on PL's 1633 and 1635 - 6" Kildare 28 (Cu). |
| Soil sampling on PL's 1633 and 1635 - 6" Kildare 28 (Pb). |
| Soil sampling on PL's 1633 and 1635 - 6" Kildare 28 (Zn). |
| Soil sampling on PL's 1633, 1634 and 1635 - 6" Kildare 27 (Cu). |
| Soil sampling on PL's 1633, 1634 and 1635 - 6" Kildare 27 (Pb). |
| Soil sampling on PL's 1633, 1634 and 1635 - 6" Kildare 27 (Zn). |
| Soil sampling on PL's 1634 to 1636 - 6" Kildare 31 (Cu). |
| Soil sampling on PL's 1634 to 1636 - 6" Kildare 31 (Pb). |
| Soil sampling on PL's 1634 to 1636 - 6" Kildare 31 (Zn). |
| Soil sampling on PL's 1635 and 1636 - 6" Kildare 32 (Cu). |
| Soil sampling on PL's 1635 and 1636 - 6" Kildare 32 (Pb). |
| Soil sampling on PL's 1635 and 1636 - 6" Kildare 32 (Zn). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 35 (Cu). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 35 (Pb). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 35 (Zn). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 36 (Cu). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 36 (Pb). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 36 (Zn). |
| Soil sampling on PL's 486 to 488 - 6" Kildare 35 (Cu, Pb, Zn). |
| Soil sampling on PL's 486 to 488 - 6" Kildare 36 (Cu, Pb, Zn). |
| Soil sampling on PL's 487 to 488 - 6" Kildare 37 (Cu, Pb, Zn). |
| Soil sampling on PL's 488 and 1157 - 6" Kildare 39 (Cu, Pb, Zn). |
| Soil sampling on PLs 1605, 1606, 1608, 1610, 6" Kildare 14 (Zn). |
| Soil sampling on PLs 1605, 1606, 1609 1610, 6" Kildare 14 (Pb). |
| Soil sampling on PLs 1605, 1606, 1609, 1610, 6" Kildare 14 (Cu). |
| Solid geological map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 1 |
| Solid geological map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 2 |
| Some Palaeomagnetic Results from the Ordovician Andesites of Co.Dublin and Co.Kildare, Ireland. |
| St. Marys College, Naas, Co. Kildare (78502) |
| St. Marys College, Naas, Co. Kildare (78503) |
| St. Marys College, Naas, Co. Kildare (78504) |
| St. Marys College, Naas, Co. Kildare (78505) |
| St. Marys College, Naas, Co. Kildare (98607) |
| St. Marys College, Naas, Co. Kildare (98608) |
| St. Marys College, Naas, Co. Kildare (98609) |
| St. Marys College, Naas, Co. Kildare (98610) |
| St. Marys College, Naas, Co. Kildare (98611) |
| St. Marys College, Naas, Co. Kildare (98612) |
| St. Marys College, Naas, Co. Kildare |
| Staplestown compilation including location of drillhole 1631/1, map for PL 1631, O.S. Sheet Kildare 9, Scale 1.5cm : 500. |
| Staplestown compilation map for PL 1631 Co. Kildare, Scale 1.5cm : 100ft. |
| Stratigraphic Correlation (diagramatic) Block 'E', PL's 1600 - 1610, Co. Kildare, Scale 1cm = 200ft, DWG No. 4. |
| Stratigraphic succession, Harberton, Co. Kildare, Scale 1: 2500. |
| Stratigraphic log of DDH BDK-10 on PL 1243, Kildare area (Final Depth 167') (1 page) |
| Stratigraphic log of DDH BDK-11 on PL 1244, Kildare area (Final Depth 216') (2 pages) |
| Stratigraphic log of DDH BDK-12 on PL 1244, Kildare area (Final Depth 147') (1 page) |
| Stratigraphic log of DDH BDK-13 on PL 1243, Kildare area (Final Depth 144') (1 page) |
| Stratigraphic log of DDH BDK-14 on PL 1243, Kildare area (Final Depth 85') (1 page) |
| Stratigraphic log of DDH BDK-15 on PL 1243, Kildare area (Final Depth 165') (1 page) |
| Stratigraphic log of DDH BDK-16 on PL 1243, Kildare area (Final Depth 134') (1 page) |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Stratigraphic succession Harberton, Co. Kildare, Scale 1": 250'. |
| Stream sediment analysis on PL 1157 - 6" Kildare 37, 39 Greene River upper Mageny (Cu, Pb, Zn). |
| Stream sediment reconnaissance survey of PL 590 - 6" Kildare 17 (Cu, Pb, Zn) |
| Stream sediment reconnaissance survey of PL 590 - 6" Kildare 22 (Cu, Pb, Zn) |
| Stream sediment reconnaissance survey of PLs 590 + 591 - 6" Kildare 18 (Cu, Pb, Zn) |
| Stream sediment reconnaissance survey of PLs 590 + 591 - 6" Kildare 23 (Cu, Pb, Zn) |
| Stream survey of PLs 1926-1929 1" OS sheets 127-128 + 136-137 Cos Carlow + Kildare (Cu, Pb, Zn, Mo, As, Ni.) |
| Stream survey of PLs 1926-1929 1" OS sheets 129, 130, 138 + 139 Cos Carlow + Kildare (Cu, Pb, Zn, Mo, As, Ni.) |
| Structural Geology Map of Pls 863, 890, 600. Scale 1":1 mile.(Kildare -Offaly 119 + 110) |
| Summary Drill hole No: 863/SH1, PL 863 Rathangan, Co. Kildare, Total length 76', Scale 1": 50', (2 pages). |
| Summary Drill hole No: 863/SH2, PL 863 Rathangan, Co. Kildare, Total length 54', Scale 1": 50', (1 page). |
| Summary Drill hole No: 863/SH3, PL 863 Rathangan, Co. Kildare, Total length 70', Scale 1": 50', (1 page). |
| Summary Drill hole No: 863/SH4, PL 863 Rathangan, Co. Kildare, Total length 147', Scale 1": 50', (1 page). |
| Summary Drill hole No: 863/SH5, PL 863 Newtown, Rathangan, Co. Kildare, Total length 42', Scale 1": 50', (3 pages). |
| Summary drill log 1624-2, PL 1624 Kildare West block, Clonyquin Td., Co. Offaly, Length 1207', Scale 1" = 200ft, (1 page). |
| Summary drill log 1624-3, PL 1624 Kildare West block, Clonygowan, Co. Offaly, Length 1056', Scale 1" = 200ft, (1 page). |
| Summary drill log 1629-72, PL 1624 Kildare West block, Lullymore East, Co. Kildare, Length 1242', Scale 1" = 200ft, (1 page). |
| Summary drill log 1630-10, PL 1630 Kildare West block, Kilkea, Co. Kildare, Length 860', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1629/68 on PL 1629 Allenwood, Co. Kildare, Length 181', Scale 1" = 50ft, (1 page). |
| Summary drillhole log No: 1629/69 on PL 1629 Allenwood, Co. Kildare, Length 181', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1629/70 on PL 1629 Allenwood, Co. Kildare, Length 203', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1629/71 on PL 1629 Derrymullen, Co. Kildare, Length 249', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1630/10 on PL 1629 Derrymullen, Co. Kildare, Length 860', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1631/1 on PL 1631 Kilmurry, Co. Kildare, Length 130', Scale 1" = 50ft, (1 page). |
| Summary drillhole log No: 863/27 on PL 863 Mullatine, Co. Kildare, Length 65', Scale 1" = 50ft, (1 page). |
| Summary drillhole log No: 863/28 on PL 863 Mullatine, Co. Kildare, Length 75', Scale 1" = 50ft, (1 page). |
| Summary drillhole log No: 863/29 on PL 863 Mullatine, Co. Kildare, Length 62', Scale 1" = 50ft, (1 page). |
| Summary Drillhole Log, Drillhole No. 2516/1, PL 2516, Balkinstown, Co. Kildare. |
| Summary Drillhole Log, Drillhole No. 3610/1, PL 3610, Tully West, Co. Kildare. |
| Summary log for Drillhole No: 1604/4, Harberton Bridge, Ballynafagh, Co. Kildare, Total depth 163m, Scale 1: 1250, with location map, (1 page). |
| Summary log for Drillhole No: 1604/5, Harberton Bridge, Downings South, Co. Kildare, Total depth 370m, Scale 1: 1250, with location map, (1 page). |
| Summary log for Drillhole No: 1607/1, Harberton Bridge, Mylerstown, Co. Kildare, Total depth 160m, Scale 1: 1250, with location map, (1 page). |
| Summary log of Drillhole No: 863/16, PL 863 Clonmoyle Td., Rathangan, Co. Kildare, Length 394', Scale 1" = 50', (1 page). |
| Summary log of Drillhole No: 863/17, PL 863 Newtown Td., Rathangan, Co. Kildare, Length 244', Scale 1" = 50', (1 page, 2 copies). |
| Summary of important features of Drillhole BS -1 Derrinturn Co. Kildare on PL 3549, (1 page) |
| Summary of Previous Exploration Data and Results of Deep Overburden Drilling Programme on PLs 1602, 1605, 1606, 1609, 1610 - Clare, Kildare dated Aug. 1982 (21 pages) |
| Summary of work completed on PL 863 Co. Kildare since date of issue up to March 1979, (1 page). |
| Summary renewal report for PL's 1604 + 1607, Co. Kildare for the period 1st January 1989 to 31st 1989, (1 page). |
| Summary Report on PL 3792, 3793, 3794 Co. Kildare, (2 pages). |
| Summary Surrender Report on PL 3792, 3793, 3794 Co. Kildare, (2 pages). |
| Sunday's Well, a possible source of water supply for Nass, Co. Kildare. |
| Supplementary Work Report for PL's 1317 and 1318, Kilcock, Co. Kildare, February 1993 (3 pages). |
| Surrender report - surrender report on PL 2062, Co.'s Kildare + Offaly, dated Feb 2000 (1 page) |
| Surrender Report for PL 1317, County Kildare, Dated Jan. 2001 |
| Surrender Report for PL 1318, Co. Kildare, Dated Jan 2001 (6 Pages) |
| Surrender Report For PL 1608, Coutny Kildare, Reporting Period 1998-2000 (6 Pages) |
| Surrender Report for PL 1641 Monasterevin, Co. Kildare, Sept. 1997, (4 pages). |
| Surrender Report for PL 2824, County Kildare, Reporting Period 1998-2000 |
| Surrender report for PL 3427 Co. Kildare, September 1997, (4 pages). |
| Surrender report for PL 3610 Monasterevin, Co. Kildare, (4 pages). |
| Surrender report for PL 3649, Co. Kildare, (4 pages). |
| Surrender report on PL 1289, Co. Kildare dated March 2nd. 1970, (3 pages) |
| Surrender report on PL 1290, Cos. Kildare, Dublin dated April 10th 1970 (1 page) |
| Surrender report on PL 2831 + 3247 Cos Laois + Kildare for the 1988-1990 period (4 pages) |
| Surrender report on PL 3329 and 3331, Co. Kildare for the period 1988 - 1990 (2 pages). |
| Surrender report on PL 3329 Co. Kildare for the period 1991 - 1992 (1 page). |
| Surrender report on PL 3547 Co. Kildare dated April 1992 (2 pages). |
| Surrender Report on PL 3792 Co. Kildare, (2 pages). |
| Surrender Report on PL 3793 Co. Kildare, (2 pages). |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|---|
| Surrender Report on PL 3793 Co. Kildare, (2 pages). |
| T.E.M 37 soundings map for PL 1632, Boston - Allenwood area, O.S. Sheets Kildare 18, Scale 1:10,560. |
| Technical report on exploration survey on PL's 486 to 488 - Athy Kildare 26/7/67 (2 pages). |
| Technical report on PL's 1155 to 1158 - Athy Kildare (2 pages). |
| Technical report on PL's 486 to 488 Athy, Kildare 3/8/67 (2 pages). |
| TEM Survey - Roselawn Co. Kildare EM 57 centre loop sounding 200m loop for PL 3330. |
| TEM Survey - Turnings Upper Co. Kildare EM 57 centre loop sounding 200m loop for PL 3332. |
| TEM Survey Prosperous Area, Co. Kildare, (5 pages). |
| The Boston Hill area Co. Kildare (geology results and discussion) (2 pages) |
| The identification of Puddling Clay in the Boderetown Area, Co. Kildare. 5th June, 1981. |
| The Lower Carboniferous Rocks of the Naas District, Co. Kildare. |
| Topographic and Cultural features including Apparent resistivity and I.P. effect, Line Kildare 2, Dipole - Dipole array. |
| Topographic and Cultural features including Apparent resistivity and I.P. effect, Line Kildare 5, Dipole - Dipole array. |
| Topographic and Cultural features including Apparent resistivity and I.P. effect, Line Kildare 5, Dipole - Dipole array. |
| Topographic and Cultural features including Apparent resistivity and I.P. effect, Line Kildare 6, Dipole - Dipole array. |
| Tractor Deep Sampling Cu, Pb, Zn on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Tractor deep sampling Kildare O.S.17,22 November 1981, scale 1:10560 |
| Tractor deep sampling map - Cu, Pb, Zn values, PL 863, Rathangan - BC, O.S. Sheets Kildare 16, 17, 21, 22, Scale 6":1 mile, Fig. 1. |
| Tractor deep sampling map - Cu, Pb, Zn values, PL 863, Rathangan - BC, O.S. Sheets Kildare 17, 22, Scale 6":1 mile, Fig. 2. |
| Tractor deep sampling map area : Rathangan on PL 863, Cu, Pb, Zn values, O.S. Sheets Kildare 16, 17, 21, 22, Scale 6":1mile. |
| V.L.F Apparent Resistivity Compilation map (contours) on PL 863, O.S. Sheets Kildare 12, 17, 22, Scale 6":1mile. |
| V.L.F Frazer filtered map - Boston - Allenwood area on PL 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| V.L.F Frazer filtered map - Boston - Allenwood area on PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| V.L.F Resistivity map - Boston - Allenwood area on PL 1631,O.S. Sheet Kildare 13, Scale 1:10,560. |
| V.L.F Resistivity map - Boston - Allenwood area on PL 1631,O.S. Sheet Kildare 9, Scale 1:10,560. |
| V.L.F Resistivity map Boston - Allenwood area on PL 1629, O.S. Sheet Kildare 13 - 9, Scale 1:10,560. |
| V.L.F survey '85, PL 1604 - Harberton Bridge, Scale 6": 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 11. |
| Vertical Electrical Sounding (Locations) on PL 890, Kildare 12, 16, 17, 21 + 22 Offaly 27, 28 (Scale 3": 1 mile) |
| Vertical electrical soundings (locations) map on PL 863, O.S. Sheets Kildare 12, 16, 17, 21, 22, Scale 1:21,120, Fig. 3 . |
| VLF - EM survey on PL 2592 - 6" Kildare 21. |
| VLF - EM survey on PL 2592 - 6" Kildare 22. |
| VLF - EM survey on PL's 1634 and 2592 - 6" Kildare 26. |
| VLF - EM survey on PL's 1634 and 2592 - 6" Kildare 27. |
| VLF - resistivity and Diamond drill holes on PL 1244, Castletown Kildare areas, Moate - 6" Westmeath 24 and 25. |
| VLF EM survey of PL's 1243 + 1244, Kildare area, Moate - 6" Westmeath 24 + 25, Fig .7 |
| VLF profiles - Line 5 on PL 2518, Athy, Co. Kildare, Fig. 4. |
| VLF profiles - Lines 5, 49 and 50, Area H on PL 2518, Co. Kildare, Fig. 5. |
| VLF R map - Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 11. |
| VLF resistivity survey map on PL 1629, O.S. Sheet Kildare 12 - 12, Scale 1/2500ft. |
| VLF resistivity survey of PL's 1243 + 1244, Kildare area, Moate - 6" Westmeath 24 + 25, Fig. 6 |
| VLF survey data map on PL 2518, Co. Kildare, Fig. 3. |
| VLF Survey, EM16R on PL 2538, 6":1 mile (O.S. Offaly 12, 20 and Kildare 8, 12) |
| VLF-R Survey on PL 1602 - 25" Kildare 10/7, 8 (overburden) |
| VLF-R Survey on PL 1602 - 25" Kildare 10/7, 8 (phase angle + resistivity) |
| VLF-R Survey on PL 1602 - 25" Kildare 10/7, 8 (resistivity) |
| VLF-R Survey on PL 1602, 1605 - 6" Kildare 10 |
| VLF-R Survey on PL 1605 - 25" Kildare 10 (phase angle and resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10 (resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/10 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/10 (phase angle + resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/10 (resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/13 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/13 (resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/14 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/14 (phase angle + resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/14 (resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/5 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/5 (phase angle + resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/9 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/9 (phase angle + resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/9 (resistivity) |
| Water sources for Athy, county Kildare: possible contamination by a pollution incident in the river barrow |
| Work compilation on PLs 1600, 1602, 1604, 1605, 1606, 1609, 1610 - 1" Kildare |

Appendix 1 - Files relating to County Kildare on the GSI Document Management System

| |
|--|
| Work report for PL's 1317 and 1318 of Kilcock block, Co. Kildare, October 1993 (4 pages). |
| Work report on PL 1316 Co. Kildare for the 1987 - 89 period (1 page) |
| Work report on PL 2518 Co. Kildare for the year ending 14/1/1994, (5 pages). |
| Work report on PL 3427 Co. Kildare Dec 1993, (5 pages). |
| Work report on PL 3549 Co. Kildare, (5 pages) |
| Work report on PL's 1155 to 1158 - Athy, Kildare 20/6/74 (2 pages). |
| Work report on PL's 1608 Co. Kildare, (8 pages). |
| Work report on PL's 1608, 2061, 2822 - 24 Kildare 1/2/80 to 31/1/82 (19 pages) location plan). |
| Work report on PL's 1624 - 1656 Co's Kildare, Laois and Offaly, (5 pages). |
| Work report on PL's 1633, 1634, 1635, 1636, 1637 and 1641 Kildare, Laois 28/3/77(5 pages) |
| Work report on PL's 1633, 1634, 1641, 2219, 2592, 2593 - Kildare, Laois - April 1980 to March 1981 (6 pages). |
| Work report on PL's 1633, 1634, 1641, 2219, 2592, 2593 Kildare Laois April 1981 to March 1982 (13 pages). |
| Work report on PL's 1634 - 1637, 1641 - Kildare 28/9/73 (4 pages). |
| Work report on PL's 3330 and 3332 Clane Co. Kildare year ending January 1993, (4 pages) |
| Work report on PL's 3374, 2062 2538, 1628, 3648. Cos. Offaly + Kildare, (5 pages). |
| Work report on PLs 1155 to 1158 - Athy, Kildare 14/7/75 (3 pages). |
| Work report on PLs 1316, 1317, 1318 Kilcock, Co. Kildare (5 pages) |
| Work Report on PLs 1316, 1317, 1318, Kilcock, Co. Kildare Oct. 1991) 7 pages) |
| Work report on PLs 1600, 1601, 1602, 1603, 1605, 1606, 1608, 1609, 1610 - Meath, Kildare, Dublin for the year ending 21/12/1978 (22 pages) |
| Work report on PLs 1600, 1601, 1602, 1603, 1605, 1606, 1608, 1609, 1610 - Meath, Kildare, Dublin for the year ending 31/12/1979 (22 pages) |
| Work report on PLs 1600, 1601, 1602, 1603, 1605, 1606, 1608, 1609, 1610, Meath, Kildare, Dublin two years ending 31/ 12/ 75. (34 pages). |
| Work report on PLs 1600, 1601, 1602, 1603, 1605, 1606,1608,1609,1610, Meath, Kildare, Dublin dated 25/9/73 (8 pages) |
| Work report on PLs 1600, 1601, 1603, 1605, 1606, 1608, 1609, 1610. - Meath, Kildare, Dublin year ending 31/12/77 (27 pages) |
| Work report on PLs 1633, 1634, 1641, 2219, 2592 and 2593 Kildare, Laois 1/4/82 to 15/9/82 (14 pages) |
| Work report on PLs 2822 - 2824, 1608 and 2061 Kildare 1/2/82 to 15/9/82 (5 pages) |
| Work report on PLs 3330 and 3332 Clane Co. Kildare year ending February 1992, (8 pages) |
| Work Report on Prospecting Licence 1316 Co. Kildare November 1992 (3 pages). |
| Work report on prospecting licence 1317 and 1318 Co. Kildare (4 pages). |
| Work Summary map of PL 3427 Monasterevin, Co. Kildare, Scale 5cm : 3kms. |
| Work summary map PL 3610 Monasterevin, Co. Kildare, Scale 1 : 63,650, Fig. 3. |
| Work summary map PL 3649 Monasterevin, Co. Kildare, Scale 1 : 63,650, Fig. 3. |
| Work summary map, Kildare Block, PL's 2514 + 3684, Scale 1:75,000, Fig. 3. |
| Zinc contours on PL 1610, 6" Kildare 6, 15 (includes DDHs 1-11 locations) |
| Zinc soil Geochemistry map, PL 3427 Monasterevin, Co. Kildare, Scale 1cm : 1km, Fig. 6. |
| Zn Cobra/ Bedrock map for PL 1632, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| Zn, Pb Contours and stats on PLs 1606, 1609 - 25" Kildare 14/8, 12 |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| 1994/95 work report Clane Co. Kildare, PL 3330 for the year ending 1995, (5 pages). |
| 3rd Order Residual Gravity map - 100m Grid Harberton Bridge, PL 1604, Scale 6": 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 6. |
| 3rd Order Residual Gravity map - 100m Grid Harberton Bridge, PL 1607, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 14. |
| 4th Order Residual Gravity map - 100m Grid Harberton Bridge, PL 1604, Scale 6": 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 7. |
| 4th Order Residual Gravity map - 100m Grid Harberton Bridge, PL 1607, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 15. |
| 500' Grid shallow Sampling - Cu on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 4. |
| 500' Grid shallow Sampling - Pb on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 3. |
| 500' Grid shallow Sampling - Zn on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 2. |
| A report on the structure on PLs 1602, 1605, 1606, 1609, 1610 - Clane Block, Kildare + Dublin dated 27/1/83 (37 pages) |
| Aeromagnetic map PL's 2514 + 3684, Co. Kildare. |
| Air photo compilation map of PL 3427 Monasterevin, Co. Kildare, Scale 1 : 50, 000, Fig. 3. |
| Air photo interpretation of PL 3649 Co. Kildare, Scale 1 : 25,000, Fig. 5. |
| Air photo lineament of Kilcock area Co. Kildare for PL's 1316, 1317 and 1318 (Scale 1: 100,000) |
| Allenwood compilation map for PL's 863, 1629, 1630 + 1631, O.S. Sheets Kildare 12, 13, Scale 1.5cm:1000. |
| Allenwood South compilation map for PL 1629 Co. Kildare, Scale 1.2cm : 100ft. |
| Allenwood tractor sampling map for PL 1629 Co. Kildare, O.S. Sheets Kildare 13 - 5, 9, Scale 2.5cm : 200'. |
| Allenwood West compilation map on PL 1629, O.S. Sheet Kildare 13 - 9. |
| Analytical Results Drill Coreholes, 3610/1 + 2516/1, PL 3610 + 2516, Cu, Pb, Zn, Ag, Fe, Mn, Mg, O.S. Sheets Kildare 22, (4 pages). |
| Annual Exploration Report PL 1604 + 1607 Co. Kildare for the year ending 1981, (24 pages). |
| Annual report for PL 863 Rathangan, Co. Kildare, (11 pages). |
| Annual report for PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640 Co's Offaly, Kildare, Laois for the year ending 1990, (13 pages). |
| Annual report for PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 and 1640 Co's Offaly, Laois and Kildare for the year ending 1991, (22 pages). |
| Annual report on PL 600 Co. Kildare for the year ending 12 June 1978 (10 pages) |
| Annual report on PL 863 Co. Kildare for the year ending 29th March 1982, (5 pages). |
| Annual report on PL 863 in Co. Kildare for the year ending 29th March 1977, (9 pages). |
| Annual report on PL 863 in Co. Kildare for the year ending March 29th 1983, (3 pages). |
| Annual report on PL 863 in Co. Kildare for year ending 29th March 1978, (5 pages). |
| Annual report on PL 863 in Co. Kildare for year ending 29th March 1979, (8 pages). |
| Annual report on PL 863 in Co. Kildare for year ending 29th March 1981, (4 pages). |
| Annual report on PL 863 in Co.Kildare for year ending 29th March 1980, (5 pages). |
| Annual report on PL 894 Monasterevin Co Kildare for the period 15/3/68 to 15/3/69 (2 pages) |
| Annual report on PL's 1608, 1633, 1634, 1641, 2061, 2219, 2592, 2593, 2822, 2823 and 2824 Kildare, Laois April 1985 (5 pages). |
| Annual report on PL's 1608, 1633, 1634, 1641, 2061, 2219, 2592, 2593, 2822, 2823 and 2824 Kildare, Laois March 1984 (7 pages). |
| Annual report on Rathangan - BC, Co. Kildare on PL 863, (3 pages). |
| Anomaly Checks - Copper ppm, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (5 pages). |
| Anomaly Checks - Copper ppm, PL's 1629, 1630 + 1631, Kildare Sheet 12, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Copper ppm, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (4 pages). |
| Anomaly Checks - Copper ppm, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Copper ppm, PL's 1630 + 1631, Kildare Sheet 9, Scale 6" : 1 mile, (1 page). |
| Anomaly Checks - Copper ppm/10, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - lead ppm/10, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Lead ppm/10, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (4 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1629, 1630 + 1631, Kildare Sheet 12, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (4 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Lead ppm/10, PL's 1630 + 1631, Kildare Sheet 9, Scale 6" : 1 mile, (1 page). |
| Anomaly Checks - Zinc ppm/10, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (3 pages). |
| Anomaly Checks - Zinc ppm/10, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (3 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1629, 1630 + 1631, Kildare Sheet 12, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (4 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (2 pages). |
| Anomaly Checks - Zinc ppm/10, PL's 1630 + 1631, Kildare Sheet 9, Scale 6" : 1 mile, (1 page). |
| Anomaly checks Copper ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 26/8 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 27 (Scale 6" : 1 mile) |

| |
|--|
| Anomaly checks Copper ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 32 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 36 (Scale 6" : 1 mile) |
| Anomaly checks Copper ppm Kildare sheet 37 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 26/8 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 32 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 36 (Scale 6" : 1 mile) |
| Anomaly checks Lead ppm Kildare sheet 37 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 26/8 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 27 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 32 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 35 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 36 (Scale 6" : 1 mile) |
| Anomaly checks Zinc ppm Kildare sheet 37 (Scale 6" : 1 mile) |
| Apparent Chargeability on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13 (Roselawn)(Scale 1:2,500) |
| Apparent Resistivity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13 (Roselawn)(Scale 1:2,500) |
| Apparent Resistivity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13(Scale 1:2,500) |
| Apparent Specific Capacity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13 (Roselawn)(Scale 1:2,500) |
| Appendix 1 Report on Induced Polarisation and Resistivity surveys at Derrinturn Co. Kildare PL 3549, (1 page). |
| Appendix I Micropaeontology report on samples KD3/73 - 129b, KD8/67 - 133 Freagh, PL 3549, Co. Kildare, (6 pages). |
| Appendix I, Map Showing Location of DDH's N-1318-1, 2, 3 + 4 from 6" Kildare 10 (Scale 1:10,560) (2 Pages) |
| Appendix II : Petrochemical log of drillhole RND1, Co. Kildare, PL 3330, (7 pages). |
| Appendix II Report on Mise A La Masse and I.P. survey at DDH RND - 1 Roselawn Co. Kildare, PL 3330, (3 pages). |
| Application for Renewal Report for PL's 1600 -1610, Co's Meath, Kildare and Dublin for the period 1975 - 1976, (49 pages). |
| Areas covered by Geophysics on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 5 |
| Areas covered by geophysics PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 + 28. |
| Argillaceous bioclastic calcarenite chart - Kildare MVT's on PL 1629 + 1632. |
| Assay results - Core samples, Drillhole No. 863/SH2, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Core samples, Drillhole No. 863/SH4, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Rock Chips - Drill hole 863/15, Cu, Pb, Zn in ppm, PL 863, BC - Rathangan area, Co. Kildare, (1 page). |
| Assay results - Sludge - Drill hole 863/15, Cu, Pb, Zn in ppm, PL 863, BC - Rathangan area, Co. Kildare, (1 page). |
| Assay results - Sludge samples - Drillhole No: 863/16, PL 863 Clonmoyle Td., Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Assay results - Sludge samples - Drillhole No: 863/17, PL 863 Newtown Td., Rathangan, Co. Kildare, Cu, Pb, Zn, (2 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH1, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH2, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH3, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (2 pages). |
| Assay results - Sludge samples, Drillhole No. 863/SH4, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, Ba, (1 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH4, SH3, SH1, 890/SH1, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, Ba, (1 page). |
| Assay results - Sludge samples, Drillhole No. 863/SH5, PL 863 Rathangan, Co. Kildare, Cu, Pb, Zn, (1 page). |
| Assay results for Drillhole HB100, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB101, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB102, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole HB103, PL 1607, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB105, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB106, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB107, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole HB110, PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole HB112, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole HB115, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB117, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB123, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB124, PL 1607, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB128, PL 1607, Ballyteige, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB133, PL 1607, Ballyteige, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB68, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB72, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB73, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB74, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB75, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB79, PL 1607, Co. Kildare, (5 pages). |
| Assay results for Drillhole HB80, PL 1607, Co. Kildare, (5 pages). |
| Assay results for Drillhole HB81, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB82, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB85, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole HB90, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB91, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB92, PL 1607, Co. Kildare, (5 pages). |
| Assay results for Drillhole HB93, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB94, PL 1607, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB95, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB96, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB97, PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole HB98, PL 1607, Co. Kildare, (4 pages). |
| Assay results for Drillhole HB99, PL 1607, Co. Kildare, (5 pages). |
| Assay results for Drillhole No: 155, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 156, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 158, PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: 159, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 160, PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: 162, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole No: 163, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole No: 164, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 165, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 166, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: 79A, PL 1607, Co. Kildare, (6 pages). |
| Assay results for Drillhole No: 83A, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: HB 137, PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: HB 141, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: HB 145, PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: HB106 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: HB65 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: HB65A PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: HB66 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB56 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: RHB57 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: RHB58 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB59 PL 1607, Co. Kildare, (1 page). |

| |
|--|
| Assay results for Drillhole No: RHB60 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB62 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB67 PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole No: RHB73 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB74 PL 1607, Co. Kildare, (1 page). |
| Assay results for Drillhole No: RHB75 PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole No: RHB75 PL 1607, Co. Kildare, (3 pages). |
| Assay results for Drillhole No: RHB77 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole No: RHB79 PL 1607, Co. Kildare, (2 pages). |
| Assay results for Drillhole RHB75, PL 1607, Co. Kildare, (3 pages). |
| Ballyteigue Pionjar Sampling, PL 1607, O.S. Sheets Kildare 12-16, Scale 1: 2500, Fig. 17. |
| BC programme completed - 1976 for PL 863 Rathangan, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1" : 1 mile, map 1. |
| Belan demesne detailed geochemistry PL 1928 - 6" Kildare 38 (Cu) |
| Belan demesne detailed geochemistry PL 1928 - 6" Kildare 38 (Pb) |
| Belan demesne detailed geochemistry PL 1928 - 6" Kildare 38 (Zn) |
| Billiton/Syngonore joint venture renewal report, PL's 1604 + 1607, Co. Kildare, 1st January 1984 - 31st December 1984, (31 pages). |
| Borehole Groove sampling results from drill hole BS - 1 PL 3549, Co. Kildare, (4 pages). |
| Borehole No.6 Boston Hill Drinnanstown south TD. Co. Kildare PL 600 |
| Boston geology (north) Kildare sheets 12 and 17, scale 1:10560 (fig 1) |
| Boston geology (south) Kildare sheets 17 and 22, scale 1:10560 (fig 2) |
| Bouger Anomaly map on PL 1602 6" Kildare 5 |
| Bouger Anomaly Map on PL 1605 scale 6" Kildare 9. |
| Bouger Anomaly Map on PL 1605, 1609, 6" Kildare 10, 14. |
| Bouger Anomaly Map on PL 1605, 6" Kildare 10. |
| Bouger Anomaly Map on PL 1605, 6" Kildare 14. |
| Bouger Anomaly map on PLs 1602, 1603, 1606, 1610. 6" Kildare 11 |
| Bouger Anomaly map on PLs 1602, 1605, 1606 6" Kildare 10. |
| Bouger Anomaly map on PLs 1602,1603 6" Kildare 6 |
| Bouger Anomaly map on PLs 1606, 1610. 6" Kildare 15. |
| Bouger Anomaly map on PLs 1608, 1609. 6" Kildare 19. |
| Bouger Anomaly on PLs 1605, 1606, 1609, 1610. 6" Kildare 14 |
| Bouguer Anomaly - Harberton Bridge, PL 1607, Scale 1:2500, O.S. Sheets Kildare 13-9, 13-13. |
| Bouguer Anomaly map, PL 1607 East, Scale 1: 10,560, O.S. Sheet Kildare 18. |
| Bouguer Anomaly map, PL 1607 West, Scale 1: 10,560, O.S. Sheet Kildare 17. |
| Bouguer Anomaly map, PL's 1604 + 1607, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Bouguer Anomaly map, Scale 1: 10,560, O.S. Sheet Kildare 22. |
| Bouguer gravity - Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 6. |
| Bouguer gravity contours map - 100m Grid Harberton Bridge, PL 1604, Scale 6": 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 5. |
| Bouguer gravity contours PL 1607 - 100m Grid Harberton Bridge, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 13. |
| Bouguer gravity contours PL 1607 - Harberton Bridge, PL 1607, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 16. |
| Bouguer gravity map of PL's 1243 + 1244 Kildare area, (Scale 1:2,500), (fig. 4) |
| Boundary Map Athy (Co. Kildare + Laois) PLs 1155-1158 |
| Calculated overburden thickness, contours map on PL's 1629, 1630 + 1631, O.S. Sheet Kildare 8, 9, 12, 13, Scale 3" : 1 mile. |
| Canal zone - Drill plan, Deep mineralisation, Harberton bridge, Co. Kildare, Scale 1: 2500, Fig. 4. |
| Chargeability and Resistivity profiles Lines AB, CD, EF, Hill of Allen are, Co. Kildare PL 1632, Scale as shown, Plate H-2. |
| Chargeability contour map of PL 894 6" Kildare 21 (440 'a') Plate 2 |
| Chargeability contour map of PL 894 6" Kildare 21 (880 'a') Plate 3 |
| Chargeability contour map of PLs 894 + 1557 6" Kildare 22 (440 'a') Plate 6 |
| Chargeability contour map of PLs 894 + 1557 6" Kildare 22 (880 'a') Plate 7 |
| Chargeability contour map of PLs 894 + 1557 6" Kildare 27 (440 'a') Plate 10 |
| Chargeability contour map of PLs 894 + 1557 6" Kildare 27 (880 'a') Plate 11 |
| Chargeability contour map on PL 1608 Co. Kildare, Scale 1 : 10,560ft. |
| Chargeability contour plan drill-hole IP survey Balraheen area Co. Kildare (Scale 1:5000). Fig. 1 |
| Chargeability contour plan Kiltaghan, Co.Kildare on PL 863, Scale 1:2500, Fig. 1. |
| Chargeability contour plan of PL 894 6" Kildare 21 + 26 (440 'a') |
| Chargeability contour plan of PL 894 6" Kildare 21 + 26 (880 'a') |
| Chargeability contour plan of PLs 894 + 1557 6" Kildare 22 (440 'a') |
| Chargeability contour plan of PLs 894 + 1557 6" Kildare 22 (880 'a') |
| Chargeability contour plan of PLs 894 + 1557 6" Kildare 27 (440 'a') |
| Chargeability contour plan of PLs 894 + 1557 6" Kildare 27 (880 'a') |
| Chargeability map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 11 + 15, Scale 1:2500. |
| Chargeability map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 14, 23 - 2, Scale 1:2500. |
| Chargeability map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 6, Scale 1:2500. |
| Chargeability map - Gradient array - on PL 863, O.S. Sheet Kildare 16 + 21, Scale 1:2500. |
| Chargeability map : Gradient Array, PL 863, Kiltaghan area, O.S. Sheet Kildare 16 + 21, Scale 1:2500. |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Chargeability map on PL 1608 Caragh, Co. Kildare. |
| Clongownagh anomaly map of Kildare on PL 1632 (Scale 1.2cm: 500ft). |
| Co-ordinates for drillholes RCD1 to RCD 69, O.S. Sheets Kildare 18 + 23 on PL 1632. |
| Cobra deep sampling in the Kildare gorse area; scale 25"-1 mile; PL 1226 |
| Cobra deep sampling on PL 1243, Kildare Gorse area - 25" Westmeath 24/7 (Cu, Pb, Zn), Fig. 3 |
| Cobra deep sampling on PL 1243, Kildare Gorse, Moate area - 25" Westmeath 24/7 (Cu, Pb, Zn) Fig. 4 |
| Compilation map - Allenwood North on PL 1629, O.S. Sheet Kildare 12/8, 12/12, Scale 1:200'. |
| Compilation map - Derrinturn on PL 1630, O.S. Sheet Kildare 8, Scale 3cm : 1000'. |
| Compilation map - Killinagh - Allenwood North on PL 1630, O.S. Sheet Kildare 12 + 13, Scale 3cm : 1000'. |
| Compilation map - Rickardstown prospect on PL 1632, O.S. Sheet Kildare 23 - 2 + 6, Scale 1:200'. |
| Compilation map - Rickardstown prospect S.E Kildare on PL 1632, March 1980, Scale 1:5,000. |
| Compilation map for PL 1629 Co. Kildare, Scale 2cm : 1000ft. |
| Compilation map of Kildare on PL 1629 (Scale 1.5cm: 500ft). |
| Compilation map of Kildare on PL 1632 (Scale 1.5cm: 500ft). |
| Compilation map on PL 1632, O.S. Sheet Kildare 18 - 13, 18 - 14, 23 - 2, 23 - 6, Scale 1:2500. |
| Compilation map on PL 2061 - 6" Kildare 8 (includes drill hole location). |
| Compilation map on PL 2061 - 6" Kildare 8 (includes drill hole location). |
| Compilation of existing geochemistry PL 3433, 3434 Scale 6" :1 mile Kildare 11, 14, 15, 19,20,Dublin 17, 20A, 21. |
| Compilation of existing geophysics PL 3433, 3434 Scale 6" :1 mile Kildare 11, 14, 15, 19, 20, Dublin 17, 20A, 21. |
| Compilation of previous exploration data on PLs 1602, 1606 - 25" Kildare 10/12, 11/9 Roselawn area |
| Compilation on PL 1605 - Scale 1:500, Raheen Old Moortown Connelly's Bridge (Kildare E Block) |
| Compilation on PL 1609 - 6" Kildare 14 |
| Compilation on PLs 1609, 1610 - (Scale 1:500) Kildare (E) Block |
| Composite data on PL 1602, 1605, 6" Kildare 10. |
| Composite data on PL 1602, 6" Kildare 5, Meath 49a, 53. |
| Composite data on PL 1608, 1609. - 6" Kildare 19 |
| Composite data on PL 1609, 6" Kildare 19. |
| Composite data on PL 1610 6" Kildare 15 Dublin 20, 21. |
| Composite data on PLs 1602, 1603, 1606, 1610, 6" Kildare 11, Dublin 17,20,20a,21. |
| Composite data on PLs 1608, 1609, 6" Kildare 15, Dubln 20, 21. |
| Composite data on PLs 1695, 1606, 1609, 1610, 6" Kildare 14. |
| Composite data, PL 1607, Scale 6" : 1 mile, O.S. Sheet Kildare 17. |
| Composite data, PL 1607, Scale 6" : 1 mile, O.S. Sheet Kildare 18. |
| Composite data, PL's 1604 + 1607, Scale 6" : 1 mile, O.S. Sheet Kildare 13. |
| Composite Geology in PL 890, 1":1 mile (Kildare/Offaly 110 + 119) |
| Composite geology map for PL 863 Boston - Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1" : 1 mile, map 2. |
| Composite geology map Rathangan (BC) on PL 863, O.S. Sheets Kildare, Laois + Offaly 110, 111, 119, 120, Scale 1:63,360, Fig. 3. |
| Composite gravity map Rathangan - Kildare area on PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1" : 1 mile, map 6. |
| Composite map of geology, drift + relevant information PL 1928 - 6" Kildare 38 |
| Composite map of PL 1927 - 6" Kildare 39 |
| Composite map of PL 1927 - 6" Kildare 40 |
| Composite map of PL 1928 - 6" Kildare 37 |
| Composite map Rathangan - Boston Hill area Co. Kildare PL 863, Scale 6":1 mile. |
| Computer plots of VES 1-8 on PL's 1243-4, Castletown - Kildare area, Co. Westmeath, 8 pages |
| Cross section (looking NW), of drillholes 863/16 + 863/15, PL 863 Clonmoyle Td., Rathangan, Co. Kildare, (1 page, 2 copies). |
| Cross section of Drillhole MND2, PL 3649 Monasterevin, Co. Kildare, Scale 1 : 1000, Fig. 5a. |
| Cross section of Drillhole MND3, PL 3649 Monasterevin, Co. Kildare, Scale 1 : 1000, Fig. 5b, (4 pages). |
| Cross-sections of DDH 1228-28, DM69 and DM65 in the Kildare area |
| Cu Cobra/ Bedrock map for PL 1632, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| D.D.H R1 - Log - Total length 206', PL 863, Rathangan, Co. Kildare, (1 page). |
| D.D.H R2 - Log - Total length 160.5', PL 863, Rathangan, Co. Kildare, (1 page). |
| DD Core Log Hole No: HB 13, Harberton Bridge, Co. Kildare, PL 1607, Length 826', includes assay report, (4 pages). |
| DD Core Log Hole No: HB 20, Harberton Bridge, Co. Kildare, PL 1607, Length 450', (3 pages). |
| DD Core Log Hole No: HB 21, Harberton Bridge, Co. Kildare, PL 1607, Length 331', (2 pages). |
| DD Core Log Hole No: HB 22, Harberton Bridge, Co. Kildare, PL 1607, Length 556', (3 pages). |
| DD Core Log Hole No: HB 23, Harberton Bridge, Co. Kildare, PL 1607, Length 336', (1 page). |
| DD Core Log Hole No: HB 24, Harberton Bridge, Co. Kildare, PL 1607, Length 324', (1 page). |
| DD Core Log Hole No: HB 25, Harberton Bridge, Co. Kildare, PL 1607, Length 305', (2 pages). |
| DD Core Log Hole No: HB 26, Harberton Bridge, Co. Kildare, PL 1607, Length 336', (1 page). |
| DD Core Log Hole No: HB 27, Harberton Bridge, Co. Kildare, PL 1607, Length 490', includes assay report, (3 pages). |
| DD Core Log Hole No: HB 28, Harberton Bridge, Co. Kildare, PL 1607, Length 425', (3 pages). |
| DD Core Log Hole No: WBT 79 / 2, Betaghstown, Co. Kildare, PL 1604, Length 68', (3 pages). |
| DDH 14 PL 600 Boston Hill Co. Kildare |
| DDH 15 PL 600 Boston Hill Co. Kildare |

| |
|--|
| DDH 16 PL 600 Boston Hill Co. Kildare |
| DDH 17 PL 600 Boston Hill Co. Kildare |
| DDH 18 PL 600 Boston Hill Co. Kildare |
| DDH 19 PL 600 Boston Hill Co. Kildare |
| DDH 20 PL 600 Boston Hill Co. Kildare |
| DDH 21 PL 600 Boston Hill Co. Kildare |
| DDH 22 PL 600 Boston Hill Co. Kildare |
| DDH 23 PL 600 Boston Hill Co. Kildare |
| DDH 24 PL 600 Boston Hill Co. Kildare |
| DDH location map of PL 894 - 6" Kildare 21 + 26 |
| DDH location map of PL 894 - 6" Kildare 22 |
| DDH Location map PL's 3433 and 3434 Scale 6" : 1 mile Kildare 14. |
| DDH Location map, PL 3434 Scale 6" : 1 mile Kildare 14, 15. |
| DDH Location map, PL's 3433 and 3434 Scale 6" : 1 mile Kildare 14, 15. |
| DDH logs Holes 3433/1 on PL 3433, length 63', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/2 on PL 3433, length 130', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/3 on PL 3433, length 140', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/4 on PL 3433, length 110', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/5 on PL 3433, length 36', (1 Page) Kildare 14, 15. |
| DDH logs Holes 3433/6 on PL 3433, length 357', (4 Pages) Kildare 14. |
| DDH logs Holes 3434/1 on PL 3434, length 75', (1 Page) Kildare 14. |
| DDH logs Holes 3434/2 on PL 3434, length 115', (2 Pages) Kildare 14. |
| Deep auger results (surface check samples 1' depth), PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep auger results (surface check samples 12' depth), PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep auger results (surface check samples 18' depth), PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep auger results (surface check samples 6' depth), PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep Auger results on PL 890, 6":1 mile, 1' depth (Offaly 28, Kildare 16, 17) |
| Deep Auger results on PL 890, 6":1 mile, 12' depth (Offaly 28, Kildare 16, 17) |
| Deep Auger results on PL 890, 6":1 mile, 18' depth (Offaly 28, Kildare 16, 17) |
| Deep Auger results on PL 890, 6":1 mile, 6' depth (Offaly 28, Kildare 16, 17) |
| Deep augering map - Cu Values, Rathangan - BC area on PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep augering map - Pb Values, Rathangan - BC area on PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep augering map - Zn Values, Rathangan - BC area on PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Deep augering results on PL 1928 - 6" Kildare 37 (Cu, Pb, Zn) |
| Deep overburden Geochemistry - Copper map on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 6a |
| Deep overburden Geochemistry - Lead map on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 6b |
| Deep overburden Geochemistry - Zinc map on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 6c |
| Deep overburden geochemistry map for Timahoe area, PL's 1629, 1630 + 1631, Zn, Pb, Cu ppm/10, depth in metres, O.S. Sheets Kildare 3, 4, 8, 9, 12 + 13, Scale 6" : 1 mile. |
| Deep overburden geochemistry results PL 3434 Cu, Pb, Zn, Ba Scale 6" :1 mile Kildare 19. |
| Deep overburden geochemistry results PL's 3433 and 3434 Cu, Pb, Zn, Ba Scale 6" : 1 mile Kildare 14, 15. |
| Deep overburden sampling (Pionjar) on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Deep overburden sampling (pionjar), geochemical results (ppm), O.S. Sheets Kildare 8, PL 1630, Scale unknown. |
| Deep Overburden Sampling - Pb ppm/10, PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 6. |
| Deep Overburden Sampling - Zn ppm/10, PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile, map 5. |
| Deep Overburden Sampling Map - Copper values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5a. |
| Deep Overburden Sampling Map - Iron values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5d. |
| Deep Overburden Sampling Map - Lead values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5b. |
| Deep Overburden Sampling Map - Manganese values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5f. |
| Deep Overburden Sampling Map - Magnesium values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5e. |
| Deep Overburden Sampling Map - Zinc values in ppm, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 5c. |
| Deep overburden sampling map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 4 |
| Deep overburden sampling map, PL 863 Rathangan BC, Scale 1:10,560, O.S. Sheet Kildare 16, 17, 21 + 22, Fig. 1. |
| Deep overburden sampling PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Deep overburden sampling programme map, Kildare Licence Block, PL's 2514 + 3684, Scale 1:100,000, Fig. 2. |
| Deep sampling map Lead in ppm on PL 1631 Prosperous, Co. Kildare. |
| Deep sampling map Zinc in ppm on PL 1631 Prosperous, Co. Kildare. |
| Deep Soil Sampling - Copper ppm, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Copper ppm, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Copper ppm, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Copper ppm, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Copper ppm, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Lead ppm, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Lead ppm, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Lead ppm, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Lead ppm, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (2 pages). |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Deep Soil Sampling - Lead ppm/10, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Zinc ppm, PL 1632, Kildare Sheet 18, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Zinc ppm, PL 1632, Kildare Sheet 23, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Zinc ppm, PL's 1629 + 1630, Kildare Sheet 17, Scale 6" : 1 mile, (1 page). |
| Deep Soil Sampling - Zinc ppm, PL's 1629, 1630 + 1631, Kildare Sheet 13, Scale 6" : 1 mile, (2 pages). |
| Deep Soil Sampling - Zinc ppm/10, PL's 1630 + 1631, Kildare Sheet 8, Scale 6" : 1 mile, (1 page). |
| Deep soil sampling Copper ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Deep soil sampling Copper ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Deep soil sampling Lead ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 21 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 22 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 26 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 28 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 30 (Scale 6" : 1 mile) |
| Deep soil sampling Zinc ppm Kildare sheet 31 (Scale 6" : 1 mile) |
| Detail I.P and Resistivity survey map on PL 1629, O.S. Sheet Kildare 12, Scale 1:2500. |
| Detail I.P and Resistivity survey map on PL 1632, O.S. Sheet Kildare 23, Scale 1:2500. |
| Detail I.P and Resistivity, Pseudosection P10 30m Dipole, Line 700N, PL 1629, Allenwood Co. Kildare. |
| Detail I.P and Resistivity, Pseudosection P11, 30m Dipole, Line 75E, PL 1629, Allenwood Co. Kildare. |
| Detail I.P and Resistivity, Pseudosection P8, 30m Dipole, Line 300W, PL 1629, Allenwood Co. Kildare. |
| Detail I.P and Resistivity, Pseudosection P9, 30m Dipole, Line 225W, PL 1629, Allenwood Co. Kildare. |
| Detail soil geochemistry PL 1928 - 6" Kildare 37 (Cu, Pb, Zn) |
| Detail soil geochemistry PLs 1926-1927 - 6" Kildare 39 + Carlow 2 (Cu, Pb, Zn) |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Cu). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Cu). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Hg). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Pb). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Pb). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Zn). |
| Detail soil grid on part of Kildare 3 PL 2060 (Scale 1" : 200') (Zn). |
| Detail soil grid on part of Kildare 8 PL 2061 (Scale 1" : 200') (Cu). |
| Detail soil grid on part of Kildare 8 PL 2061 (Scale 1" : 200') (Hg). |
| Detail soil grid on part of Kildare 8 PL 2061 (Scale 1" : 200') (Pb). |
| Detail soil grid on part of Kildare 8 PL 2061 (Scale 1" : 200') (Zn). |
| Detailed drill log 1624-2, PL 1624 Kildare West block, Clonyquin Td., Co. Offaly, Length 1207', Scale 1" = 10ft, (13 pages). |
| Detailed drill log 1624-3, PL 1624 Kildare West block, Clonygowan, Co. Offaly, Length 1056', Scale 1" = 10ft, (11 pages). |
| Detailed drill log 1629-72, PL 1624 Kildare West block, Lullymore East, Co. Kildare, Length 1242', Scale 1" = 10ft, (13 pages). |
| Detailed drill log 1630-10, PL 1630 Kildare West block, Kilkea, Co. Kildare, Length 860', Scale 1" = 10ft, (7 pages). |
| Detailed drillhole log No: 1629/68 on PL 1629 Allenwood, Co. Kildare, Length 181', Scale 1" = 10ft, (2 pages). |
| Detailed drillhole log No: 1629/69 on PL 1629 Allenwood, Co. Kildare, Length 181', Scale 1" = 10ft, (2 pages). |
| Detailed drillhole log No: 1629/70 on PL 1629 Allenwood, Co. Kildare, Length 203', Scale 1" = 10ft, (2 pages). |
| Detailed drillhole log No: 1629/71 on PL 1629 Derrymullen, Co. Kildare, Length 249', Scale 1" = 10ft, (3 pages). |
| Detailed drillhole log No: 1630/10 on PL 1629 Derrymullen, Co. Kildare, Length 860', Scale 1" = 10ft, (7 pages). |
| Detailed drillhole log No: 1631/1 on PL 1631 Kilmurry, Co. Kildare, Length 130', Scale 1" = 10ft, (2 pages). |
| Detailed drillhole log No: 863/27 on PL 863 Mullatine, Co. Kildare, Length 65', Scale 1" = 10ft, (1 page). |
| Detailed drillhole log No: 863/28 on PL 863 Mullatine, Co. Kildare, Length 75', Scale 1" = 10ft, (1 page). |
| Detailed drillhole log No: 863/29 on PL 863 Mullatine, Co. Kildare, Length 62', Scale 1" = 10ft, (1 page). |
| Detailed geochem - area 1 on PL 863 Rathangan area, Co. Kildare, O.S. Sheet Kildare 16-16, Scale 1:2500, map 4. |

| |
|---|
| Detailed geology map with drillhole information on PLs 1602, 1605 - 6" Kildare 4, 5, 9, 10, 14 |
| Detailed geology map with drillhole information on PLs 1605, 1606, 1609 - 6" Kildare 13, 14, 18, 19 |
| Detailed geology map with drillhole information on PLs 1606, 1610 6" Kildare 11, 15, 16 Dublin 17, 21 |
| Detailed Log for Drillhole No: 1604/4, Harberton Bridge, Ballynafagh, Co. Kildare, Total depth 163m, (3 pages). |
| Detailed Log for Drillhole No: 1604/5, Harberton Bridge, Downings South, Co. Kildare, Total depth 370m, (7 pages). |
| Detailed Log for Drillhole No: 1607/1, Harberton Bridge, Mylerstown, Co. Kildare, Total depth 160m, (3 pages). |
| Detailed log of drillhole No. 863/SH1, PL 863 Rathangan, Co. Kildare, Total length 76', Scale 1" = 10', (2 pages). |
| Detailed log of drillhole No. 863/SH2, PL 863 Rathangan, Co. Kildare, Total length 54', Scale 1" = 10', (2 pages). |
| Detailed log of drillhole No. 863/SH3, PL 863 Rathangan, Co. Kildare, Total length 70', Scale 1" = 10', (2 pages). |
| Detailed log of drillhole No. 863/SH4, PL 863 Rathangan, Co. Kildare, Total length 147', Scale 1" = 10', (2 pages). |
| Detailed log of drillhole No. 863/SH5, PL 863 Newtown, Rathangan, Co. Kildare, Total length 42', Scale 1" = 10', (1 page). |
| Detailed log of Drillhole No: 863/16, PL 863 Clonmoyle Td., Rathangan, Co. Kildare, Length 394', Scale 1" = 10', (4 page). |
| Detailed log of Drillhole No: 863/17, PL 863 Newtown Td., Rathangan, Co. Kildare, Length 244', Scale 1" = 10', (3 pages, 2 copies) |
| Diamond drill core log Hole A1 on PL 1629 Allenwood, Co. Kildare, Total length 1400', (13 pages). |
| Diamond drill core log Hole A10 on PL 1629 Allenwood, Co. Kildare, Total length 676', (10 pages). |
| Diamond drill core log Hole A11 on PL 1629 Allenwood, Co. Kildare, Total length 476', (1 page). |
| Diamond drill core log Hole A2 on PL 1629 Allenwood, Co. Kildare, Total length 205', (4 pages). |
| Diamond drill core log Hole A3 on PL 1629 Allenwood, Co. Kildare, Total length 402', (3 pages). |
| Diamond drill core log Hole A4 on PL 1629 Allenwood, Co. Kildare, Total length 203', (2 pages). |
| Diamond drill core log Hole A5 on PL 1629 Allenwood, Co. Kildare, Total length 113', (1 page). |
| Diamond drill core log Hole A6 on PL 1629 Allenwood, Co. Kildare, Total length 365', (5 pages). |
| Diamond drill core log Hole A7 on PL 1629 Allenwood, Co. Kildare, Total length 338', (8 pages). |
| Diamond drill core log Hole A8 on PL 1629 Allenwood, Co. Kildare, Total length 446', (19 pages). |
| Diamond drill core log Hole A9 on PL 1629 Allenwood, Co. Kildare, Total length 539', (21 pages). |
| Diamond drill core log Hole P1 on PL 1631 Prosperous, Co. Kildare, Total depth 1426', O.S. Sheet Kildare 9, (2 pages). |
| Diamond drill hole location map on PL 1608, O.S. Sheet Kildare 18. |
| Diamond drill hole log 863/11, PL 863 Cappanargid Td., Rathangan, Co. Kildare, Length 87', (2 pages). |
| Diamond drill hole log 863/13, PL 863 Drumsru Td., Rathangan, Co. Kildare, Total length 206', (2 pages). |
| Diamond drill hole log 863/14, PL 863 Drumsru Td., Rathangan, Co. Kildare, Total length 545', (4 pages). |
| Diamond drill hole sections a)DDH 863/2 to chair of Kildare inlier b)DDH 863/2 through DDH 600/64 to Boston Hill 1/2500 |
| Diamond drill record Hole No: 1629/1 (D) on PL 1629 Allenwood North, Depth 523m, O.S. Sheet Kildare 12, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: A14 - 81 on PL 1629 Allenwood, Depth 436.65m, includes assay results, O.S. Sheet Kildare 13/9, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: RK6/ 81 on PL 1632 Rickardstown, Depth 270m, O.S. Sheet Kildare 23, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: RK7/ 81 on PL 1632 Rickardstown, Depth 195m, O.S. Sheet Kildare 23, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: RK8/ 81 on PL 1629 Rickardstown, Depth 212.75m, O.S. Sheet Kildare 23, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: TM1/81 on PL 1631, Timahoe, Depth 153m, O.S. Sheet Kildare 9 - 14, Scale 1:500, (1 profile). |
| Diamond drill record Hole No: TM2/81 on PL 1631, Timahoe, Depth 351m, O.S. Sheet Kildare 9, Scale 1:500, (1 profile). |
| Diamond drill section - 863/2, 6, 7, 8, 9, PL 863 Rathangan (BC), Co. Kildare, Fig. 2. |
| Diamond drill sections map, PL 863 Rathangan - BC, O.S. Sheets Kildare 12, 17, Scale 1" = 20', Fig. 5. |
| Diamond drill sections of holes BDK /10-16 on PL 1243, Kildare area, 25" Westmeath 24/7, (Scale 1" : 40') Fig. 6. |
| Diamond drill sections of holes BDK/10, 11, 16, 17 + 18 on PL 1243, Kildare area, Moate - 25" Westmeath 24/3, 7 Scale 1":40', Final Depths 167', 216', 134', 148' + 185', Fig. 13 |
| Diamond Drillhole log 863/15, PL 863, Clonmoyle West, Rathangan, Co. Kildare, Length 264', (3 pages). |
| Diamond drillhole log no. MND4 Killbog, Monasterevin, Co. Kildare, PL 3427, Length 130.6m, (1 page). |
| Diamond drillhole log no. MND5 Killbog, Monasterevin, Co. Kildare, PL 3427, Length 74m, (1 page). |
| Diamond drilling (locations) map, PL 863 Rathangan BC, Co. Kildare, Scale 1:21,120. |
| Diamond drilling - Cross section Rathangan - BC, Hole 863/15, PL 863, O.S. Sheet Kildare 21, Scale 1" : 20ft, Fig. 4. |
| Diamond drilling - locations on PL 863, O.S. Sheets Kildare 12, 16, 17, 21 + 22, Offaly 27, 28, Scale 1:21,120. |
| Diamond drilling compilation map for PL 863, O.S. Sheet Kildare 12, 17, 22, Scale 1:10,560. |
| Diamond drilling compilation map on PL 863, O.S. Sheet Kildare 12, 17, 22, Scale 1:10,560 |
| Diamond drilling locations on PL 890, Kildare 12, 16, 17, 21, 22 + Offaly 27, 28 (Scale 6" : 1 mile) |
| Downhole IP survey Allenwood, Co. Kildare on PL 1629, Scale 1:2500, (10 pages). |
| Drift data from water, Borehole records for Co's Kildare + Laois, PL's 2514 + 3684, (2 pages). |
| Drift geology PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Drill fence across Clongownagh exploration map on PL 1629, Co. Kildare, Scale 1" : 40' (Vertical), 1":80' (Horizontal). |
| Drill fence across Rickardstown "reef" knoll map on PL 1632, Co. Kildare, Scale 1" : 53.3' (Vertical), 1" : 106.6' (Horizontal). |
| Drill Hole 863/1 area : Drimsrii on PL 863 Rathangan, Co. Kildare, Total length 1035', (4 pages). |
| Drill Hole 863/2 area : Cappanargid on PL 863 Rathangan, Co. Kildare, Total length 1480', (6 pages). |
| Drill Hole 863/3 area : Kiltaghan North on PL 863 Rathangan, Co. Kildare, Total length 295', (1 page). |
| Drill Hole 863/4 area : Kiltaghan North on PL 863 Rathangan, Co. Kildare, Total length 202', (1 page). |
| Drill Hole 863/5 area : Kiltaghan North on PL 863 Rathangan, Co. Kildare, Total length 117', (1 page). |
| Drill Hole 863/6 area : Rathangan BC - Cappanargid on PL 863 Rathangan, Co. Kildare, Total length 299', (6 pages). |
| Drill Hole 863/7 area Cappanargid on PL 863 Co. Kildare, Total length 276', (1 page). |
| Drill Hole 863/8 area Cappanargid on PL 863, Co. Kildare, Total length 195', (1 page). |
| Drill Hole 863/9 area Cappanargid on PL 863, Co. Kildare, Total length 350', (1 page). |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Drill hole location map + geology Harberton Bridge Kildare 13 (Scale 6" : 1 mile) (Fig. 5) |
| Drill hole location map on PL 1629, Co. Kildare, Scale not shown. |
| Drill hole location map on PL 1632, Co. Kildare, Scale not shown. |
| Drill Hole location map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 7 |
| Drill hole location map on PL's 1625, 1626, 1639 and 1640, O.S. Sheet Kildare 21, Offaly 18, 19, 26, 27, 33, 34, Laois 3, 4, 5, 7, 8, 9, 12, 13, 14, Scale 3" = 1 mile. |
| Drill hole location map PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Drill hole log BS-1 Ballyshannon on PL 3549, Co. Kildare, Total depth 807.5m, (2 pages), |
| Drill log for Drillhole No: HB 120, Total Length 318.82m, PL 1607, Co. Kildare, (11 pages). |
| Drill log for Drillhole No: HB 155, Total Length 495.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log for Drillhole No: HB 156, Total Length 428.24m, PL 1607, Co. Kildare, (3 pages). |
| Drill log for Drillhole No: HB 157, Total Length 457.2m, PL 1607, Co. Kildare, (3 pages). |
| Drill log for Drillhole No: HB 158, Total Length 518.12m, PL 1607, Co. Kildare, (25 pages). |
| Drill log for Drillhole No: HB 159, Total Length 454.4m, PL 1607, Co. Kildare, (22 pages). |
| Drill log for Drillhole No: HB 160, Total Length 424.85m, PL 1607, Co. Kildare, (20 pages). |
| Drill log for Drillhole No: HB 161, Total Length 423.1m, PL 1607, Co. Kildare, (21 pages). |
| Drill log for Drillhole No: HB 162, Total Length 474.26m, PL 1607, Co. Kildare, (23 pages). |
| Drill log for Drillhole No: HB 163, Total Length 458.72m, PL 1607, Co. Kildare, (23 pages). |
| Drill log for Drillhole No: HB 164, Total Length 466.34m, PL 1607, Co. Kildare, (23 pages). |
| Drill log for Drillhole No: HB 165, Total Length 500.8m, PL 1607, Co. Kildare, (26 pages). |
| Drill log for Drillhole No: HB 166, Total Length 447.75m, PL 1607, Co. Kildare, (20 pages). |
| Drill log for Drillhole No: HB 79A, Total Length 468.17m, PL 1607, Co. Kildare, (23 pages). |
| Drill log for Drillhole No: HB 83A, Total Length 488.59m, PL 1607, Co. Kildare, (24 pages). |
| Drill log Hole No: HB100, Total length 71m, PL 1607, Co. Kildare, (1 page). |
| Drill log Hole No: HB101, Total length 75m, PL 1607, Co. Kildare, (1 page). |
| Drill log Hole No: HB102, Total length 475.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB103, Total length 441.7m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB104, Total length 386.5m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB104, Total length 386.5m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB105, Total length 467.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB105, Total length 467.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB106, Total length 230.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB106, Total length 230.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB107, Total length 452.9m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB108, Total length 164.61m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB108, Total length 164.61m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB109, Total length 114.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB109, Total length 114.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB110, Total length 199.94m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB110, Total length 199.94m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB111, Total length 120.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB112, Total length 449.6m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB113, Total length 137.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB113, Total length 137.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB114, Total length 69.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB115, Total length 228.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB115, Total length 228.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB116, Total length 95.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB116, Total length 95.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB117, Total length 123.1m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB117, Total length 123.1m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: HB118, Total length 106.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB118, Total length 106.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB119, Total length 112.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB120, Total length 148.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB121, Total length 64.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB121, Total length 64.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB122, Total length 102.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB122, Total length 102.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB123, Total length 150m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB123, Total length 150m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: HB124, Total length 197.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB124, Total length 197.5m, PL 1607, Co. Kildare, (6 pages). |
| Drill log Hole No: HB125, Total length 50.3m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: HB126, Total length 97.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB126, Total length 97.6m, PL 1607, Co. Kildare, (2 pages). |

| |
|---|
| Drill log Hole No: HB127, Total length 100.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB128, Total length 132.6m, PL 1607, Ballyteige, Co. Kildare, (2 pages). |
| Drill log Hole No: HB129, Total length 161.6m, PL 1607, Ballyteige, Co. Kildare, (2 pages). |
| Drill log Hole No: HB130, Total length 76.3m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB131, Total length 112.9m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB132, Total length 96.3m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB133, Total length 100m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB134, Total length 86m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB135, Total length 70m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB136, Total length 93m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB137 PL 1607, Co. Kildare, Total length 503.8m, (3 pages). |
| Drill log Hole No: HB138 PL 1607, Co. Kildare, Total length 230.4m, (2 pages). |
| Drill log Hole No: HB139 PL 1607, Co. Kildare, Total length 98.8m, (2 pages). |
| Drill log Hole No: HB140 PL 1607, Co. Kildare, Total length 435.3m, (3 pages). |
| Drill log Hole No: HB141 PL 1607, Co. Kildare, Total length 452m, (3 pages). |
| Drill log Hole No: HB142 PL 1607, Co. Kildare, Total length 84.7m, (2 pages). |
| Drill log Hole No: HB143 PL 1607, Co. Kildare, Total length 182.9m, (2 pages). |
| Drill log Hole No: HB144 PL 1607, Co. Kildare, Total length 230.4m, (2 pages). |
| Drill log Hole No: HB145 PL 1607, Co. Kildare, Total length 428.3m, (3 pages). |
| Drill log Hole No: HB146 PL 1607, Co. Kildare, Total length 67.1m, (1 page). |
| Drill log Hole No: HB147 PL 1607, Co. Kildare, Total length 39.6m, (1 page). |
| Drill log Hole No: HB148 PL 1607, Co. Kildare, Total length 448.1m, (3 pages). |
| Drill log Hole No: HB149 PL 1607, Co. Kildare, Total length 59.3m, (2 pages). |
| Drill log Hole No: HB150 PL 1607, Co. Kildare, Total length 175.8m, (2 pages). |
| Drill log Hole No: HB151 PL 1607, Co. Kildare, Total length 328.3m, (2 pages). |
| Drill log Hole No: HB152 PL 1607, Co. Kildare, Total length 391.4m, (3 pages). |
| Drill log Hole No: HB153 PL 1607, Co. Kildare, Total length 178m, (8 pages). |
| Drill log Hole No: HB154 PL 1607, Co. Kildare, Total length 494.4m, (21 pages). |
| Drill log Hole No: HB155 PL 1607, Co. Kildare, Total length 210m, (3 pages). |
| Drill log Hole No: HB156 PL 1607, Co. Kildare, Total length 107m, (2 pages). |
| Drill log Hole No: HB65, Total length 308.5m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB65A, Total length 275.8m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: HB66, Total length 139m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB68, Total length 80.8m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB72, Total length 91.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB73, Total length 69m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB74, Total length 92.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB75, Total length 73.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB78, Total length 20m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB79, Total length 77.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB80, Total length 82.3m, PL 1607, Co. Kildare, (1 page). |
| Drill log Hole No: HB81, Total length 82.3m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB82, Total length 73.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB85, Total length 112.8m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB89, Total length 47.24m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB90, Total length 101m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: HB91, Total length 86.7m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB92, Total length 118.85m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB93, Total length 112.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB94, Total length 90.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB95, Total length 117.1m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB96, Total length 128.35m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB97, Total length 117.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB98, Total length 110.15m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: HB99, Total length 120.2m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB56, Total length 100.9m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB57, Total length 150.2m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB58, Total length 116.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB59, Total length 116.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB60, Total length 64m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB61, Total length 28.95m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB62, Total length 77m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB63, Total length 39.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB64, Total length 33.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB65, Total length 41.5m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB66, Total length 66.4m, PL 1607, Co. Kildare, (2 pages). |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Drill log Hole No: RHB67, Total length 181.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB68, Total length 42m, PL 1604, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB69, Total length 59.4m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB70, Total length 246m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB71, Total length 30.3m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB72, Total length 70.1m, PL 1607, Co. Kildare, (4 pages). |
| Drill log Hole No: RHB73, Total length 92m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB74, Total length 114.8m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB75, Total length 473.0m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB75, Total length 473m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB75, Total length 473m, PL 1607, Co. Kildare, (3 pages). |
| Drill log Hole No: RHB76, Total length 30.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB77, Total length 77.9m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB78, Total length 51.45m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB79, Total length 89.6m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB80, Total length 96m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB81, Total length 106.75m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB82, Total length 111.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB82, Total length 111.4m, PL 1607, Co. Kildare, (2 pages). |
| Drill log Hole No: RHB84, Total length 45m, PL 1607, Co. Kildare, (2 pages). |
| Drill logs borehole BND - 1 on PL 1318, Kilcock Block, Co. Kildare, (6 pages) Length 148.5m = EOH. Fig. 3b |
| Drill section KLD1 (Whitechurch townland, Straffan, Co. Kildare) on PL1211 Total depth 235' Fig 8. |
| Drill section KLD2 (Moortown townland, Kilcullen, Co. Kildare) on PL 1208 (Kildare 28) Fig. 9. |
| Drillhole location map, Drillhole MND4, O.S. Sheet Kildare 26, PL 3427 Monasterevin, Co. Kildare. |
| Drillhole log MND4, PL 3427 Killbog, Monasterevin, Co. Kildare, Length 130.6m, (3 pages). |
| Drillhole log no. MND2, PL 3649 Mullaghroe, Co. Kildare, Length 165.6m, (4 pages). |
| Drillhole log no. MND3, PL 3649 Mullaghroe, Co. Kildare, Length 381m, (9 pages). |
| E Block Location Plan, PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, Fig. 3. |
| E Block Work Compilation, PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, Fig. 2. |
| EM 16-R Apparent resistivity map - 100m Harberton Bridge, PL 1607, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 21. |
| Exploration report on PL's. 1602, 1605, 1606, 1609, 1610 - Kildare, Dublin dated July 1983 to June 1985 (report 17 pages) |
| Exploration Report on the Clane Licence Group, PLs 1602, 1605, 1606, 1609, 1610 - Kildare dated 21/12/1982 (8 pages) |
| Exploration summary map PL 2060 Ballykane Hill, Co. Kildare Scale 1:2500. |
| Exploration summary map PL 2062 Ballybryan Hill, Co. Kildare Scale 1:2500. |
| Exploration summary map PL 2062 Nules Bridge, Co. Kildare Scale 1:2500. |
| Field work 1976 map Kildare block on PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639+ 1640, Scale 1/2" = 1 mile, Fig. 1. |
| Final report (English text) on PLs 1155 to 1158 - Athy, Kildare October 1970 (10 pages). |
| Final report (French text) on PLs 1155 to 1158 - Athy, Kildare October 1970 (11 pages) |
| Final report for PL 1608 Co. Kildare, (1 page). |
| Final report on PL's 1155 to 1158 - Kildare 13/7/72 (4 pages). |
| General map of PL 894 - 6" Kildare 21, 22, 26 + 27 showing the arrangement of the exploration traverses + the outline geology |
| Generalised Geology map Harberton Bridge Co. Kildare PLs 1604 + 1607 (Scale 1" : 1 mile) (Fig. 2) |
| Generalised geology map Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1" : 1 mile, Fig. 2. |
| Generalised geology map of Harberton Bridge, Co. Kildare with overlay showing VLF-R survey area, Scale 1": 1 mile, Fig. 2. |
| Generalised geology map of Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 2. |
| Generalised geology of PL's 1604 + 1607, Harberton bridge area, Co. Kildare, Scale 1" : 1 mile, Fig. 2. |
| Generalised stratigraphic successions : NE Co. Kildare |
| Generalised Stratigraphic Succession Central + NE Kildare, Scale 4.2cm : 1000'. |
| Generalised Stratigraphic Successions Kildare, Scale 1: 6000 approx. |
| Geochemical (soil + peat) survey of PL 1281 Robertstown area - 6" Kildare 12,13,17 + 18 (Cu, Pb, Zn) Includes geology of PL 1281 |
| Geochemical anomaly map of PL 2830 - 6" Kildare 37. |
| Geochemical anomaly map of PL 2831 - 6" Kildare 39. |
| Geochemical anomaly map of PLs 2429 and 2834 - 6" Kildare 38 and Wicklow 26. |
| Geochemical anomaly of PLs 2831 and 2834 - 6" Kildare 40. |
| Geochemical Contours on PL 890, Cu (Scale 1":880') Offaly 27, 28, Kildare 16. |
| Geochemical Contours on PL 890, Pb (Scale 1":880') Offaly 27,28, Kildare 16. |
| Geochemical Contours on PL 890, Zn (Scale 1":880') Offaly 27, 28, Kildare 16. |
| Geochemical plan of PL 725 6" Kildare 17 + 22 (Cu, Pb, Zn) |
| Geochemical plan of PL 894 - 6" Kildare 26 (Cu, Pb, Zn) |
| Geochemical plan of PL 894 - 6" Kildare 26 (Cu, Pb, Zn) |
| Geochemical plan of PL 894 6" Kildare 21 (Cu, Pb, Zn) threshold values |
| Geochemical plan of PL 897 - 6" Kildare 21 (Cu, Pb, Zn) |
| Geochemical plan of PLs 894 + 1557 - 6" Kildare 22 (Cu, Pb, Zn) |
| Geochemical plan of PLs 894 + 1557 - 6" Kildare 27 (Cu, Pb, Zn) |
| Geochemical plan of PLs 897 + 1557 - 6" Kildare 22 (Cu, Pb, Zn) |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Geochemical plan of PLs 897 + 1557 - 6" Kildare 27 (Cu, Pb, Zn) |
| Geochemical plan of Rathangan area, Co. Kildare PL 863, Cu ppm Contours, Scale 1" = 880'. |
| Geochemical plan of Rathangan area, Co. Kildare PL 863, Pb ppm Contours, Scale 1" = 880'. |
| Geochemical plan of Rathangan area, Co. Kildare PL 863, Zn ppm Contours, Scale 1" = 880'. |
| Geochemical progress report for PL 1629, Sheet no. Kildare 16, (2 pages). |
| Geochemical progress report for PL's 1629 + 1630, Sheet no. Kildare 17, (4 pages). |
| Geochemical progress report for PL's 1629, 1630 + 1631, Sheet no. Kildare 12, (4 pages). |
| Geochemical progress report for PL's 1629, 1630 + 1631, Sheet no. Kildare 13, (5 pages). |
| Geochemical progress report for PL's 1630 + 1631, Sheet no. Kildare 8, (4 pages). |
| Geochemical progress report for PL's 1630 + 1631, Sheet no. Kildare 9, (3 pages). |
| Geochemical progress report for PL's 1632, Sheet no. Kildare 18, (5 pages). |
| Geochemical progress report for PL's 1632, Sheet no. Kildare 23, (5 pages). |
| Geochemical progress report on PL 1633 6" Kildare 22, Sept. 1974 (4 pages) |
| Geochemical progress report on PL 1634 6" Kildare 21, Sept. 1974 (4 pages) (Cu, Pb, Zn). |
| Geochemical progress report on PL 1634 6" Kildare 26, Sept. 1974 (5 pages) |
| Geochemical progress report on PL 1634 6" Kildare 30, Sept. 1974 (3 pages) |
| Geochemical progress report on PL 1636 6" Kildare 32, Sept. 1974 (3 pages) |
| Geochemical progress report on PL 1637 6" Kildare 37, Sept. 1974 (2 pages) |
| Geochemical progress report on PL 1637 6" Kildare 38, Sept. 1974 (2 pages) |
| Geochemical progress report on PLs 1633 - 1635 6" Kildare 27, Sept. 1974 (3 pages) |
| Geochemical progress report on PLs 1633 - 1635 6" Kildare 28, Sept. 1974 (4 pages) |
| Geochemical progress report on PLs 1634 - 1636 6" Kildare 31, Sept. 1974 (3 pages) |
| Geochemical progress report on PLs 1636 and 1637 6" Kildare 35, Sept. 1974 (3 pages) |
| Geochemical progress report on PLs 1636 and 1637 6" Kildare 36, Sept. 1974 (2 pages) |
| Geochemical prospecting and water borehole data map on PL 2518, Co. Kildare, Fig. 2. |
| Geochemical results of deep soil sampling survey- Cu, Pb, Zn in ppm, PL 863 Rathangan, Co. Kildare, Scale as shown on map. |
| Geochemical soil survey Cu in soils (1 : 10,560) Kildare 4, PLs 1316, 1317 + 1318 |
| Geochemical soil survey Cu in soils (1 : 10,560) Kildare 8, PL 1316 |
| Geochemical soil survey of Cu in soils (1 : 10,560) Kildare 9 PL 1316 |
| Geochemical soil survey of Pb in soils (1: 10, 560) Kildare 8, PL 1316 |
| Geochemical soil survey of PL 2060 (Kildare 1) (Cu). |
| Geochemical soil survey of PL 2060 (Kildare 1) (Pb). |
| Geochemical soil survey of PL 2061 (Kildare 8) (Cu). |
| Geochemical soil survey of PL 2061 (Kildare 8) (Pb). |
| Geochemical soil survey of PL 2061 (Kildare 8) (Zn). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 2) (Pb). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 2) (Zn). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 3) (Cu). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 3) (Pb). |
| Geochemical soil survey of PL's 2060 and 2062 (Kildare 3) (Zn). |
| Geochemical soil survey of PL's 2061 and 2062 (Kildare 7) (Cu). |
| Geochemical soil survey of PL's 2061 and 2062 (Kildare 7) (Pb). |
| Geochemical soil survey of PL's 2061 and 2062 (Kildare 7) (Zn). |
| Geochemical soil survey of Zn in soils (1 : 10,560) Kildare 9, PL 1316 |
| Geochemical soil survey of Zn in soils (1 : 10,560) Kildare 8 PL 1316 |
| Geochemical soil survey Pb in soils (1 : 10,560) Kildare 4 PLs 1316, 1316 + 1318 |
| Geochemical soil survey Zn in soils (1 : 10,560) Kildare 4, PL 1316, 1317 + 1318 |
| Geochemical soil survey, Cu in soils (1 : 10,560) Kildare 3, PL 1316 |
| Geochemical soil survey, Zn in soils (1 : 10,560) Kildare 3, PL 1316 |
| Geochemical Survey copper in soils map Kildare 13 PLs 1604, 1605, 1607, 1608 + 1609 (Scale 1:10,560). |
| Geochemical Survey copper in soils map Kildare 17 PL 1607 (Scale 1:10,560). |
| Geochemical Survey copper in soils map Kildare 18 PL 1607 (Scale 1:10,560). |
| Geochemical survey deep sampling (pionjar - Pb, Zn, Cu, Mn), O.S. Sheet Kildare 12, PL 1630, May 1979, Scale 1:10,560. |
| Geochemical survey deep sampling (pionjar - Pb, Zn, Cu, Mn), O.S. Sheet Kildare 13, PL 1630, June 1979, Scale 1:10,560. |
| Geochemical survey deep sampling (pionjar - Pb, Zn, Cu, Mn), O.S. Sheet Kildare 8, PL 1630, May 1979, Scale 1:10,560. |
| Geochemical survey deep sampling (pionjar - Pb, Zn, Cu, Mn), O.S. Sheet Kildare 9, PL 1630, June 1979, Scale 1:10,560. |
| Geochemical survey for Copper in soils PL 1629 + 1630, Co. Kildare, Map sheet no. Kildare 12, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1629 + 1631, Co. Kildare, Map sheet no. Kildare 13, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1629 + 1632, Co. Kildare, Map sheet no. Kildare 17, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1629, Co. Kildare, Map sheet no. Kildare 16, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1630, Co. Kildare, Map sheet no. Kildare 8, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1631, Co. Kildare, Map sheet no. Kildare 9, Scale 6" : 1 mile. |
| Geochemical survey for Copper in soils PL 1632, Co. Kildare, Map sheet no. Kildare 18, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1629 + 1630, Co. Kildare, Map sheet no. Kildare 12, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1629 + 1631, Co. Kildare, Map sheet no. Kildare 13, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1629 + 1632, Co. Kildare, Map sheet no. Kildare 17, Scale 6" : 1 mile. |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Geochemical survey for Lead in soils PL 1629, Co. Kildare, Map sheet no. Kildare 16, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1630, Co. Kildare, Map sheet no. Kildare 8, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1631, Co. Kildare, Map sheet no. Kildare 9, Scale 6" : 1 mile. |
| Geochemical survey for Lead in soils PL 1632, Co. Kildare, Map sheet no. Kildare 18, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1629 + 1630, Co. Kildare, Map sheet no. Kildare 12, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1629 + 1631, Co. Kildare, Map sheet no. Kildare 13, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1629 + 1632, Co. Kildare, Map sheet no. Kildare 17, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1629, Co. Kildare, Map sheet no. Kildare 16, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1630, Co. Kildare, Map sheet no. Kildare 8, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1631, Co. Kildare, Map sheet no. Kildare 9, Scale 6" : 1 mile. |
| Geochemical survey for Zinc in soils PL 1632, Co. Kildare, Map sheet no. Kildare 18, Scale 6" : 1 mile. |
| Geochemical Survey lead in soils map Kildare 13 PLs 1604, 1605, 1607, 1608 + 1609 (Scale 1:10,560). |
| Geochemical Survey lead in soils map Kildare 17 PL 1607 (Scale 1:10,560). |
| Geochemical Survey lead in soils map Kildare 18 PL 1607 (Scale 1:10,560). |
| Geochemical survey of PL 1208 (Kildare 28) (Cu, Pb, Zn) Fig. 5. |
| Geochemical survey of PL 1211 (Kildare 14) (Cu, Pb, Zn) Fig. 2. |
| Geochemical survey of PL 1927 - 6" Kildare 39 (Cu, Pb, Zn) |
| Geochemical survey of PL 1927 - 6" Kildare 40 (Cu, Pb, Zn) |
| Geochemical survey of PL 1928 - 6" Kildare 37 (Cu, Pb, Zn) |
| Geochemical survey of PL 1928 - 6" Kildare 38 (Cu, Pb, Zn) |
| Geochemical survey of PL's 1208 - 1211 (Kildare 14) (Hg) Fig. 2. |
| Geochemical survey of PL's 1208 - 1211 (Kildare 19) (Hg) Fig. 3. |
| Geochemical survey of PL's 1208 - 1211 (Kildare 23) (Hg) Fig. 4. |
| Geochemical survey of PL's 1208 - 1211 (Kildare 24) (Hg) Fig. 5. |
| Geochemical survey of PL's 1208 - 1211 (Kildare 32) (Hg) Fig. 7. |
| Geochemical survey of PL's 1209 and 1210 (Kildare 23 and 24) (Cu, Pb, Zn) Fig. 4. |
| Geochemical survey of PL's 1210 and 1211 (Kildare 19) (Cu, Pb, Zn) Fig. 3. |
| Geochemical survey of PLs 1316-1318, Co. Kildare (1" O.S. sheets, 100, 101, 110, 111) Cu in soils |
| Geochemical survey of PLs 1316-1318, Co. Kildare (1" O.S. sheets, 100, 101, 110, 111) Pb in soils |
| Geochemical survey of PLs 1316-1318, Co. Kildare (1" O.S. sheets, 100, 101, 110, 111) Zn in soils |
| Geochemical survey of PLs 1316-1318, Co. Kildare (1" O.S. sheets, 100, 101, 110, 111)(Cu, Pb, Zn in stream sediments) |
| Geochemical survey results for PL 1211 (Kildare 14) Cu, Pb, Zn. |
| Geochemical survey results for PL's 1208 - 1209 (Kildare 24) 500'X 500' soils geochemistry (Cu, Pb, Zn.). |
| Geochemical survey results for PL's 1208 - 1209 (Kildare 28) 500'X 500' soils geochemistry (Cu, Pb, Zn.). |
| Geochemical survey results for PL's 1209 - 1210 (Kildare 23) 500'X 500' soils geochemistry (Cu, Pb, Zn.). |
| Geochemical survey results for PL's 1210 and d1211 (Kildare 19 and parts of 18 + 20) 500' X 500' soil geochemistry (Cu, Pb, Zn). |
| Geochemical Survey zinc in soils map Kildare 13 PLs 1604, 1605, 1607, 1608 + 1609 (Scale 1:10,560). |
| Geochemical Survey zinc in soils map Kildare 17 PL 1607 (Scale 1:10,560). |
| Geochemical Survey zinc in soils map Kildare 18 PL 1607 (Scale 1:10,560). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 1) (Cu). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 1) (Pb). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 1) (Zn). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 2) (Cu). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 2) (Pb). |
| Geochemistry - soils survey of PL 2061 (Kildare 3) (Copy 2) (Zn). |
| Geochemistry and I.P Data - Power Auger Grid, PL 863, O.S. Sheet Kildare 16, Scale 25' = 1 mile. |
| Geochemistry coverage map - deep overburden sampling, PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Offaly, Kildare, Laois, Scale 1.5cm : 2 miles. |
| Geochemistry data compilation map Co. Kildare PL 3331 Scale 1:25000. |
| Geochemistry data compilation map Co. Kildare PL 3331 Scale 1:25000. |
| Geochemistry map - Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 9. |
| Geochemistry map for PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 12, 17, Scale as shown on map, map 1. |
| Geochemistry map of Lullymore bog for PL's 1629 + 1630, 6" Sheets Kildare 7, 8, 12, 16, 17 + Offaly 12, 20 + 28, Scale 6" : 1 mile. |
| Geochemistry map on PL 890, Scale 6":1 mile (Kildare 12, 17) |
| Geochemistry of Northern part of PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 12, 17, 21, 22, Scale as shown on map, map 2. |
| Geochemistry of Southern part of PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 16, 17, Scale as shown on map, map 3. |
| Geochemistry, IP data + positions of DDHs on PL 723 Betaghstown area Prosperous, Co Kildare (25":1 mile) (Cu, Pb, Zn) |
| Geological / Geophysical compilation map on PL's 863, 1629 to 1632, O.S. Sheets Kildare 2, 3, 4, 7, 8, 9, 16A, 12, 13, 16, 17, 18, 21, 22, 23, Scale 3" = 1 mile, map 1. |
| Geological base map of PL 894 6" Kildare 21, 22, 26 + 27 |
| Geological Compilation for PL's 2516 + 3610, Kildare block, Scale 1 : 25,000, O. S. Sheets Kildare 22, 27, 28, 31 + 32. |
| Geological compilation map of PL 3427 Monasterevin, Co. Kildare, Scale 1 : 50, 000, Fig. 2. |
| Geological cross-section of the Ballykane area, Co. Kildare showing proposed drillhole |
| Geological cross-section of the Ballykane area,Co.Kildare showing proposed drillhole locations. |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Geological features of Rickardstown exploration play map on PL 1632, Co. Kildare, Scale 5cm : 600ft. |
| Geological fence spanning Allenwood East and West on PL 1629, Co. Kildare, Scale 1": 80' (Vertical), 1":160' (Horizontal). |
| Geological Interpretation Map of PL 1608, Dated Dec.1998 From Sheets: Kildare 13, 14, 18 + 19) (scale 1:25,000) |
| Geological map - 100m Grid Harberton Bridge, PL 1604, Scale 6": 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 4. |
| Geological map for PL 1626 Co. Kildare, Map sheet 109, Scale 1" : 1 mile. |
| Geological map for PL 1629 Co. Kildare, Map sheet Kildare 16 + 16A, Scale 6": 1 mile. |
| Geological map for PL 1629, O.S. Sheets Kildare 16 + 16A, Scale 6" : 1 mile. |
| Geological map for PL 1631 Co. Kildare, Map sheet 111, Scale 1": 1 mile. |
| Geological map for PL 1631 Co. Kildare, Map sheet Kildare 9, Scale 6": 1 mile. |
| Geological map for PL 1632 Co. Kildare, Map sheet 120, Scale 1": 1 mile. |
| Geological map for PL 1632 Co. Kildare, Map sheet Kildare 18, Scale 6": 1 mile. |
| Geological map for PL 1632, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| Geological Map for PL 3332, Sheet no. Kildare 14, Nov. 1997 (Scale 1:10,560) |
| Geological Map for PL 3332, Sheet no. Kildare 19, Nov. 1997 (Scale 1:10,560) |
| Geological Map for PL 3434, Sheet no. Kildare 14, Nov. 1997 (Scale 1:10,560) |
| Geological Map for PL 3434, Sheet no. Kildare 19, Nov. 1997 (Scale 1:10,560) |
| Geological Map for PL 3434, Sheet no. Kildare 20, Nov. 1997 (Scale 1:10,560) |
| Geological map for PL's 1624 and 1639 Co. Kildare, Map sheet 118, Scale 1": 1 mile. |
| Geological map for PL's 1626, 1629, 1630 and 1631 Co. Kildare, Map sheet 110, Scale 1": 1 mile. |
| Geological map for PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 6" : 1 mile. |
| Geological map for PL's 1629 + 1632, O.S. Sheet Kildare 17, Scale 6" : 1 mile. |
| Geological map for PL's 1629 and 1630 Co. Kildare, Map sheet Kildare 12, Scale 6": 1 mile. |
| Geological map for PL's 1629 and 1631 Co. Kildare, Map sheet Kildare 13, Scale 6": 1 mile. |
| Geological map for PL's 1629 and 1632 Co. Kildare, Map sheet Kildare 17, Scale 6": 1 mile. |
| Geological map for PL's 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 6" : 1 mile. |
| Geological map for PL's 1630 + 1631, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| Geological map for PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 6" : 1 mile. |
| Geological map for PL's 1630 and PL 1631 Co. Kildare, Map sheet Kildare 8, Scale 6": 1 mile. |
| Geological Map NE Co. Kildare, Scale 4.3cm : 5 miles. |
| Geological map No PL, O.S. Sheet Kildare 14, Scale 6" : 1 mile. |
| Geological map No PL, O.S. Sheet Kildare 15, Scale 6" : 1 mile. |
| Geological map No PL, O.S. Sheet Kildare 19, Scale 6" : 1 mile. |
| Geological map O.S. Sheet Kildare 9, 10, 13 + 14 on PL 1631, Prosperous, Co. Kildare, Scale 6" : 1 mile. |
| Geological map of Betaghstown on PL 1631 Prosperous, Co. Kildare. |
| Geological map of Betaghstown on PL 1631 Prosperous, Co. Kildare. |
| Geological map of Clane, Co. Kildare, PL 3330, Scale 3cm:2km, Fig. 2. |
| Geological Map of PL 1317, Taken from Kildare 6" Sheets 5+10 (Scale 1:50,000) |
| Geological Map of PL 1318, Taken from Kildare 6" Sheets 5+10 (Scale 1:50,000) |
| Geological map of PL 3427 Monasterevin, Co. Kildare, Scale 10cm : 2500m. |
| Geological map of PL 3610 Monasterevin, Co. Kildare. |
| Geological map of PL 3649 Monasterevin, Co. Kildare. |
| Geological map of PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 25,000, Fig. 2. |
| Geological map of PLs 2429 and 2834 - 6" Kildare 38 and Wicklow 26. |
| Geological map of PLs 2831 and 2834 - 6" Kildare 40. |
| Geological map of PLs 894 + 1557 - 6" Kildare 21, 22, 26 + 27 (Incl. bedrock assay - Cu, Pb, Zn) |
| Geological map of PLs 894 + 1557 - 6" Kildare 22 + 27 (Incl. bedrock assay - Cu, Pb, Zn) |
| Geological map, No PL, O.S. Sheet Kildare 10, Scale 6" : 1 mile. |
| Geological map, No PL, O.S. Sheet Kildare 11, Scale 6" : 1 mile. |
| Geological map, O.S. Sheet Kildare 26, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 10,560. |
| Geological map, O.S. Sheet Kildare 27, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 10,560. |
| Geological map, PL 1641 Monasterevin, Co. Kildare, Scale 5cm : 1250m. |
| Geological report on core material from Boston Hill, Co. Kildare, Ireland; borehole Nos 6 and 7 |
| Geological section on RCD traverse on PL 2822, 'Hill of Allen' Kildare - Old Kilcullen - Awing, DDH Nos. 2822/1 (Scale 1:250). |
| Geological section on RCD traverse on PL's 1633 and 2593, Hill of Allen - Kildare - Old Kilcullen - Newry, DDH 1633/1-8 and 2593/6-11 (Scale 1:250). |
| Geology (Control) Block 'E' , PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, DWG No. 3. |
| Geology + Resistivity map on PL 890, Scale 6":1 mile (Kildare 12, 17) |
| Geology and diamond drilling map, PL 863 Rathangan BC, Scale 1:21,120, O.S. Sheet Kildare 12, 16, 17, 21 + 22, Fig. 2. |
| Geology and Drillhole map, Maynooth, Co. Kildare, PL 3330, Scale 2cm:1km, Fig. 2. |
| Geology and Geochemical Map PL 1289, Co. Kildare 6" = 1mlie |
| Geology and Geochemical Map PL 1290 Co. Kildare 6" = 1mile. |
| Geology and geochemistry O.S. Sheet Kildare 12 on PL's 1629, 1630 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 13 on PL's 1629 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 13 on PL's 1629 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 16 + 16A on PL 1629, Sept 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 17 on PL's 1629, March 1980, Scale 6" : 1 mile. |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Geology and geochemistry O.S. Sheet Kildare 18 on PL's 1632, Oct. 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 8 on PL's 1630 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 9 on PL's 1630 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry O.S. Sheet Kildare 9 on PL's 1630 + 1631, March 1980, Scale 6" : 1 mile. |
| Geology and geochemistry on PL 1608 - 6" Kildare 13 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 1608 - 6" Kildare 18 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 1633 - 6" Kildare 28 (Cu, Pb, Zn - includes DDH locations). |
| Geology and geochemistry on PL 2061 - 6" Kildare 3 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 2593 - 6" Kildare 22 (Cu, Pb, Zn - includes DDH locations). |
| Geology and geochemistry on PL 2823 - 6" Kildare 23 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 2824 - 6" Kildare 24 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL 2824 - 6" Kildare 28 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL's 1608, 2824 - 6"Kildare 19 (Cu, Pb, Zn includes DDH Locations). |
| Geology and geochemistry on PL's 1633, 1634, 2592, 2593 - 6" Kildare 27 (Cu, Pb, Zn includes DDH locations). |
| Geology and geochemistry on PL's 1634, 2592 - 6" Kildare 26 (Cu, Pb, Zn - includes DDH locations). |
| Geology and geochemistry, O.S Sheet Kildare 12, PL's 1630 + 1631, March 1980, Scale 1:10,560. |
| Geology and geochemistry, O.S Sheet Kildare 16 + 16A, PL's 1630 + 1631, Sept. 1980, Scale 1:10,560. |
| Geology and geochemistry, O.S Sheet Kildare 17, PL's 1630 + 1631, March 1980, Scale 1:10,560. |
| Geology and geochemistry, O.S Sheet Kildare 8, PL's 1630 + 1631, March 1980, Scale 1:10,560. |
| Geology and geochemistry, O.S Sheet Kildare 9, PL's 1630 + 1631, March 1980, Scale 1:10,560. |
| Geology and soil sampling on PL 1634 - 25" Kildare 8 (Cu, Pb, Zn). |
| Geology and work distribution (sheet 1) on PL's 1624, 1625, 1626, 1639 and 1640, O.S. Sheets Kildare 21, Offaly 18, 19, 26, 27, 33, 34 and Laois 3, 4, 5, 7, 8, 9, 12, 13, 14, Scale 3" = 1 mile, map 1. |
| Geology and work distribution (sheet 2) on PL's 863, 1629, 1630 and 1631, O.S. Sheets Kildare 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 16A, Offaly 12, 20, Scale 3" = 1 mile, map 2. |
| Geology and work distribution (sheet 3) on PL's 600, 863, 1629 and 1632, O.S. Sheets Kildare 12 to 16, 16A, 17, 18, 19, 21 to 29, Offaly 12, 28, Scale 3" = 1 mile, map 3. |
| Geology map for PL 3329 Kildare 5, 6, 10, 11 Scale 1:25,000. |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (3E). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (Fig 3A). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (Fig 3B). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (Fig 3C). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) (Fig 3D). |
| Geology map for PLs 3330 and 3332 Clane Co. Kildare (Scale 1:10,560) |
| Geology map gravity survey on PL 1630 Co. Kildare, map sheet no. Kildare 8, Scale 6" : 1 mile. |
| Geology map gravity survey on PL's 1629 and 1632 Co. Kildare, map sheet no. Kildare 12, Scale 6" : 1 mile. |
| Geology map gravity survey on PL's 1629 and 1632 Co. Kildare, map sheet no. Kildare 17, Scale 6" : 1 mile. |
| Geology map Harberton Bridge Kildare 12 PL 1607 (Scale 6" : 1 mile) (Fig 4a) |
| Geology map Harberton Bridge Kildare 13 PLs 1604 + 1607 (Scale 6" : 1 mile) (Fig 4b) |
| Geology map Harberton Bridge Kildare 17 PL 1607 (Scale 6" : 1 mile) (Fig 4c) |
| Geology map Harberton Bridge Kildare 18 PL 1607 (Scale 6" : 1 mile) (Fig 4d) |
| Geology map of Clane Co. Kildare for PL's 3330 and 3332 Scale 1:85,000. |
| Geology Map PL 1316, 1 : 25,000 Kildare 3, 4, 8, 9 |
| Geology Map PL 1316, 6" = 1 mile Kildare 4 |
| Geology Map PL 1316, 6" = 1 mile Kildare 5 |
| Geology Map PL 1316, 6" = 1 mile Kildare 8 |
| Geology Map PL 1316, 6" = 1 mile Kildare 9 |
| Geology Map PL 1316, 6" = 1 mile Kildare 9 |
| Geology map PL 1607 - 100m Grid Harberton Bridge, Scale 6": 1 mile, O.S. Sheets Kildare 12, 13, 17, 18, Fig. 12. |
| Geology map PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Geology map, Freagh Co. Kildare on PL 3549, Scale 1 : 25,000, Fig. 2 |
| Geology map, PL 1607, Scale 1 : 10,560, O.S. Sheet Kildare 12, DWG 28. |
| Geology map, PL 1607, Scale 1 : 10,560, O.S. Sheet Kildare 13, DWG 29. |
| Geology map, PL 1607, Scale 1 : 10,560, O.S. Sheet Kildare 17, DWG 37. |
| Geology map, PL's 1607 + 1608, Scale 1 : 10,560, O.S. Sheet Kildare 18, DWG 38. |
| Geology of Kells Minerals Licences Co's Kildare + Dublin - Compilation of existing Geochemistry on PL 1608, Scale 1 : 25,000. |
| Geology of Kells Minerals Licences Co's Kildare + Dublin - Compilation of existing Geophysics on PL 1608, Scale 1 : 25,000. |
| Geology of Kells Minerals Licences Co's Kildare + Dublin on PL 1608, Scale 1 : 25,000. |
| Geology of Kells Minerals Licences Co. Kildare PL 1608, Scale 1 : 25,000. |
| Geology of PL's 3433 and 3434 Scale 6" : 1 mile Kildare 11, 15, 15, 19, 20 Dublin 17, 20A 21. |
| Geology of PL's 3433 and 3434 Scale 6" : 1 mile Kildare 11, 15, 15, 19, 20 Dublin 17, 20A, |
| Geology on PL 1603 - 6" Kildare 6 |
| Geology on PL 1605, 1606, 1609, 1610, - 6" Kildare 14 |
| Geology on PL 1608 - 6" Kildare 13. |
| Geology on PL 1608 - 6" Kildare 18. |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Geology on PL 1633 - 6" Kildare 22. |
| Geology on PL 1633 - 6" Kildare 22. |
| Geology on PL 1633 - 6" Kildare 23. |
| Geology on PL 1633 - 6" Kildare 23. |
| Geology on PL 1633 - 6" Kildare 28 (includes drill hole locations). |
| Geology on PL 1634 - 6" Kildare 21. |
| Geology on PL 1634 - 6" Kildare 21. |
| Geology on PL 1634 - 6" Kildare 26. |
| Geology on PL 1634 - 6" Kildare 26. |
| Geology on PL 1636 - 6" Kildare 32. |
| Geology on PL 1636 - 6" Kildare 32. |
| Geology on PL 1637 - 6" Kildare 37. |
| Geology on PL 1637 - 6" Kildare 37. |
| Geology on PL 2061 - 6" Kildare 3. |
| Geology on PL 2061 - 6" Kildare 8. |
| Geology on PL 2823 - 6" Kildare 23. |
| Geology on PL 2824 - 6" Kildare 24. |
| Geology on PL's 1608 and 2824 - 6" Kildare 19. |
| Geology on PL's 1633 and 1635 - 6" Kildare 28. |
| Geology on PL's 1633 and 2593 - 6" Kildare 22 (includes drill hole locations). |
| Geology on PL's 1633 to 1635 - 6" Kildare 27. |
| Geology on PL's 1633, 1634, 2592 and 2593 - 6" Kildare 27 (includes drill hole locations). |
| Geology on PL's 1634 and 2592 - 6" Kildare 21 (includes drill hole locations). |
| Geology on PL's 1634 and 2592 - 6" Kildare 26 (includes drill hole locations). |
| Geology on PL's 1634 to 1636 - 6" Kildare 31. |
| Geology on PL's 1636 and 1637 - 6" Kildare 35. |
| Geology on PL's 2822 and 2823 - 6" Kildare 28. |
| Geology on PLs 1600, 1601, - 6" Kildare 6 Meath 53, 53a. |
| Geology on PLs 1600, 1602 - 6" Kildare 5 Meath 49a, 53. |
| Geology on PLs 1602, 1603, 1606, 1610, - Kildare 11 Dublin 17, 20, 20a, 21. |
| Geology on PLs 1602, 1605, 1606, - 6" Kildare 10. |
| Geology on PLs 1608, 1609. - 6" Kildare 19. |
| Geology on PLs 1633 to 1635 - 6" Kildare 27. |
| Geology on PLs 1633 to 1635 - 6" Kildare 28. |
| Geology on PLs 1634 to 1636 - 6" Kildare 31. |
| Geology on PLs 1636 and 1637 - 6" Kildare 35. |
| Geology on PLs 1636 and 1637 - 6" Kildare 36. |
| Geology/Target Map PL 1316 1" = 1 mile, Kildare 3, 4, 8, 9 |
| Geophysical assessment of PL's 1333, 1601, 3611 and 3614 for Kells Minerals Plc August '90 Co's Meath and Kildare. |
| Geophysical coverage map of PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Offaly, Kildare, Laois, Scale 1.5cm : 2 miles. |
| Geophysical Survey Grid K2 Kilcock, Co. Kildare Plate 2 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K2, 3, 4 Kilcock, Co. Kildare Scale 6" = 1 mile, Plate 2, |
| Geophysical Survey Grids K3 Kilcock, Co. Kildare Plate 2 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 1 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 2 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 3 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 4 PLs 1316, 1317, 1318 |
| Geophysical Survey Grids K4 Kilcock, Co. Kildare Plate 5 PLs 1316, 1317, 1318 |
| Geophysical survey map area, Harberton Bridge, Co. Kildare, Scale 6": 1 mile. |
| Geophysical survey map for PL 3332 Celbridge area Co. Kildare (Scale 6" : 1 mile) |
| Geophysical Survey map for PL 3332 Celbridge area Co. Kildare. |
| Geophysical Survey map for PL 3332 Celbridge area Co. Kildare. |
| Geophysical Survey Map PL 1316 Grids K2, 3, 4, 6" = 1 mile, Kildare 4, 9 |
| Geophysical survey PL 1604, Co. Kildare, Scale 6": 1 mile. |
| Geophysics Anomaly Compilation + DDH Locations on PL 1602 - 25" Kildare 10/12, 16 + 11/9, 13 |
| Geophysics coverage map on PL's 1624, 1625, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Offaly, Kildare + Laois, Scale 1:10,560. |
| Glacial landforms map for S.E Kildare, Rickardstown prospect on PL 1632, Scale 1:5000, Fig. 2. |
| Glacial landforms map Rickardstown prospect S.E Kildare on PL 1632, March 1980, Scale 1:5,000. |
| Gradient array - Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 13. |
| Gradient array I.P on PL 1608 Caragh, Co. Kildare. |
| Gradient I.P. map Panel 1: Barretstown on PL 1632, Co. Kildare, Scale 1:10,560. |
| Gradient I.P. map Panel 2: Wheelam on PL 1632, Co. Kildare, Scale 1:10,560. |
| Gradient I.P. map Panel 4: Capanargid on PL 863, Co. Kildare, Scale 1:10,560. |
| Gradient I.P. map Panel 5A: Tullylost - Clonmoyle, Co. Kildare on PL 600, Co. Kildare, Scale 1:10,560. |

| |
|---|
| Gradient I.P. map Panel 6: Lullymore East, Co. Kildare on PL 1629, Scale 1:10,560. |
| Gradient I.P. map Panel 8:Timahoe, Co. Kildare on PL 1631, Scale 1:10,560. |
| Gradient I.P.map Panel 5B: Tullylost - Clonmoyle, Co. Kildare on PL 863, Co. Kildare, Scale 1:10,560. |
| Gradient I.P.map Panel 7: Allenwood North, Co. Kildare on PL 1629, Scale 1:10,560. |
| Graphic Drillhole log No: CG10 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 30m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG11 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 30m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG12 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 27.5m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG2 on PL 1608 Thomastown Td., Co. Kildare, Length 28m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG3 on PL 1608 Thomastown Td., Co. Kildare, Length 31m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG4 on PL 1608 Raheen Td., Co. Kildare, Length 31.6m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG5 on PL 1608 Raheen Td., Co. Kildare, Length 27.45m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG6 on PL 1608 Dereens Td., Co. Kildare, Length 23.1m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG7 on PL 1608 Moortown Td., Co. Kildare, Length 21.45m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG8 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 27.5m, O.S. Sheet Kildare 18, (1 page). |
| Graphic Drillhole log No: CG9 on PL 1608 Oldtown Donore Td., Co. Kildare, Length 21m, O.S. Sheet Kildare 18, (1 page). |
| Graphic log of Drillhole BS-1 Co. Kildare on PL 3549, Total depth 505m, (3 pages). |
| Gravity Bouguer Anomaly - Block 'E', PL's 1600 - 1610, Co's Kildare + Meath, Scale 1" = 1 mile, DWG No. 8. |
| Gravity Interpretation - Block 'E', PL's 1600 - 1610, Co's Kildare + Meath, Scale 1" = 1 mile, DWG No. 7. |
| Gravity map, PL's 1607 + 1608, Scale 1: 10,560, O.S. Sheet Kildare 18, DWG 40. |
| Gravity results of local anomaly on PL 863 Rathangan area, Co. Kildare, Scale 1" : 400'. |
| Gravity Survey for PL 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 6" : 1 mile. |
| Gravity Survey for PL 1630, O.S. Sheet Kildare 8, Scale 6" : 1 mile. |
| Gravity Survey Lines 4N, 12S Induced polarization survey, Pole - dipole arrays Line 12S PL 1629 Allenwood Co. Kildare, Plate A-8. |
| Gravity survey on PL 1633 - 6" Kildare 22. |
| Gravity survey on PL 1633 - 6" Kildare 22. |
| Gravity survey on PL 1633 - 6" Kildare 23. |
| Gravity survey on PL 1633 - 6" Kildare 23. |
| Gravity survey on PL 1633 - 6" Kildare 26. |
| Gravity survey on PL 1634 - 6" Kildare 27. |
| Gravity survey on PL's 1629,+ 1631, Sheet Kildare 13, Scale 6" : 1 mile, map 10. |
| Gravity survey on PLs 1634 and 1641 - 6" Laois 9 and 9A, Kildare 26. |
| Grid base map with anomalous zones indicated, Allenwood Co. Kildare PL 1629, Scale 1 : 2500, Plate A- 9. |
| Grid base map with anomalous zones indicated, Hill of Allen area, Co. Kildare PL 1632, Scale 6" = 1 mile, Plate H-1. |
| Groove sampling data results for Borehole MND4, PL 3427 Monasterevin, Co. Kildare, (2 pages). |
| Groove sampling data results for Borehole MND5, PL 3427 Monasterevin, Co. Kildare, (1 page). |
| Groove Sampling MND2, PL 3649 Mullaghroe, Monasterevin, Co. Kildare, (2 pages). |
| Groove Sampling MND3, PL 3649 Mullaghroe, Monasterevin, Co. Kildare, (3 pages). |
| Ground TEM Survey Grid for PL 1608, From Sheet No. Kildare 18 (Scale 10,560) |
| Harberton Betaghston Pionjar Sampling, PL 1604, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Harberton Bridge Work report for period 1/1/94 - 31/12/95, PL's 1604 + 1607, Co. Kildare, (14 pages). |
| Harberton Roadside Pionjar, PL 1607, Scale 1: 10,560, O.S. Sheets Kildare 12, 13, 17 + 18. |
| I.P + Resistivity soundings map Rathangan (BC) on PL 863, O.S. Sheet Kildare 17, Scale 1:10,560, Fig. 1. |
| I.P + Resistivity soundings map, Lines 1, 2 - Resistivity and Chargeability, PL 863 Rathangan - BC, O.S. Sheets Kildare 16, 17, 21 + 22, Scale 1: 10,560, Fig. 4. |
| I.P + Resistivity soundings map, PL 863 Rathangan - BC, O.S. Sheet Kildare 17, Scale 1: 10,560, Fig. 3. |
| I.P + Resistivity survey, Grid : Carragh 1 Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 1 Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 2 Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 2 Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 3 Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 3 Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 4 Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 4 Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 5A Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 5A Resistivity PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 5B Chargeability PL 1608 - Co. Kildare. |
| I.P + Resistivity survey, Grid : Carragh 5B Resistivity PL 1608 - Co. Kildare. |
| I.P an Resistivity survey map on PL 1629, O.S. Sheet Kildare 18 - 14, 23 - 2, Scale 1:2500. |
| I.P and Resistivity P.S. Pseudosection P1, 60m Dipole, Lines 900W + 750W, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P2, 60m Dipole, Lines 600W + 450W, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P3, 60m Dipole, Lines 300W + 150W, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P4, 60m Dipole, Lines 00 + 150E, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P5, 60m Dipole, Lines 300E + 450E, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P6, 60m Dipole, Lines 600E + 750E, PL 1629 Allenwood Co. Kildare. |
| I.P and Resistivity P.S. Pseudosection P7, 60m Dipole, Lines 900E + 1050E, PL 1629 Allenwood Co. Kildare. |

| |
|---|
| I.P and Resistivity survey map on PL 1631, O.S. Sheet Kildare 12/12, Scale 1:200'. |
| I.P and Resistivity survey map on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P and Resistivity survey map, PL 1629 Allenwood North, Co. Kildare, Chargeability - Downhole Gradient array, Lines 75S, 150S, Scale 1:2500, Fig. 1. |
| I.P and Resistivity survey map, PL 1629 Allenwood North, Co. Kildare, Resistivity, Lines 75S, 00, Scale 1:2500, Fig. 2. |
| I.P Chargeability survey map for PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P Chargeability survey map for PL 1632, O.S. Sheet Kildare 23, Scale 1:10,560. |
| I.P Chargeability survey map for PL 863, O.S. Sheet Kildare 16, 17, 21, 22, Scale 1:10,560. |
| I.P Chargeability survey map Boston - Allenwood area on PL 863, O.S. Sheet Kildare 16, 17, Scale 1:10,560 |
| I.P Chargeability survey map Boston - Allenwood area on PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560 |
| I.P Chargeability survey map for PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P Chargeability survey map for PL's 1624 + 1625, O.S. Sheet Kildare 33, Scale 1:10,560. |
| I.P Chargeability survey map for PL's 1624 + 1625, O.S. Sheet Kildare 34, Scale 1:10,560. |
| I.P Chargeability survey map for PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P Chargeability survey map for PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Chargeability survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560 |
| I.P Chargeability survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560 |
| I.P Chargeability survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P Chargeability survey map on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P Chargeability survey map on PL's 1630 + 1631, O.S. Sheet Kildare 8, Scale 1:10,560. |
| I.P Chargeability survey map on PL's 1630 + 1631, O.S. Sheet Kildare 8, Scale 1:10,560. |
| I.P Chargeability survey map on PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P Resistivity survey map (Chargeability) on PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Resistivity survey map Boston - Allenwood area on PL 863, O.S. Sheet Kildare 16, 17, Scale 1:10,560 |
| I.P Resistivity survey map Boston - Allenwood area on PL's 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Resistivity survey map for PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P Resistivity survey map for PL 1632, O.S. Sheet Kildare 23, Scale 1:10,560. |
| I.P Resistivity survey map for PL 863, O.S. Sheet Kildare 16, 17, 21, 22, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 1624 + 1625, O.S. Sheet Kildare 33, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 1624 + 1625, O.S. Sheet Kildare 34, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P Resistivity survey map for PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Resistivity survey map on PL 1632, on PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P Resistivity survey map on PL's 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P Resistivity survey map on PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P survey lines, Straffan Grid, PL's 3433 and 3434 (7 pages) Kildare 14, 19. |
| I.P. Chargeability survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P. Chargeability survey map on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P. Chargeability survey map on PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| I.P. Chargeability survey map on PL's 863, 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P. Chargeability survey map, including location for drillhole 1630/10, Boston - Allenwood area for PL's 1630 + 1631, O.S. Sheet Kildare 8, Scale 1:10,560. |
| I.P. Resistivity survey (compilation) map on PL 863, O.S. Sheet Kildare 12, 17 + 22, Scale 1:10,560. |
| I.P. Resistivity survey (compilation) map on PL 863, O.S. Sheet Kildare 12, 17 + 22, Scale 1:10,560. |
| I.P. Resistivity survey map on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| I.P. Resistivity survey map on PL 1632, O.S. Sheet Kildare 19, Scale 1:10,560. |
| I.P. Resistivity survey map on PL's 1629 + 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| I.P. Resistivity survey map on PL's 1629, 1630 + 1631, O.S. Sheet Kildare 12, Scale 1:10,560. |
| I.P. Resistivity survey map on PL's 1630 + 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Index map of the Kilbeggan area, Cos. Kildare, Laois, Offaly + Westmeath (1" OS sheets 109, 118 + 119), (Plate 1) |
| Index map of the Kilbeggan area, Cos. Kildare, Offaly, Laois + Westmeath (1" OS sheets 109, 110, 118 + 119) |
| Induced polarisation + resistivity survey map for PLs 3330 + 3332 Kildare (Scale 1:25,000ft) |
| Induced polarisation and Resistivity survey grid, PL 863 Rathangan area, Co. Kildare, Lines 120E, 117E, 114E, 111E, 108E, 105E, 102E, 99E, 96E, 93E, 90E, Scale 1" = 200ft, Plate no.9. |
| Induced polarisation and Resistivity survey grid, PL 863 Rathangan area, Co. Kildare, Scale 1 : 2500, Plate 8a. |
| Induced polarisation survey on Balrahan, Co. Kildare (3 pages) |
| Induced polarization + Gravity survey report Allenwood Co. Kildare Feb. 1977 on PL 1629, (16 pages). |
| Induced polarization and resistivity survey - Grid Base map, Allenwood area, Co. Kildare PL 1629, Horizontal scale 1" = 200ft, Plate A-4. |
| Induced polarization and resistivity survey map, Lines 00, 1W, Allenwood area, Co. Kildare PL 1629, Horizontal scale 1" = 200ft, Plate A-2. |
| Induced polarization and resistivity survey map, Lines 10N to 4N, 2N, 00, Allenwood area, Co. Kildare PL 1629, Horizontal scale 1" = 200ft, Plate A-1. |

| |
|---|
| Induced polarization and resistivity survey map, Lines 11N, 10N, 9N, Allenwood area, Co. Kildare PL 1629, Horizontal scale 1" = 200ft, Plate A-3. |
| Induced polarization and resistivity survey of PL 1211 (Whitechurch area, Co. Kildare) Plate W 2. |
| Induced polarization and resistivity survey of PL 1211 (Whitechurch area, Co. Kildare) Plate W1. |
| Induced polarization and resistivity survey, Lines 6, 7, a= 200ft, N=2, PL 863 Rathangan, Co. Kildare, Scale 6" : 1 mile, Plate R-1. |
| Induced polarization survey Allenwood area, Co. Kildare, November 1976, (13 pages). |
| Induced polarization, Gradient and Pole - Dipole arrays, Lines 23N, 24N, PL 1629 Allenwood, Co. Kildare, Plate A-6. |
| Induced polarization, Gradient and Pole - Dipole arrays, Lines 30N, 21, 12N, PL 1629 Allenwood, Co. Kildare, Plate A-7. |
| Interim report for PL 1632 Rickardstown, Co. Kildare, (12 pages). |
| Interim report on licences 1333 and 3611 Co's Meath, Kildare January 1990 (2 pages). |
| Interim report on PL 3547 Co. Kildare for the one year period ending August 1989 (1 page). |
| Interim report on PL's 1608, 3433 + 3434, Co. Kildare, (2 pages). |
| Interim report on PL's 2516, 3610, Co. Kildare for the one year period ending January 15th, 1991, (3 pages). |
| Interim report on PL's 3329 and 3331, Co. Kildare for the period 1988 - 1989 (2 pages). |
| Interim report on PL's 3433 and 3434, Co. Kildare for one year period ending December 18 '84. 2 pages. |
| Interim report on PLs 2421, 2429, 3137-3139, 3157 + 3292 Cos Dublin , Kildare + Wicklow dated March 13th. 1989 (2 pages + geochemistry map) |
| Interim report to GSI on PL's 3547 and 2549, Co. Kildare PL 3549, (1 page). |
| Interpretation of Drift Features Block 'E' , PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, DWG No. 2. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14a. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14b. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14c. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14d. |
| IP + Resistivity dipole - dipole array survey Harberton, Co. Kildare, Scale 1: 2500, Fig. 14e. |
| IP + Resistivity survey map for PL 3330 Celbridge area Co. Kildare (Scale 6" : 1 mile) |
| IP + Resistivity survey map for PL 3330 Celbridge area Co. Kildare. |
| IP + Resistivity survey map for PL 3332 Celbridge area Co. Kildare. |
| IP + Resistivity survey Milltown PL 3547 Line 1 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 2 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 3 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 4 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 5 Kildare 23. |
| IP + Resistivity survey Milltown PL 3547 Line 6 Kildare 23. |
| IP + resistivity survey of PL 723 Betaghstown area Co Kildare (1":200') Plate 5 |
| IP + resistivity survey of PL 723 Betaghstown area Co Kildare (1:2500) Plate 5A |
| IP and resistivity survey (chargeability) on PL's 2823 and 2824 - 6" Kildare 23. |
| IP and resistivity survey of PL's 1243-4, Kildare - Adamstown area - 6" Westmeath 24 7 25 (includes location of VES 1-8), Fig. 2 |
| IP and Resistivity Survey on PL 890,chargeability values Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| IP and resistivity survey on PL's 2823 and 2824 - 6" Kildare 23. |
| IP and Resistivity Survey on PLs 1606, 1609, 1610 - Kildare February March 1985 (15 pages incl. location map chargeability + resistivity assays on Lines 6250 to 11500) |
| IP chargeability survey on PL 1608 - 6" Kildare 18. |
| IP chargeability survey on PL 1608 - 6" Kildare 18. |
| IP chargeability survey on PL 2824 - 6" Kildare 24. |
| IP grid Milltown PL 3547 N=2 (Scale 6" : 1 mile) Kildare 23. |
| IP resistivity survey on PL 1608 - 6" Kildare 18. |
| IP resistivity survey on PL 1608 - 6" Kildare 18. |
| IP resistivity survey on PL 2824 - 6" Kildare 24. |
| IP survey of PL 564 Boston Hill area Co Kildare (1":400') Plate 2 |
| IP survey of PL 591 Lattins Bog area Co Kildare (1":400') Plate 3 |
| IP survey of PL 591 Lattins Bog area Co Kildare (1":400') Plate 4 |
| IP survey of PLs 564 + 591 Lattins Bog area Co Kildare (1":400') Plate 3 |
| IP Survey Rose Lawn area Co. Kildare (3 pages) |
| IP/Resistivity survey (Chargeability) Milltown grid Co Kildare on PL 1632 (Scale 1:25,000) |
| IP/Resistivity survey (Chargeability) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (Chargeability) of Allenwood middle grid Co Kildare on PL 1629, (Scale 1:25,000) |
| IP/Resistivity survey (Chargeability) of Allenwood middle grid Co Kildare on PL 1629, (Scale 1:25,000) |
| IP/Resistivity survey (Compliation map - chargeability) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (dipole - dipole) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (Resistivity) Milltown grid Co Kildare on PL 1632 (Scale 1:25,000) |
| IP/Resistivity survey (Resistivity) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (Resistivity) of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey (Resistivity) of Allenwood middle grid Co Kildare on PL 1629, 1631 (Scale 1:25,000) |
| IP/Resistivity survey gradient array, (Chargeability), Rickardstown Co Kildare on PL 1632 (Scale 1:25,000) |
| IP/Resistivity survey gradient array, (Resistivity), Rickardstown Co Kildare on PL 1632 (Scale 1:25,000) |
| IP/Resistivity survey map Baronstown Co Kildare on PL 1632 (Scale 1:2500) |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| IP/Resistivity survey map for Rickardstown are Co Kildare on PL 1632, (Scale 1:10560) |
| IP/Resistivity survey map, Chargeability, Baronstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Chargeability, Roseberry Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Chargeability, Scarletstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Resistivity, Baronstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Resistivity, Roseberry Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey map, Resistivity, Scarletstown Co Kildare on PL 1632 (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629 (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629, (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629, (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629, (Scale 1:2500) |
| IP/Resistivity survey of Allenwood Co Kildare on PL 1629, 1629, 1631 (Scale 1:25,000) |
| IP/Resistivity survey of Allenwood middle grid Co Kildare on PL 1629, (Scale 1:25,000) |
| IP/Resistivity survey of Bodenbridge Co Kildare on PL 1629, (Scale 1:2500) |
| Keys to symbols used on graphic logs and stratigraphy sequences in Church Zone - HB67, HB108, HB118, PL's 1604 + 1607, Co. Kildare, (5 pages). |
| Keys to symbols used on graphic logs and stratigraphy sequences in Hill Zone - Deep Mineralisation HB65 - HB65A, RHB75, PL's 1604 + 1607, Co. Kildare, (5 pages). |
| Keys to symbols used on graphic logs and stratigraphy sequences in Hill Zone - Shallow Mineralisation RHB56 - RHB66, RHB74 - BHB77, HB116, HB123, PL's 1604 + 1607, Co. Kildare, (5 pages). |
| Kilcock Deep Overburden Traverses - Copper, PL 1318, Kilcock, Co. Kildare (Scale 1:10,560) O.S. Sheets Kildare 5 + 6 (Fig. 5a) |
| Kilcock Deep Overburden Traverses - Lead, PL 1318, Kilcock, Co. Kildare (Scale 1:10,560) O.S. Sheets Kildare 5 + 6 (Fig. 5b) |
| Kilcock Deep Overburden Traverses - Zinc, PL 1318, Kilcock, Co Kildare (Scale 1:10,560) O.S. Sheets Kildare 5 + 6 (Fig. 5c) |
| Kilcock Soil Geochemistry, Copper, PL 1316 Co. Kildare (Fig. 2a) |
| Kilcock Soil Geochemistry, Lead, PL 1316 Co. Kildare (Fig. 2b) |
| Kilcock Soil Geochemistry, Zinc, PL 1316 Co. Kildare (Fig. 2c) |
| Kilcock soil sampling copper (Scale 1:10,560) O.S. Sheet Kildare 5, 6, 9, 10, PL 1318. (Fig 4a) |
| Kilcock soil sampling lead (Scale 1:10,560) O.S. Sheet Kildare 5, 6, 9, 10, PL 1318. (Fig. 4b) |
| Kilcock soil sampling zinc (Scale 1:10,560) O.S. Sheet Kildare 5, 6, 9, 10, PL 1318. (Fig. 4c) |
| Kilcock, PL 1316, Location map, Scale 1:250,000 Co. Kildare (Fig. 1a) |
| Kilcock, PL 1316, Work completed, Scale 1:63,360 Co. Kildare (Fig. 1b) |
| Kildare 13 Pionjar Sampling PL 1604, Scale 1: 10,560. |
| Kildare 17 Geology and geochemistry map on PL 1632 (Scale 1:10,560). |
| Kildare 18 Geology and geochemistry map on PL 1632 (Scale 1:10,560). |
| Kildare 21 Geology and geochemistry map on PL 1634 (Scale 1:10,5650). |
| Kildare 21 Geology and geochemistry map on PL's 1634 and 2592 (Scale 1:10,5650). |
| Kildare 23 Geology and geochemistry map on PL 1632 (Scale 1:10,560). |
| Kildare 26 Geochemical survey map on P's 1634 and 2592 (Scale 1:10,5650). |
| Kildare 27 Geochemical survey map on PL's 1634, 2592 and 2593 (Scale 1:10,5650). |
| Kildare 6" sheetNo. 17 Drill hole locations licence 600 |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section AB, PL 1629, Scale as shown, Fig. 8. |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section BC, PL 1629, Scale as shown, Fig. 9. |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section DE, PL 1632, Scale as shown, Fig. 10. |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section FG, PL 1632, Scale as shown, Fig. 11. |
| Kildare Gravity - Residual Bouguer Anomaly with Interpretted model, Section HI, No PL, Scale as shown, Fig. 12. |
| Kildare sheet 20 on PL 3157 (Scale 1:10,560). |
| Kildare sheet 32 on PL 3796 (Scale 1:10,560). |
| Kildare sheet 36 on PL 3796 (Scale 1:10,560). |
| Kildare.jpg KildarePLs.jpg |
| Kilkea demesne detailed geochemistry PL 1928 - 6" Kildare 37 (Cu) |
| Kilkea demesne detailed geochemistry PL 1928 - 6" Kildare 37(Pb) |
| Kilkea demesne detailed geochemistry PL 1928 - 6" Kildare 37(Zn) |
| Landsat lineaments map Kildare block, Scale 1/2" : 1 mile, map 18. |
| Landsat TM- Band 4 (nIR) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Band 4 (nIR) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 321 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 321 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 431 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 431 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 524 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 524 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 741 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Landsat TM- Bands 741 (rgb) for PL's 1317 + 1318, Maynooth Area, Co. Kildare, Dated Jan 2001 (Scale 1:100,000) |
| Letter from Annraoi Milner Re. Log BS-1, PL 3549, Co. Kildare. |
| Licence renewal report for PL 1608 Co. Kildare, (4 pages). |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| List of Pionjar results, PL 3427 Monasterevin, Co. Kildare, (3 pages). |
| Lithological description of outcrops, No PL, O.S. Sheet Kildare 17, Scale 1:10,560. |
| Lithology of Borehole RND 1 Clane Block, Co. Kildare, PL 3330. |
| Location gravity map on PL 863 Rathangan area, Co. Kildare, Scale 1" : 880'. |
| Location map for 'E' block licences, PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, Fig. 1. |
| Location map for drill holes, PL 1607, Co. Kildare. |
| Location map for Drillhole no. CG - 1, PL 1608, O.S. Sheet Kildare 18. |
| Location map for Drillholes MND2 + MND3, PL 3649 O.S. Sheet Kildare 21, Scale 1 : 10,560, Fig. 4. |
| Location Map for PL 1317, Taken from Kildare 6" Sheets 5+10 (Scale 1:200,000) |
| Location Map for PL 1318, Taken from Kildare 6" Sheets 5+10 (Scale 1:200,000) |
| Location map for PL 3610 Monasterevin, Co. Kildare. |
| Location map for PL 3649 Co. Kildare, Scale 1 : 250,000, Fig. 1. |
| Location map for PL 3649 Monasterevin, Co. Kildare, Scale 1 : 250,000. |
| Location map for PL's 1624 - 1656, Co's Kildare, Laois and Offaly, Scale 1": 1 mile. |
| Location map for PL's 3330 and 3331 Clane Co. Kildare Scale 1:250,000. |
| Location map Kilcock Block, Co. Kildare, PL's 1317 and 1318 (Scale 1:250,000). Fig. 1 |
| Location map of Clane, Co. Kildare, PL 3330, Scale 2cm:5km, Fig. 1. |
| Location map of DDHs CN/RL 4 + CN/RL 5 on PLs 1602, 1605 - 6" Kildare 14,15, Dublin 20, 21 |
| Location map of drill hole BS - 1 Co. Kildare on PL 3549, Part of O.S. Sheet Kildare 8, Part of O.S. Sheet Kildare 8. |
| Location map of Drillhole BS - 1, Ballyshannon Co. Kildare on PL 3549. |
| Location map of Hole No: 93-HB-3, PL 1607, Part of 25" Sheet Kildare 13, Scale 1 : 10,560. |
| Location map of Hole No: 93-HB-4, PL 1607, Part of 25" Sheet Kildare 13, Scale 1 : 10,560. |
| Location map of mineralized boulders on PL 863 Rathangan, Co. Kildare, Scale 6":1 mile. |
| Location map of PL 1641 Monasterevin, Co. Kildare, Sept. 1997, Scale 1 : 250,000. |
| Location map of PL 3330 Clane, Co. Kildare, Scale not shown, Fig. 1. |
| Location map of PL 3427 Monasterevin, Co. Kildare, Fig. 1. |
| Location map of PL 3427 Monasterevin, Co. Kildare. |
| Location map of PL 3649 Monasterevin, Co. Kildare, Scale 1 ; 200,000, Fig. 1. |
| Location map of PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 250,000, Fig. 1. |
| Location map on PL 2518, Co. Kildare, Fig. 1. |
| Location map PL 3549, Co. Kildare, Scale 1: 100,000, Fig. 1 |
| Location map PL's 1333, 1601, 3611 and 3614 Co's Meath and Kildare (Scale 1:25,000). |
| Location map PL's 1333, 1601, 3611 and 3614 Co's Meath and Kildare (Scale 1:25,000). |
| Location map PL's 2062, 3374, Longwood, Co.'s Offaly and Kildare, (Scale 1 : 200,000) Fig. 1. |
| Location map PL's 3611, 1333, 1601 and 3614 Co's Meath and Kildare (Scale 1:10,560). |
| Location map prospecting licences under active explorations in NE Co. Kildare |
| Location map, O.S. Sheet Kildare 13, PL 1604. |
| Location of DDH KLD1 (Whitechurch townland, Straffan, Co. Kildare) on PL 1211 (Kildare 14) Fig. 7. |
| Location of Drillhole No: HB 120, Scale 1: 10,560, O.S. Sheet Kildare 17. |
| Location of Drillhole No: HB 155, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 156, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 157, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 158, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 159, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 160, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 161, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 162, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 163, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 164, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 165, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 166, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 79A, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillhole No: HB 83A, Scale 1: 10,560, O.S. Sheet Kildare 13. |
| Location of Drillholes MND4 + MND5, PL 3427 Monasterevin, Co. Kildare, Fig. 6. |
| Location of I.P. traverses for PL 2593, Kildare block, Scale 1 : 10,560, O.S. Sheets Kildare 22 + 27. |
| Location of panned concentrate sample sites PL 3157 Results for Au, Ag, As, Cu, Pb, Zn (1 : 20,000) Kildare 20. |
| Location of panned concentrate sample sites PL 3157 Results for Au, Ag, As, Cu, Pb, Zn (1 : 20,000) Kildare 21. |
| Location Plan for PL's 1600 - 1610, Co's Kildare, Meath and Dublin, Scale 1: 350,000, Fig. 1. |
| Location plan of I.P and Resistivity Survey Grid, PL 1629, O.S Sheet Kildare 13-9, Scale 1:2500. |
| Location plan of PL's 1600 - 1610, (surrendered licences highlighted), Co's Kildare, Meath and Dublin, Scale 1:350,000, Fig. 1. |
| Log of DDH 723/1 on PL 723 Betagstown Co Kildare (1 page) Final depth - 201' |
| Log of DDH 723/10 on PL 723 Betagstown Co Kildare (1 page) Final depth - 160' |
| Log of DDH 723/2 on PL 723 Betagstown Co Kildare (1 page) Final depth - 185' |
| Log of DDH 723/3 on PL 723 Betagstown Co Kildare (1 page) Final depth - 209' |
| Log of DDH 723/4 on PL 723 Betagstown Co Kildare (1 page) Final depth - 191' |
| Log of DDH 723/5 on PL 723 Betagstown Co Kildare (1 page) Final depth -162' |

| |
|--|
| Log of DDH 723/6 on PL 723 Betagstown Co Kildare (1 page) Final depth - 161' |
| Log of DDH 723/7 on PL 723 Betagstown Co Kildare (1 page) Final depth - 178' |
| Log of DDH 723/8 on PL 723 Betagstown Co Kildare (1 page) Final depth - 192' |
| Log of DDH 723/9 on PL 723 Betagstown Co Kildare (1 page) Final depth - 161' |
| Log of DDH BDK17 on PL 1243, Kildare area, Moate - 6" Westmeath 24 (1 page) |
| Log of DDH BDK18 on PL 1243, Kildare area, Moate - 6" Westmeath 24 (1 page) |
| Log of DDH BDK9 on PL 1244, Kildare area, Moate, Co. Westmeath (1 page) |
| Magnetic intensity (vertical) interpretation on PLs 1602,1603, 1605, 1606, 1610. 6" Kildare 10, 11. |
| Magnetic intensity (vertical) interpretation on PLs 1605,1606, 1609, 1610. 6" Kildare 13 and 14. |
| Magnetic intensity (vertical) interpretation on PLs 1606, 1610 6" Kildare 14, 15. |
| Magnetic intensity (vertical) interpretation on PLs 1608, 1609, 6" Kildare 18, 19. |
| Magnetic Intensity - Vertical - Block 'E' , PL's 1600 - 1610, Co's Kildare + Meath, Scale 1" = 1 mile, DWG No. 5. |
| Magnetic Intensity - Vertical - Interpretation Block 'E' , PL's 1600 - 1610, Co's Kildare + Meath, Scale 1" = 1 mile, DWG No. 6. |
| Magnetic intensity, vertical interpretation(1 : 10,560) Kildare 10 + 11, PLs 1602, 1603, 1605, 1606, 1610 + 1318 |
| Magneto-telluric survey of PL's 1242 + 1243, Kildare area, Moate - 6" Westmeath 24, (fig. 5) |
| Magneto-telluric survey of PL's 1243 + 1244, Kildare area, Co. Westmeath - data plots (Lines A-E, Plates K2-K6, fig. 6), (5 pages) |
| Map of Copper in soils on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 5a |
| Map of DDH locations on PL 1211 (Kildare 14) Fig. 3. |
| Map of Deep Overburden Sampling - Pionjar, Copper in ppm, PL 3649 Monasterevin area, Co. Kildare, Fig. 3a. |
| Map of Deep Overburden Sampling - Pionjar, Cu, Pb, Zn + Depth(m), PL 3649 Monasterevin area, Co. Kildare, Fig. 3d. |
| Map of Deep Overburden Sampling - Pionjar, Lead in ppm, PL 3649 Monasterevin area, Co. Kildare, Fig. 3b. |
| Map of Deep Overburden Sampling - Pionjar, Zinc in ppm, PL 3649 Monasterevin area, Co. Kildare, Fig. 3c. |
| Map of Derrinturn Grid, IP effect, Fig. 1, PL3549, Co. Kildare, (Scale 1 : 10,560) |
| Map of Derrinturn Grid, resistivity, Fig. 2, PL3549, Second Separation, Co. Kildare, (Scale 1 : 10,560) |
| Map of drill section through DHs 863/1, 863/2 and 863/6 PL 863, Rathangan, Co. Kildare, Scale 1:2500. |
| Map of Geology and Drillholes PL 3649 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 2. |
| Map of Lead in soils on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 5b |
| Map of Pionjar soil sample sites Cu, Pb, Zn and Depth in metres, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 20, 000, Fig. 4a. |
| Map of Pionjar soil sample sites Fe, Mn, Mg and Depth in metres, PL 3427 Monasterevin, Co. Kildare, Scale 1 : 20, 000, Fig. 4b. |
| Map of Regional Gravity data Euler sections, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 3a. |
| Map of Regional Gravity data Euler sections, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 3b. |
| Map of Roselawn Grid, IP Survey about a buried electrode - Chargeability, Celbridge Co. Kildare, PL 3330, Fig. 3. |
| Map of Roselawn Grid, IP Survey about a buried electrode - Resistivity, Celbridge Co. Kildare, PL 3330, Fig. 4. |
| Map of Roselawn Grid, Mise A La Masse, Chargeability, Celbridge Co. Kildare, PL 3330, Fig. 2. |
| Map of Roselawn Grid, Mise A La Masse, Potential, Celbridge Co. Kildare, PL 3330, Scale 1:10,560, Fig. 1. |
| Map of Soil Geochemistry - Copper in ppm, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 4a. |
| Map of Soil Geochemistry - Lead in ppm, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 4b. |
| Map of Soil Geochemistry - Zinc in ppm, PL's 1641 + 3427 Monasterevin, Co. Kildare, Scale 1 : 50,000, Fig. 4c. |
| Map of VLF data Fraser Filter, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3i. |
| Map of VLF data Fraser Filter, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3j. |
| Map of VLF data in - Phase, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3e. |
| Map of VLF data in - Phase, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3f. |
| Map of VLF data Phase angle, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3c. |
| Map of VLF data Phase angle, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3d. |
| Map of VLF data Quad Phase, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3g. |
| Map of VLF data Quad Phase, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3h. |
| Map of VLF data Resistivity, Clane, Co. Kildare, PL 3330, O.S. Sheet 10, Scale 1:10,560, Fig. 3a. |
| Map of VLF data Resistivity, Clane, Co. Kildare, PL 3330, O.S. Sheet 11, Scale 1:10,560, Fig. 3b. |
| Map of Zinc in soils on PL 3549, Co. Kildare, Scale 2cm = 1km, Fig. 5c |
| Map showing location of Drill Hole No: 1604/1, PL 1604 Co. Kildare. |
| Map showing location of Drill Hole No: 1604/2, PL 1604 Co. Kildare. |
| Map showing location of Drill Hole No: HB153, PL 1607 Co. Kildare. |
| Map showing location of Drill Hole No: HB154, PL 1607 Co. Kildare. |
| Map showing location of Drill Hole No: HB156, PL 1607 Co. Kildare. |
| Map showing location of drillholes 863/3, /4 + /5, Kiltaghan north, Co. Kildare, O.S. Sheet Kildare 16. |
| Map Showing rock samples and assays on PL 3793, Co. Kildare (Scale 1" : 1 mile). |
| Map Showing rock samples and assays on PL 3794, Co. Kildare, (Scale 1" : 1 mile). |
| Marathon short drillhole logs, PL 3427 Monasterevin, Co. Kildare, Drillhole nos.1634/1 - 1634/12, (2 pages).. |
| Marathon shortholes, Log of 1641/10 on PL 1641 Monasterevin, Co. Kildare, Length 21.5m, 1/7 page. |
| Marathon shortholes, Log of 1641/11 on PL 1641 Monasterevin, Co. Kildare, Length 39.65m, 1/7 page. |
| Marathon shortholes, Log of 1641/12 on PL 1641 Monasterevin, Co. Kildare, Length 44m, 1/7 page. |
| Marathon shortholes, Log of 1641/13 on PL 1641 Monasterevin, Co. Kildare, Length 24m, 1/7 page. |
| Marathon shortholes, Log of 1641/14 on PL 1641 Monasterevin, Co. Kildare, Length 42.8m, 1/7 page. |
| Marathon shortholes, Log of 1641/7 on PL 1641 Monasterevin, Co. Kildare, Length 15.5m, 1/7 page. |
| Marathon shortholes, Log of 1641/8 on PL 1641 Monasterevin, Co. Kildare, Length 24m, 1/7 page. |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Marathon shortholes, Log of 1641/9 on PL 1641 Monasterevin, Co. Kildare, Length 26.5m, 1/7 page. |
| Maturation and Micropalaeontology dates from drillcores in the Clane area, Co. Kildare. Dated 11th October 1984 (10 pages) |
| Maynooth maturation in PL's 3329, 3330, Co. Kildare, Fig. 2. |
| Mercury and M.T survey of PL's 1208 - 1211 (Kildare 28) (Hg) Fig. 6. |
| Micro palaeontology report on drillcores from Wheatfield Co. Kildare on PL 2709 (11 pages) |
| Micropalaeontological Sampling sites Block 'E', PL's 1600 - 1610, Co. Kildare, Scale 1" = 1 mile, DWG No. 1. |
| Micropalaeontology report on Borehole CN/RL - 4, Co. Kildare, dated 12th April 1985, PL 1610 (18 pages) |
| Micropalaeontology report on Borehole CN/RL - 5, Roselawn, Co. Kildare, dated 4th June 1985. PL 1610 (7 pages) |
| Micropalaeontology report on PL 863 Co. Kildare, (1 page). |
| Micropalaeontology report on short Visean boreholes from the Clane area, Co. Kildare. Dated 28th May 1985 (9 pages) |
| MND4 drill log PL 3427, Length 130.6m, Monasterevin, Co. Kildare, Scale 1 : 500, Fig. 7a. |
| MND4 drill log PL 3427, Length 74m, Monasterevin, Co. Kildare, Scale 1 : 500, Fig. 7b. |
| Mo + W in streams PLs 1926-1929 1" OS sheets 128-129 + 137-138 Cos Carlow + Kildare |
| Monasterevin Soil Geochemistry - Zinc map of PL 3649 Co. Kildare, Scale 1cm : 1km, Fig. 6. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 1, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 1, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 2, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 2, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map (Resistivity and Chargeability) on PL 1631 Timahoe prospect, Pseudosection 3, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 100ft. |
| Multi array induced polarization map Boston - Allenwood area Line 101 + 50E on PL 1632, O.S. Sheet Kildare 18, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line 114E on PL 1632, O.S. Sheet Kildare 18, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line A on PL 1632, O.S. Sheet Kildare 17, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line A on PL 1632, O.S. Sheet Kildare 18, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line B on PL 1632, O.S. Sheet Kildare 17, Scale 1" : 200'. |
| Multi array induced polarization map Boston - Allenwood area Line B on PL 1632, O.S. Sheet Kildare 18, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1629, Line 236E, O.S. Sheet Kildare 12, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1629, Line 36N, O.S. Sheet Kildare 12, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12 - 16, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12 - 16, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12 - 16, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 12, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 13 - 9 + 10, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 13, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 8, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 8, Scale 1:200'. |
| Multi array induced polarization map on PL 1629, O.S. Sheet Kildare 8, Scale 1:200'. |
| Multi array induced polarization map on PL 1630, Line 136N, O.S. Sheet Kildare 8, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1630, Line 168N, O.S. Sheet Kildare 12, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1630, Line 320E, O.S. Sheet Kildare 8, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1630, Line 328E, O.S. Sheet Kildare 8, Scale 1" : 200'. |
| Multi array induced polarization map on PL 1630, O.S. Sheet Kildare 8, Scale 1:200'. |
| Multi array induced polarization map on PL 1630, O.S. Sheet Kildare 8, Scale not shown. |
| Multi array induced polarization traverses map (Resistivity and Chargeability) on PL 1631, O.S. Sheet Kildare 9 - 14, 13 - 2, Scale 1" = 200ft. |
| Normalised and interpreted curves and data sets for AW - 126, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 127, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 128, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 129, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 130, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 131, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 132, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 133, O.S. Sheet Kildare 18, (4 pages). |
| Normalised and interpreted curves and data sets for AW - 134, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 135, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 136, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 137, O.S. Sheet Kildare 18, (2 pages). |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Normalised and interpreted curves and data sets for AW - 138, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 139, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 140, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 141, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 142, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 143, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 144, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 145, O.S. Sheet Kildare 18, (2 pages). |
| Normalised and interpreted curves and data sets for AW - 146, O.S. Sheet Kildare 18, (2 pages). |
| NW - SE section 100NE - Harberton Bridge area, Co. Kildare, Scale 1: 1000, Fig. 20. |
| NW - SE section 500NE - Harberton Bridge area, Co. Kildare, Scale 1: 1000, Fig. 22. |
| Overburden and diamond drill site locations on PL's 2060 and 2062 (Kildare 2 and 3) (Fig. 10). |
| Overburden drill site locations on PL's 2060 and 2062 (Kildare 2 and 3) (Fig. 3). |
| Overburden geochemistry: Reconnaissance sampling sites on PL's 2060 and 2062 (Kildare 2) (Fig. 7). |
| Overburden mapping Kildare 12-7, 12-8, 12-12 on PL's 1629 + 1630. |
| Overburden sampling compilation map (portable drill) on PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Overburden sampling compilation map (portable drill) on PL 863, 1629 + 1630, O.S. Sheet Kildare 12, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1629 + 1630, O.S. Sheet Kildare 12, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1629 + 1631, O.S. Sheet Kildare 13 - 10, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1629, O.S. Sheet Kildare 12 - 12, Scale 1:2500. |
| Overburden sampling compilation map (tractor drill) on PL 1630, O.S. Sheet Kildare 8, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| Overburden sampling compilation map (tractor drill) on PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Overburden sampling compilation map - Kildare 8 on PL's 1630, 1631, 2061 (Scale 1:10,560). |
| Overburden sampling compilation map - Kildare 8 on PL's 1630, 1631, 2061 (Scale 1:10,560). |
| Overburden sampling compilation map for PL 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| Overburden sampling compilation map for PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Overburden sampling compilation map of Kildare 13 on PL 1608, 1629 + 1631 - (Scale 1: 10,560). |
| Overburden sampling compilation map of Kildare 13 on PL 1608, 1629 and 1631 - (Scale 1:10560). |
| Overburden sampling compilation map of Kildare 9 on PL 1608, 1629 and 1631 - (Scale 1:10,560) |
| Overburden sampling compilation map of Kildare 9 on PL 1630 and 1631 - 1: (Scale 1:10,560). |
| Overburden sampling compilation map on PL 1630, O.S. Sheet Kildare 12, Scale 1:10,560. |
| Overburden sampling compilation map on PL 1630, O.S. Sheet Kildare 8, Scale 1:10,560. |
| Overburden sampling compilation map on PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL 2061 - 6" Kildare 8 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL's 1634 and 2592 - 6" Kildare 21 (Cu, Pb, Zn). |
| Overburden sampling compilation on PL's 1634 and 2592 - 6" Kildare 27 (Cu, Pb, Zn). |
| Overburden sampling Kildare O.S. 25":1Mile 22/5, November 1981 |
| Overburden sampling map (tractor drill) area: Rathangan (BC) on PL 863, Cu, Pb, Zn values, O.S. Sheets Kildare 12, 17, Scale 6":1mile. |
| Overburden sampling map (tractor drill) Cu, Pb, Zn for PL 1629 Allenwood South area, O.S. Sheet Kildare 12 - 12, Scale 1:2500. |
| Overburden sampling map (tractor drill) Cu, Pb, Zn for PL's 1629 + 1630 Allenwood North area, O.S. Sheet Kildare 12 - 8, Scale 1:2500. |
| Overburden sampling map of Kildare 12 on PL 1629 - (Scale 1:10,560). |
| Overburden sampling map of Kildare 12-8 on PL 1629 - (Scale 1:10,560). |
| Overburden sampling map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig 6 |
| Overburden thickness PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Part of 6" Sheet Kildare 13, PL 1604, Scale 1: 10,560. |
| Part of 6" Sheet Kildare 13, PL 1604. |
| Part of 6" Sheet Kildare 13, PL 1607, Scale 1: 10,560. |
| Part of 6" Sheet Kildare 18, PL 1607, Scale 1: 10,560. |
| Part of Kildare sheet 17/14 drill hole locations licence 600, scale 1:25000 |
| Pb Cobra/ Bedrock map for PL 1632, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| Pionjar Drilling (holes 75/1 -11 Anomaly 75) on PL1606 25" Kildare 11/4 Killeenlea |
| Pionjar Drill (holes W/1-218, N/1- 121, 70/1 - 30 Anoms. 65, 75, 88) on PLs 1602, 1606, 1610, 1" Kildare 10,11, 14, 15, Dublin 17, 20, 20a, 21, (Zn) |
| Pionjar Drilling (holes 80/1 -13 Anomalies 80,81,) on PL 1603, 25" Kildare 11/1 Donaghmore |
| Pionjar Drilling (holes W/1 - 218, N/1 - 121, 70/1-30, Anoms. 65, 75, 88) On PLs 1602, 1606, 1610, 6" Kildare 10, 11, 14, 15, Dublin 17, 20, 20a, 21. (Pb). |
| Pionjar Drilling on PL 1605 6" Kildare 9, 10, 13, 14, Clane to Prosperous (Pb) |
| Pionjar Drilling on PL 1605, 6" Kildare 9, 10, 13, 14 Clane to Prospeous (Zn) |
| Pionjar Drilling on PLs 1602, 1606, 1610 - 6" Kildare 10, 11, 14, 15, Dublin 17, 20, 20A, 21 (Pb) |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Pionjar results on PL 1609 - 6" Kildare 14, (Cu, Pb, Zn) |
| Pionjar sampling (1 : 10,156) Kildare 10, PL 1317, 1318, 1602 + 1605 |
| Pionjar sampling (1 : 10,560) Kildare 3, PL 1316 |
| Pionjar sampling (1 : 10,560) Kildare 4, PLs 1316 + 1317 |
| Pionjar sampling (1 : 10,560) Kildare 4, PLs 1316 + 1317 |
| Pionjar sampling (1 : 10,560) Kildare 9, PL 1317 |
| Pionjar sampling (Cu values ppm), PL 3549, Co. Kildare (Scale 1: 25,000) Fig. 8 |
| Pionjar sampling (Pb values ppm), PL 3549, Co. Kildare (Scale 1: 25,000) Fig. 9 |
| Pionjar sampling + drill hole locations on PL 1610 - 25" Kildare 14/15, (Cu, Pb, Zn) (Wheatfield) |
| Pionjar sampling on PL 1605, 6" Kildare 14 (Cu, Pb, Zn). |
| Pionjar sampling on PL 1606, 1609 - 25" Kildare 14/8, 12, (Cu, Pb, Zn) |
| Pionjar Sampling on PL 1610 - 25" Kildare 14.15 (Wheatfield) (Cu, Pb, Zn), Sheet 1 |
| Pionjar Sampling on PL 1610 - 25" Kildare 14.15 (Wheatfield) (Cu, Pb, Zn), Sheet 2 |
| Pionjar sampling on PL 1610 - 25" Kildare 14/15, (Zn, Pb) (Wheatfield) |
| Pionjar sampling on PL1605 - 6" Kildare 14 (Cu, Pb, Zn) |
| Pionjar sampling on PLs 1602, 1603, 1606 - 6" Kildare 11, (Cu, Pb, Zn) |
| Pionjar sampling on PLs 1602, 1603, 1606, 6" Kildare 11 (Cu, Pb, Zn). |
| Pionjar sampling on PLs 1602, 1605 - 6" Kildare 10, (Cu, Pb, Zn) |
| Pionjar sampling on PLs 1602, 1605, 1606, 6" Kildare 10. (Cu, Pb, Zn). |
| Pionjar sampling PL 1606, 1609 - 25" Kildare 14/8, 14/12, (Cu, Pb, Zn) |
| Pionjar Sampling(Au) at Moorhill Co. Kildare O.S. Sheet Kildare 29,(Scale 1 : 2500) |
| Pionjar Sampling, PL 1608, Scale 1: 10,560, O.S. Sheet Kildare 18. |
| Pionlar sampling (1 : 10,560) Kildare 10, PLs 1318 + 1605 |
| Plan of Apparent Resistivity - First Separation, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Plan of Apparent Resistivity - Second Separation, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Plan of Chargeability - First Separation, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Plan of Chargeability - Second Separation, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Plan of section of DDHs BDK1 - BDK9 on PL 1244, Kildare + Westmeath (Final Depths 195', 103, 59' 60", 110', 95', 170' + 317'), Scale 1":40' - includes location map |
| Plans of Allenwood East and West exploration play map on PL 1629, Co. Kildare, Scale 25" : 1 mile. |
| Power auger grid map, PL 863 Rathangan, Co. Kildare, O.S. Sheets Kildare 16 + 17, Offaly 28, Scale 6" : 1 mile. |
| Power auger results - Kiltaghan North, PL 863 Rathangan area, Co. Kildare, O.S. Sheet Kildare xvi - 16, Scale 1:2500, map 5. |
| Power auger results map for PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 12, 17, Scale 6":1 mile, map 6. |
| Power Augering (Portable Drill) on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Power Augering Grid on PL 890, Co.Kildare and Offaly, (Scale 6":1mile). |
| Power Augering on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Power Augering on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Power Augering on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Preliminary evaluation of the Zinc and Lead deposits at Harberton Bridge, Co. Kildare (contents pages) for the year ending 1990, (7 pages). |
| Preliminary evaluation of the Zinc and Lead deposits at Harberton Bridge, Co. Kildare for the year ending 1990, (71 pages). |
| Preliminary progress report on PLs 1602, 1605, 1606, 1609, 1610 - Kildare, Dublin dated June 1983 (12 pages) |
| Preliminary report on PL 723 Prosperous area Co Kildare dated March 1968 (4 pages) |
| Preliminary report on PL 726, Carton Demense area, Co. Kildare dated Feb. 1968, 9 pages |
| Preliminary report on PL 862 Maynooth area Co. Kildare (5 pages). |
| Preliminary report on PL 863 Rathangan area Co. Kildare, (8 pages). |
| Previous geochemistry + geophysical survey areas on PLs 1602, 1606 - 6" Kildare 10, 11 Roselawn area |
| Previous work and AMI deep overburden drilling geochemistry on PLs 1605, 1609 6" Kildare 14, 15 Wheatfield area |
| Previous work and AMI deep overburden drilling results on PL 1610 6" Kildare 15, Dublin 21 Newcastle area |
| Previous work on AMI deep overburden drilling geochemistry on PLs 1602, 1605, 1606, 6" Kildare 4, 5, 9, 10, 13 Rathcoffey area |
| Previous work on AMI deep overburden drilling geochemistry on PLs 1605, 1609 6" Kildare 13, 14, 18, 19 Sallins area |
| Profile sampling across AFMAG anomaly on PL 591 Lattins Bog area 6" Kildare 18 (Cu, Pb, Zn) |
| Profiles of Gradient Array - 6000 ft geophysical survey Kilcock area K4 Co. Kildare |
| Progress report for PL's 1600 - 1610, Co's Kildare + Meath, for the period 1973 - 1975, (49 pages). |
| Prongar Drilling (holes 15/1-5 Anomaly 15) on PL 1609 25" Kildare 14/13 Fleshtown. |
| Proposed drilling 1977 map Kildare block on PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Scale 1/2" = 1 mile, Fig. 3. |
| Prospecting and Panning map PL 3792, 3777 Co. Kildare O.S. Sheet Kildare 25, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3792, 3793 Co. Kildare O.S. Sheet Kildare 20, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3792, 3793 Co. Kildare, O.S. Sheet Kildare 20, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3792, 3793, Co. Kildare, O.S. Sheet Kildare 20, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3793 and 3777, Co. Kildare, O.S. Sheet Kildare 24,(Scale 1 : 10560) |
| Prospecting and Panning map PL 3793, 3777 Co. Kildare O.S. Sheet Kildare 24, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3793, 3777Co. Kildare, O.S. Sheet Kildare 24, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3794 Co. Kildare O.S. Sheet Kildare 29, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3794 Co. Kildare O.S. Sheet Kildare 29, (Scale 1 : 10560) |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Prospecting and Panning map PL 3794, Co. Kildare, O.S. Sheet Kildare 29, (Scale 1 : 10560) |
| Prospecting and Panning map PL 3794, Co. Kildare, O.S. Sheet Kildare 29, (Scale 1 : 10560) |
| Prospecting and rock sampling - Kilcock for PL's 1316, 1317 and 1318, Co. Kildare (Fig. 3) |
| Prospecting and rock sampling map for Clane Co. Kildare for PL 3332 Scale 1:10,560. |
| Prospecting and Rock sampling map of PL 3649, Scale 1 : 10,560, O.S. Sheet Kildare 21, Fig. 7a. |
| Prospecting and Rock sampling map of PL 3649, Scale 1 : 10,560, O.S. Sheet Kildare 22, Fig. 7b. |
| Prospecting and Rock sampling map of PL 3649, Scale 1 : 10,560, O.S. Sheet Kildare 27, Fig. 7c. |
| Prospecting and Rock sampling map PL 3427, O.S. sheet Kildare 27, Scale as shown. |
| Prospecting and rock sampling map, Kilcock, Co. Kildare, O.S. Sheet No. KE 9, (Scale 1: 10,560) |
| Prospecting map for Clane Co. Kildare for PL 3332 Scale 1:10,560. |
| Prospecting map Freagh Co. Kildare on PL 3549, Scale 1: 25,000, Fig. 4 |
| Prospecting map Monasterevan South, O.S. Sheet Kildare 26, PL 3427, Scale 1 : 10,560. |
| Prospecting on PL's 1634 and 2529 - 6" Kildare 26. |
| Prosperous prospect - pre drilling report on PL 1631, Co. Kildare, (4 pages). |
| Provisional stratigraphy N. Kildare, June 1982 |
| Pseudosection of I.P and Resistivity over East zone, PL 1629 Allenwood, Co. Kildare, Scale 1:1500. |
| Pseudosection of I.P and Resistivity over Ford Bridge mineralised zone, PL 1629 Allenwood, Co. Kildare, Scale 1:2500. |
| Radem survey of PLs 1243 +1244, Kildare area- 6" Westmeath 24 (map 14). |
| Rathangan VES - 10 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 11 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 12 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 5 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 6 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 7 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 8 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Rathangan VES - 9 Resistivity and Chargeability, PL 863 Co. Kildare, (1 page). |
| Reconn. power sampling map, PL 863 Clonmoyle, Rathangan - BC, O.S. Sheets Kildare 16, 17, 21 + 22, Fig. 1. |
| Reconn. power sampling map, PL 863 Clonmoyle, Rathangan - BC, O.S. Sheets Kildare 17, 22, Fig. 2. |
| Reconnaissance geochemical and geological plan of PL 987 (Kildare 2). |
| Reconnaissance geochemical and geological plan of PL 987 (Kildare 3). |
| Reconnaissance geochemical and geological plan of PL 987 (Kildare 7). |
| Reconnaissance geochemical and geological plan of PL 987 (Kildare 8). |
| Reconnaissance Induced polarization, Lines 15S to 24N, Pole - Dipole array, a = 200ft, N=2, PI 1629, Allenwood, Co. Kildare, Plate A-5. |
| Reconnaissance overburden drill site locations on PL 2062 (Kildare 7 and part of Offaly 12) (Fig. 11). |
| Regional filtered gravity map on PL 3549, Co. Kildare, Scale 1cm = 1km, Fig. 7 |
| Regional geology of PL 1632 Rickardstown area, Co. Kildare, Fig. 1. |
| Regional Geophysics map, Kildare Licence Block, PL's 2514 + 3684, Scale 1:200,000, Fig. 5. |
| Regional gravity shadowed map, sun at 45 degrees from the West, PL 3649 Co. Kildare, Scale 8cm : 20 km, Fig. 2. |
| Regional Magnetic data map on PL 3549, Co. Kildare, Scale 8cm = 20km, Co. Kildare, Scale 1cm = 1km, Fig. 8 |
| Regional magnetic survey (observed values) of PLs 1926-1928 Cos Carlow + Kildare 1" OS sheets 128-129 + 137 - 138. |
| Regional magnetic survey (residual field) of PLs 1926-1928 Cos Carlow + Kildare 1" OS sheets 128-129 + 137 - 138. |
| Regional magnetic survey on PL 890, 6":1 mile (Kildare /Offaly 110 + 119) |
| Regional magnetic's map, PL 3427 Monasterevin, Co. Kildare, Scale 8cm : 10km, Fig. 7B. |
| Regional magnetics survey (contours), PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1:63,360, map 3. |
| Regional magnetics survey (data), PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1:63,360, map 4. |
| Regional setting map of the Kildare Licence Block, PL's 2514 + 3684, Scale 1:200,000, Fig. 1. |
| Relinquishment report on PL's 2516 + 3610, Co. Kildare for the period 16th January 1990 to 15th. February 1991, (8 pages). |
| Renewal of Prospecting Licence 3549 Co. Kildare PL 3549, (4 pages) |
| Renewal report 1992 Prospecting Licence 3549 Co. Kildare, (2 pages) |
| Renewal report for Monasterevan Block, Co. Kildare, PL's 1641 + 3427, (5 pages). |
| Renewal report for P.L.600 in county Kildare |
| Renewal Report for PL 1608, County Kildare, Reporting Period 1994-1996 (4 Pages) |
| Renewal Report For PL 2824, County Kildare, Reporting Period 1996-1998 (5 Pages) |
| Renewal Report For PL 2824, Ccounty Kildare, Reporting Period 1994-1996 (4 Pages) |
| Renewal report for PL 3331 in Co. Kildare for year ending 19 June 1993. |
| Renewal Report For PL 3332, Co. Kildare for Period 1995-1997 (4 Pages) |
| Renewal Report for PL 3332, Co. Kildare, for Period 1997-1999 (Dated Nov. 1999) (4 Pages). |
| Renewal Report For PL 3434, County Kildare for Period 1995-1997 (4 Pages) |
| Renewal Report For PL 3434, County Kildare for Period 1997-1999 (4 Pages) |
| Renewal report for PL 3649 Co. Kildare, June 1993, (4 pages). |
| Renewal Report for PL 3865, Counties Kildare and Dublin, Dated August 1999 (5 Pages) |
| Renewal report for PL's 1604 + 1607, Co. Kildare for the period 1st January 1989 to 31st 1989, (6 pages). |
| Renewal report for PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Kildare + Offaly, (10 pages). |
| Renewal report for Prospecting licences 1601 and 3614, located in Co. Meath and Co. Kildare respectively, (9 pages). |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Renewal report on PL 1600, 1601, 1602, 1603, 1605, 1606, 1608, 1609, 1610. Meath, Kildare, Dublin (year ending 31/12/76.) (25 pages) |
| Renewal report on PL 1601 - Kildare dated Sept. 1984 (4 pages incl. Geology map) |
| Renewal report on PL 1603 - Kildare dated 8/4/1983 (6 pages incl. list of enclosures) |
| Renewal report on PL 1610 and a Surrender report on PL's 1602, 1605, 1606 + 1609 Cos. Kildare and Dublin - year ending June 1986 (4 pages). |
| Renewal report on PL 3547 Co. Kildare for the two year period ending July 1990 (3 pages). |
| Renewal report on PL 3649, Co. Kildare, (4 pages). |
| Renewal report on PL's 3433 and 3434 Co. Kildare for the two year period ending Nov 28 1990 (4 pages). |
| Renewal report on PLs 1633 - 1637 and 1641 - Kildare, Laois 18/3/76 (9 pages). |
| Renewal report on PLs 2421, 2429, 3137-3139, 3157 + 3292 Cos Wicklow, Dublin + Kildare for the two year period ending June 1990 (3 pages) |
| Renewal report on PLs 2831 + 3247 Cos Kildare + Laoise for the 1986-1988 period (4 pages) |
| Renewal report PL's 1604 + 1607 - Harberton Bridge, Co. Kildare, reporting period 1st January 1985 - 31 December 1985, (26 pages). |
| Renewal report PL's 1604 + 1607 - Harberton Bridge, Co. Kildare, reporting period 1st January 1987 - 31st December 1987, (4 pages). |
| Renewal report PLs 1604 + 1607 - Harberton Bridge, Co. Kildare, reporting period 1st January 1988 - 31st December 1988, (4 pages). |
| Renewal report summary, PL's 1604 + 1607, Co. Kildare, 1st January 1984 - 31st December 1984, (4 pages). |
| Report for year ending June 12 1973 PL 600 Co.Kildare (2 pages) |
| Report of Exploration Activities PL's 1600 - 1610, E Block, Co's Kildare, Meath and Dublin, reporting period 1977 - 1978, (41 pages) |
| Report on a Hydrocarbon Litho geochemistry Survey of PLs 1602, 1605, 1606, 1609, 1610 Co.'s Kildare + Dublin dated April 1984 (10 pages) |
| Report on Ballyshannon drillhole Co. Kildare on PL 3549, (1 page). |
| Report on detailed Induced Polarisation surveys at Carragh Co. Kildare on PL 1608, (2 pages). |
| Report on downhole IP surveys at Balraheen, Co. Kildare September 1992 (3 pages) PL's 1317 and 1318. |
| Report on Exploration Activites, PL's 1600 - 1610, Co's Kildare, Meath and Dublin, for reporting period 1/1/1979 to 31/12/1979, (36 pages). |
| Report on Exploration activities on PLs 1316-18, Co. Kildare for the period 28.4.75 to 27.4.76 2 pages |
| Report on Exploration Activities PL's 1600 - 1610, Co's Meath, Kildare + Dublin, reporting period 1976 - 1977, (23 pages). |
| Report on Exploration Activities, PL's 1604 + 1607 Co Kildare for the year ending 1980, (37 pages). |
| Report on Exploration activities on PLs 1316-18, Co. Kildare for the period 28.4.73 to 27.4.74 (2 pages) |
| Report on exploration activity for the period ended 30th March 1977 and proposed work program for 1977 on PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, Co's Kildare, Offaly + Laois, (9 pages). |
| Report on Exploration activity on PL's 1316 - 1318, Co. Kildare for the period 28/04/71 - 27/04/72, (5 page). |
| Report on Exploration activity on PL's 1316 - 1318, Co. Kildare for the period 28/04/72 to 27/04/73 (1 page). |
| Report on Exploration activity on PL's 1316-18, Co. Kildare for the period 28/04/72 - 27/04/73, (1 page). |
| Report on exploration activity on PL's 1633 to 1637 and 1641 Kildare 15/3/78 (5 pages). |
| Report on exploration activity on PLs 1316-1318, Co. Kildare for the period 28.4.74 to 27.4.75 (1 page) |
| Report on exploration activity on PLs 1316-1318, Co. Kildare for the period ending 27.4.77 (4 pages) |
| Report on geological survey on PL's 1155 to 1158 - Athy, Kildare December 1969 (3 pages in English text). |
| Report on geological survey on PL's 1155 to 1158 - Athy, Kildare December 1969 (3 pages in French text). |
| Report on geophysical detail survey Clonygowan area, Portarlinton, Co. Kildare on PL 1624, (1 page). |
| Report on Geophysical Survey on PL 1316, Co. Kildare |
| Report on Geophysical Survey, PL's 1624, 1625, 1626 Co. Offaly, 863, 1629, 1630, 1631, 1632 Co. Kildare, 1639, 1640 Co. Laois, (6 pages). |
| Report on geophysical surveys for Kells Minerals Ltd. at Carragh Co. Kildare on PL 1608. (3 pages). |
| Report on gradient array induced polarization and resistivity surveys at Rickardstown Co. Kildare year ending Oct. '83 on PL 1632 (7 pages). |
| Report on Gravity and Induced Polarization surveys at Allenwood North, Co. Kildare for Marathon Mining Ireland on PL 1629, (8 pages). |
| Report on gravity surveys at Allenwood, Co. Kildare for Marathon Mining Ireland Ltd. on PL 1629, (10 pages). |
| Report on Induced Polarisation + Resistivity surveys at Caragh Co. Kildare on PL 1608, (3 pages). |
| Report on Induced polarization + Resistivity survey at Allenwood, Co. Kildare 31/3/1980 on PL 1929, (9 pages). |
| Report on Induced polarization + Resistivity survey at Hawkfield, Newbridge, Co. Kildare 25/1/1980 on PL 1932, (4 pages). |
| Report on Induced polarization + Resistivity surveys at Kiltaghan and Kilantoge, Co. Kildare PL 863, (4 pages). |
| Report on induced polarization and resistivity survey at Allenwood Co Kildare, year ending Oct 1983, Gradient array surveys of blocks 1 to 7 inclusive and consequent detail dipole - dipole surveys (22 pages). |
| Report on induced polarization and resistivity survey of PL 1211 (Whitechurch area, Co. Kildare) 5 pages. |
| Report on induced polarization and resistivity surveys at Straffon, Co. Kildare PL's 3433 and 3434 (16 pages). Kildare 14, 19. |
| Report on induced polarization gradient array surveys at Newbridge, Co Kildare year ending March '83 on PL 1632 (9 pages). |
| Report on induced polarization surveys at Rickardstown Co. Kildare year ending 9th of April 1980, (6 pages). |
| Report on IP and Resistivity Survey on PL 1610 - Wheatfield area, Kildare dated Sept. 1982 (6 pages) |
| Report on IP survey of PL 591 Lattins Bog area Co Kildare (2 pages) |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Report on IP survey of PLs 564 + 591 Boston Hill + Lattins Bog area, Co Kildare dated 29/3/66 (6 pages). |
| Report on IP survey of PLs 564 + 591 Lattins Bog area Co Kildare (3 pages) |
| Report on Kildare, Boston Rathangan, Rathdowney areas on PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 + 1640, for the year ending 1985, (6 pages). |
| Report on PL 1281 Co Kildare dated 26/2/70 (1 page) |
| Report on PL 3330 Clane, Co. Kildare for the year ending 1994, (4 pages). |
| Report on PL 3792 Co. Kildare, (1 page). |
| Report on PL 3793 Co. Kildare, (1 page). |
| Report on PL 3794 Co. Kildare, (1 page) |
| Report on PL 478 Counties Kildare + Dublin with reference to I.P Survey (6 pages). |
| Report on PL 600 Co. Kildare for the period ending 12 June 1983 (10 pages) |
| Report on PL 600 Co. Kildare for the year ended 13 June 1971 (4 pages) |
| Report on PL 600 Co. Kildare for the year ending 12 June 1979 (7 pages) |
| Report on PL 600 Co. Kildare for the year ending 12 June 1982 (6 pages) |
| Report on PL 600 Co. Kildare for the year ending 12 June, 1977 (8 pages) |
| Report on PL 600 Co. Kildare for the year ending June 12, 1976 (9 pages) |
| Report on PL 600 Co. Kildare for year ending 12th of June 1980 (7 pages) |
| Report on PL 600 Co. Kildare for year ending June 12, 1975 |
| Report on PL 723 Co Kildare for work done in the year 1/1/69 to 31/12/69 (2 pages) |
| Report on PL 725 Kildare area, Co Kildare dated March 1968 (4 pages) |
| Report on PL 863 Co. Kildare, (5 pages). |
| Report on PL 863 Rathangan, Co. Kildare for the year ending 29th March 1971, (4 pages). |
| Report on PL 894 Monasterevin area, Co Kildare (3 pages) |
| Report on PL 894 Monasterevin Co Kildare dated April 1970 (3 pages) |
| Report on PL 894 Monasterevin Co Kildare for the period 18/4/67 to 15/3/68 (5 pages) |
| Report on PL's 1155 to 1158 - Athy, Kildare April 1973 (4 pages). |
| Report on PL's 1624, 1625, 1626 Co. Offaly, 863, 1629, 1630, 1631, 1632 Co. Kildare, 1639, 1640 Co. Laois, (8 pages). |
| Report on PL's 3433 and 3434 Co. Kildare for the two year period ending December 8 1992 (4 pages). |
| Report on PL's 600, 863, 1629 - 1632 Co. Kildare and PL's 1624 - 1626 Co. Offaly and PLs 1639, 1640 Co. Laois, (6 pages). |
| Report on PL's 863, 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639 and 1640, Co's Offaly, Laois and Kildare, (5 pages). |
| Report on PLs 1926-1928 Cos Carlow + Kildare for the two year period ending 3/1/77(5 pages) |
| Report on PLs 1926-1929 Cos Carlow + Kildare for the 19 month period ending 4/7/74 (4 pages) |
| Report on PLs 1926-1929 Cos Carlow + Kildare for the 2 year period ending 4/1/75 (5 pages) |
| Report on PLs 894 + 1557 Kildare + Monasterevin areas, Co Kildare (3 pages) |
| Report on PLs 894 + 1557 Kildare + Monasterevin areas, Co Kildare dated March 1973 (4 pages) |
| Report on PLs 894 + 1557 Monasterevin + Kildare areas, Co Kildare dated April 1971 (1 page) |
| Report on PLs 894 + 1557 Monasterevin + Kildare areas, Co Kildare dated March 1972 (5 pages) |
| Report on prospecting licence 600 in Co. Kildare for year ending 12th June, 1981 (5 pages) |
| Report on Rathangan - BC Co. Kildare PL 863, (6 pages). |
| Report on reconnaissance IP + Resistivity survey at Clane, Co. Kildare. From Oct. 1984 - Jan. 1985 (21 pages) |
| Report on regional gravity surveys in Co's Kildare and Laois on PL's 1629, 1630, 1631, 1632, 1639 + 1640, (17 pages). |
| Report on the kildare east licence block(PL 600, 863, 1629,1630,1631,1632) county Kildare, incl. geochem and geophysics reviews |
| Report on the stratigraphic reconnaissance of the Athy/Stradbally area on PLs 1155, 1156 and 1158 Kildare December 1974 (5 pages). |
| Report on the tectonic structure and mineralisation of the Kildare area - 6" Westmeath 24 - dated March 1972 (2 pages). |
| Report on time domain electromagnetic surveys at Roselawn, Co. Kildare for PL 3330, (3 pages) |
| Report on time domain electromagnetic surveys at Turnings Upper, Co. Kildare for PL: 3332 (3 pages) |
| Report on V.L.F - R survey of PL 1211 Clane area, Co. Kildare - dated 28/2/86. |
| Report on work carried out on PL 1604 Harberton bridge area, Co. Kildare during 1991, (3 pages). |
| Report on work carried out on PL 1607 Harberton bridge area, Co. Kildare during 1991, (8 pages). |
| Report on work completed on PL 723 Co Kildare for the year 1/1/68 to 31/12/68 (2 pages) Includes prospecting programme for 1969 |
| Report on work completed PL's 2514 + 3684, Co. Kildare accompanying surrender of Licences 1/10/97, (18 pages). |
| Report on work for the year ended March 29th, 1969 + Programme of work for the year ending 29th 1970 on PL 863, Rathangan area, Co. Kildare, (2 pages). |
| Report to Aquitaine Mining Ltd on Kildare R.C.D holes 1 - 30 dated April 1982 (13 pages) |
| Report to government on PL 863 Rathangan area, Co. Kildare for year ending 31st March 1975, (9 pages). |
| Report to government on PL 863 Rathangan, Co. Kildare for the year ending July 3rd 1974, (4 pages). |
| Residual Gravity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13,(Scale 1:2,500) |
| Residual Gravity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13,(Scale 1:2,500) |
| Residual Gravity on PLs 1602, 1606 - 25" Kildare 10/12, 16 + 11/9, 13,(Scale 1:2,500) |
| Resistivity contour map of PL 894 6" Kildare 21 (440 'a) Plate 4 |
| Resistivity contour map of PL 894 6" Kildare 21 (880 'a) Plate 5 |
| Resistivity contour map of PLs 894 + 1557 6" Kildare 21 (440 'a) Plate 8 |
| Resistivity contour map of PLs 894 + 1557 6" Kildare 21 (880 'a) Plate 9 |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Resistivity contour map of PLs 894 + 1557 6" Kildare 27 (440 'a) Plate 12 |
| Resistivity contour map of PLs 894 + 1557 6" Kildare 27 (880 'a) Plate 13 |
| Resistivity contour map on PL 1608 Co. Kildare, Scale 1 : 10,560ft. |
| Resistivity contour map, Reconnaissance Pole - Dipole survey, Allenwood Co. Kildare PL 1629, Scale 1 : 2500, Plate A-10. |
| Resistivity contour plan drill-hole IP survey Balraheen area Co. Kildare (Scale 1:5000). Fig. 2 |
| Resistivity contour plan Kiltaghan, Co.Kildare on PL 863, Scale 1:2500, Fig. 2. |
| Resistivity contour plan of PL 894 6" Kildare 21 + 26 (440 'a) |
| Resistivity contour plan of PL 894 6" Kildare 21 + 26 (880 'a) |
| Resistivity contour plan of PLs 894 + 1557 6" Kildare 19 (880 'a) |
| Resistivity contour plan of PLs 894 + 1557 6" Kildare 22 (440 'a) |
| Resistivity contour plan of PLs 894 + 1557 6" Kildare 22 (880 'a) |
| Resistivity contour plan of PLs 894 + 1557 6" Kildare 27 (440 'a) |
| Resistivity grid Milltown PL 3547 N=2 (Scale 6" : 1 mile) Kildare 23. |
| Resistivity map - Gradient array - on PL 1632, O.S. Sheet Kildare 16 + 21, Scale 1:2500. |
| Resistivity map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 11 + 15, Scale 1:2500. |
| Resistivity map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 14, 23 - 2, Scale 1:2500. |
| Resistivity map - Gradient array - on PL 1632, O.S. Sheet Kildare 18 - 6, Scale 1:2500. |
| Resistivity map : Gradient Array, PL 863, Kiltaghan area, O.S. Sheet Kildare 16 + 21, Scale 1:2500. |
| Resistivity map on PL 1608 Caragh, Co. Kildare. |
| Resistivity map on PL 890, Scale 1":1 mile (Kildare - Offaly 110 + 119) |
| Resistivity map Rathangan BC area on PL 863 Rathangan area, Co. Kildare, O.S. Sheets Kildare 110, 119, Scale 1"; 1 mile, map 5. |
| Resistivity soundings on PL 1243, Kildare area, Moate - 6" Westmeath 24, Fig. 9 |
| Results of V.L.F - R survey of PL 1211 6" Kildare 14 and 15. |
| Reverse circulation log sheet for Drillhole HB100, PL 1607, Co. Kildare, (3 pages). |
| Reverse circulation log sheet for Drillhole HB101, PL 1607, Co. Kildare, (3 pages). |
| Reverse circulation log sheet for Drillhole HB111, PL 1604, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole HB114, PL 1607, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole HB118, PL 1607, Co. Kildare, (2 pages). |
| Reverse circulation log sheet for Drillhole RHB68, PL 1607, Co. Kildare, (2 pages). |
| Reverse circulation log sheet for Drillhole RHB69, PL 1607, Co. Kildare, (2 pages). |
| Reverse circulation log sheet for Drillhole RHB70, PL 1607, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole RHB71, PL 1607, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole RHB72, PL 1607, Co. Kildare, (1 page). |
| Reverse circulation log sheet for Drillhole RHB75, PL 1607, Co. Kildare, (3 pages). |
| Reverse circulation log sheet for Drillhole RHB82, PL 1607, Co. Kildare, (1 page). |
| Review Report for PL 1608, County Kildare, Reporting Period 1996-1998 (6 Pages) |
| Revised geology on PLs 1602, 1605, 1606, 1609, 1610 (Scale 1:25,000) Clane Co. Kildare |
| Revised geology on PLs 1602, 1605, 1609, 1610, Scale 1:25,000 Clane, Co. Kildare incorporating results of the Hilltwister light - drilling programme |
| Rickardstown prospect map S.E Kildare, PL 1632, Scale 1:5000, Fig. 7. |
| Rickardstown prospect.Contour Plan of Apparent Resistivity : Second separation, PL 1632 Allenwood, Co. Kildare, Scale 1:2500, Fig. 2. |
| Rickardstown prospect.Contour Plan of Chargeability : Second separation, PL 1632 Allenwood, Co. Kildare, Scale 1:2500, Fig. 1. |
| Rock geochemistry on PL 1603 - 6" Kildare 6 (Cu, Pb, Zn) |
| Rose Plots of Joint orientation on PL 3549, Co. Kildare, Scale 1: 100,000, Fig. 3 |
| S.P survey map (corrected values) on PL 1632, O.S. Sheet Kildare 18, Scale 1:10,560. |
| S.P survey map (corrected values) on PL 1632, O.S. Sheet Kildare 23, Scale 1:10,560. |
| S.P survey map (corrected values) on PL 1632, O.S. Sheet Kildare 23, Scale 1:10,560. |
| S.P survey on PL 1633 - 6" Kildare 27 (Lines 3600S to 9000S). |
| S.P survey on PL 2593 - 6" Kildare 22 (Lines 0 to 3300S). |
| S.P survey on PL 2823 - 6" Kildare 23 (Lines 2100S to 5400S). |
| S.P survey on PL's 1633 and 2822 - 6" Kildare 28 (Lines 9300S to 11700S). |
| S.P survey on PL's 2823 and 2824 - 6" Kildare 24 (Lines 3900S to 5400S). |
| Shallow soil sampling map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 3 |
| Shallow soil sampling PL 3547 (Scale 1" : 1 mile) Kildare 17, 18, 22, 23, 27 and 28. |
| Simplified geological map of the Kildare Licence Block, PL 3610, Aug. 1989. |
| Simplified geology map of Offaly, Kildare, Laois on PL's 1624, 1625, 1626, 1629, 1630, 1631, 1632, 1639, 1640 (Scale 1.5cm : 2miles) |
| Soil + peat sampling on PLs 564, 590 + 591 Boston Hill area Co Kildare (1:10,560) (Cu) |
| Soil + peat sampling on PLs 564, 590 + 591 Boston Hill area Co Kildare (1:10,560) (Pb) |
| Soil + peat sampling on PLs 564, 590 + 591 Boston Hill area Co Kildare (1:10,560) (Zn) |
| Soil geochemistry on PL 1603 - 6" Kildare 11 (Cu, Pb, Zn - contoured for Cu) |
| Soil geochemistry on PL 1603 - 6" Kildare 11 (Cu, Pb, Zn - contoured for Pb) |
| Soil geochemistry on PL 1603 - 6" Kildare 11 (Cu, Pb, Zn - contoured for Zn) |
| Soil geochemistry on PL 1603 - 6" Kildare 6 (Cu, Pb, Zn - contoured for Cu) |
| Soil geochemistry on PL 1603 - 6" Kildare 6 (Cu, Pb, Zn - contoured for Pb) |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Soil geochemistry on PL 1603 - 6" Kildare 6 (Cu, Pb, Zn - contoured for Zn) |
| Soil sample grid 34-1 on PL 1155 6" Kildare 34 (Zn, Pb). |
| Soil sample grid 35-1 on PL 1155 6" Kildare 35 (Zn, Pb). |
| Soil sample grid 35-2 on PL 1156 6" Kildare 35 (Zn, Pb). |
| Soil sample grid 39-1 on PL 1157 6" Kildare 39 (Zn, Pb). |
| Soil sampling on PL 1602, 6" Kildare 5 (Cu). |
| Soil sampling on PL 1602, 6" Kildare 5 (Pb). |
| Soil sampling on PL 1602, 6" Kildare 5 (Zn). |
| Soil sampling on PL 1608, 6" Kildare 18 (Cu) . |
| Soil sampling on PL 1608, 6" Kildare 18 (Pb). |
| Soil sampling on PL 1608, 6" Kildare 18 (Zn) |
| Soil sampling on PL 1633 - 6" Kildare 22 (Cu). |
| Soil sampling on PL 1633 - 6" Kildare 22 (Pb). |
| Soil sampling on PL 1633 - 6" Kildare 22 (Zn). |
| Soil sampling on PL 1633 - 6" Kildare 23 (Cu). |
| Soil sampling on PL 1633 - 6" Kildare 23 (Pb). |
| Soil sampling on PL 1633 - 6" Kildare 23 (Zn). |
| Soil sampling on PL 1634 - 25" Kildare 26/8 (Cu). |
| Soil sampling on PL 1634 - 25" Kildare 26/8 (Pb). |
| Soil sampling on PL 1634 - 25" Kildare 26/8 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 21 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 21 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 21 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 26 (Zn). |
| Soil sampling on PL 1634 - 6" Kildare 30 (Cu). |
| Soil sampling on PL 1634 - 6" Kildare 30 (Pb). |
| Soil sampling on PL 1634 - 6" Kildare 30 (Zn). |
| Soil sampling on PL 1637 - 6" Kildare 37 (Cu). |
| Soil sampling on PL 1637 - 6" Kildare 37 (Pb). |
| Soil sampling on PL 1637 - 6" Kildare 37 (Zn). |
| Soil sampling on PL 1637 - 6" Kildare 38 (Cu). |
| Soil sampling on PL 1637 - 6" Kildare 38 (Pb). |
| Soil sampling on PL 1637 - 6" Kildare 38 (Zn). |
| Soil sampling on PL 486 - 6" Kildare 31 (Cu, Pb, Zn). |
| Soil sampling on PL 486 - 6" Kildare 32 (Cu, Pb, Zn). |
| Soil sampling on PL 488 - 6" Kildare 36 (Cu, Pb, Zn). |
| Soil sampling on PL's 1633 and 1635 - 6" Kildare 28 (Cu). |
| Soil sampling on PL's 1633 and 1635 - 6" Kildare 28 (Pb). |
| Soil sampling on PL's 1633 and 1635 - 6" Kildare 28 (Zn). |
| Soil sampling on PL's 1633, 1634 and 1635 - 6" Kildare 27 (Cu). |
| Soil sampling on PL's 1633, 1634 and 1635 - 6" Kildare 27 (Pb). |
| Soil sampling on PL's 1633, 1634 and 1635 - 6" Kildare 27 (Zn). |
| Soil sampling on PL's 1634 to 1636 - 6" Kildare 31 (Cu). |
| Soil sampling on PL's 1634 to 1636 - 6" Kildare 31 (Pb). |
| Soil sampling on PL's 1634 to 1636 - 6" Kildare 31 (Zn). |
| Soil sampling on PL's 1635 and 1636 - 6" Kildare 32 (Cu). |
| Soil sampling on PL's 1635 and 1636 - 6" Kildare 32 (Pb). |
| Soil sampling on PL's 1635 and 1636 - 6" Kildare 32 (Zn). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 35 (Cu). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 35 (Pb). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 35 (Zn). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 36 (Cu). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 36 (Pb). |
| Soil sampling on PL's 1636 and 1637 - 6" Kildare 36 (Zn). |
| Soil sampling on PL's 486 to 488 - 6" Kildare 35 (Cu, Pb, Zn). |
| Soil sampling on PL's 486 to 488 - 6" Kildare 36 (Cu, Pb, Zn). |
| Soil sampling on PL's 487 to 488 - 6" Kildare 37 (Cu, Pb, Zn). |
| Soil sampling on PL's 488 and 1157 - 6" Kildare 39 (Cu, Pb, Zn). |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| Soil sampling on PLs 1605, 1606, 1608, 1610, 6" Kildare 14 (Zn). |
| Soil sampling on PLs 1605, 1606, 1609 1610, 6" Kildare 14 (Pb). |
| Soil sampling on PLs 1605, 1606, 1609, 1610, 6" Kildare 14 (Cu). |
| Solid geological map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 1 |
| Solid geological map on PL 3549, Co. Kildare, (Scale 1" = 1 mile) Fig. 2 |
| Staplestown compilation including location of drillhole 1631/1, map for PL 1631, O.S. Sheet Kildare 9, Scale 1.5cm : 500. |
| Staplestown compilation map for PL 1631 Co. Kildare, Scale 1.5cm : 100ft. |
| Stratigraphic Correlation (diagramatic) Block 'E' , PL's 1600 - 1610, Co. Kildare, Scale 1cm = 200ft, DWG No. 4. |
| Stratigraphic succession, Harberton, Co. Kildare, Scale 1: 2500. |
| Stratigraphic log of DDH BDK-10 on PL 1243, Kildare area (Final Depth 167') (1 page) |
| Stratigraphic log of DDH BDK-11 on PL 1244, Kildare area (Final Depth 216') (2 pages) |
| Stratigraphic log of DDH BDK-12 on PL 1244, Kildare area (Final Depth 147') (1 page) |
| Stratigraphic log of DDH BDK-13 on PL 1243, Kildare area (Final Depth 144') (1 page) |
| Stratigraphic log of DDH BDK-14 on PL 1243, Kildare area (Final Depth 85') (1 page) |
| Stratigraphic log of DDH BDK-15 on PL 1243, Kildare area (Final Depth 165') (1 page) |
| Stratigraphic log of DDH BDK-16 on PL 1243, Kildare area (Final Depth 134') (1 page) |
| Stratigraphic succession Harberton, Co. Kildare, Scale 1": 250'. |
| Stream sediment analysis on PL 1157 - 6" Kildare 37, 39 Greene River upper Mageny (Cu, Pb, Zn). |
| Stream sediment reconnaissance survey of PL 590 - 6" Kildare 17 (Cu, Pb, Zn) |
| Stream sediment reconnaissance survey of PL 590 - 6" Kildare 22 (Cu, Pb, Zn) |
| Stream sediment reconnaissance survey of PLs 590 + 591 - 6" Kildare 18 (Cu, Pb, Zn) |
| Stream sediment reconnaissance survey of PLs 590 + 591 - 6" Kildare 23 (Cu, Pb, Zn) |
| Stream survey of PLs 1926-1929 1" OS sheets 127-128 + 136-137 Cos Carlow + Kildare (Cu, Pb, Zn, Mo, As, Ni.) |
| Stream survey of PLs 1926-1929 1" OS sheets 129, 130, 138 + 139 Cos Carlow + Kildare (Cu, Pb, Zn, Mo, As, Ni.) |
| Structural Geology Map of Pls 863, 890, 600. Scale 1":1 mile.(Kildare -Offaly 119 + 110) |
| Summary Drill hole No: 863/SH1, PL 863 Rathangan, Co. Kildare, Total length 76', Scale 1": 50', (2 pages). |
| Summary Drill hole No: 863/SH2, PL 863 Rathangan, Co. Kildare, Total length 54', Scale 1": 50', (1 page). |
| Summary Drill hole No: 863/SH3, PL 863 Rathangan, Co. Kildare, Total length 70', Scale 1": 50', (1 page). |
| Summary Drill hole No: 863/SH4, PL 863 Rathangan, Co. Kildare, Total length 147', Scale 1": 50', (1 page). |
| Summary Drill hole No: 863/SH5, PL 863 Newtown, Rathangan, Co. Kildare, Total length 42', Scale 1": 50', (3 pages). |
| Summary drill log 1624-2, PL 1624 Kildare West block, Clonyquin Td., Co. Offaly, Length 1207', Scale 1" = 200ft, (1 page). |
| Summary drill log 1624-3, PL 1624 Kildare West block, Clonygowan, Co. Offaly, Length 1056', Scale 1" = 200ft, (1 page). |
| Summary drill log 1629-72, PL 1624 Kildare West block, Lullymore East, Co. Kildare, Length 1242', Scale 1" = 200ft, (1 page). |
| Summary drill log 1630-10, PL 1630 Kildare West block, Kilkea, Co. Kildare, Length 860', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1629/68 on PL 1629 Allenwood, Co. Kildare, Length 181', Scale 1" = 50ft, (1 page). |
| Summary drillhole log No: 1629/69 on PL 1629 Allenwood, Co. Kildare, Length 181', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1629/70 on PL 1629 Allenwood, Co. Kildare, Length 203', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1629/71 on PL 1629 Derrymullen, Co. Kildare, Length 249', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1630/10 on PL 1629 Derrymullen, Co. Kildare, Length 860', Scale 1" = 100ft, (1 page). |
| Summary drillhole log No: 1631/1 on PL 1631 Kilmurry, Co. Kildare, Length 130', Scale 1" = 50ft, (1 page). |
| Summary drillhole log No: 863/27 on PL 863 Mullatine, Co. Kildare, Length 65', Scale 1" = 50ft, (1 page). |
| Summary drillhole log No: 863/28 on PL 863 Mullatine, Co. Kildare, Length 75', Scale 1" = 50ft, (1 page). |
| Summary drillhole log No: 863/29 on PL 863 Mullatine, Co. Kildare, Length 62', Scale 1" = 50ft, (1 page). |
| Summary Drillhole Log, Drillhole No. 2516/1, PL 2516, Balkinstown, Co. Kildare. |
| Summary Drillhole Log, Drillhole No. 3610/1, PL 3610, Tully West, Co. Kildare. |
| Summary log for Drillhole No: 1604/4, Harberton Bridge, Ballynafagh, Co. Kildare, Total depth 163m, Scale 1: 1250, with location map, (1 page). |
| Summary log for Drillhole No: 1604/5, Harberton Bridge, Downings South, Co. Kildare, Total depth 370m, Scale 1: 1250, with location map, (1 page). |
| Summary log for Drillhole No: 1607/1, Harberton Bridge, Mylerstown, Co. Kildare, Total depth 160m, Scale 1: 1250, with location map, (1 page). |
| Summary log of Drillhole No: 863/16, PL 863 Clonmoyle Td., Rathangan, Co. Kildare, Length 394', Scale 1" = 50', (1 page). |
| Summary log of Drillhole No: 863/17, PL 863 Newtown Td., Rathangan, Co. Kildare, Length 244', Scale 1" = 50', (1 page, 2 copies). |
| Summary of important features of Drillhole BS -1 Derrinturn Co. Kildare on PL 3549, (1 page) |
| Summary of Previous Exploration Data and Results of Deep Overburden Drilling Programme on PLs 1602, 1605, 1606, 1609, 1610 - Clare, Kildare dated Aug. 1982 (21 pages) |
| Summary of work completed on PL 863 Co. Kildare since date of issue up to March 1979, (1 page). |
| Summary renewal report for PL's 1604 + 1607, Co. Kildare for the period 1st January 1989 to 31st 1989, (1 page). |
| Summary Report on PL 3792, 3793, 3794 Co. Kildare, (2 pages). |
| Summary Surrender Report on PL 3792, 3793, 3794 Co. Kildare, (2 pages). |
| Supplementary Work Report for PL's 1317 and 1318, Kilcock, Co. Kildare, February 1993 (3 pages). |
| Surrender report - surrender report on PL 2062, Co.'s Kildare + Offaly, dated Feb 2000 (1 page) |
| Surrender Report for PL 1317, County Kildare, Dated Jan. 2001 |
| Surrender Report for PL 1318, Co. Kildare, Dated Jan 2001 (6 Pages) |
| Surrender Report For PL 1608, Coutny Kildare, Reporting Period 1998-2000 (6 Pages) |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|---|
| Surrender Report for PL 1641 Monasterevin, Co. Kildare, Sept. 1997, (4 pages). |
| Surrender Report for PL 2824, County Kildare, Reporting Period 1998-2000 |
| Surrender report for PL 3427 Co. Kildare, September 1997, (4 pages). |
| Surrender report for PL 3610 Monasterevin, Co. Kildare, (4 pages). |
| Surrender report for PL 3649, Co. Kildare, (4 pages). |
| Surrender report on PL 1289, Co. Kildare dated March 2nd. 1970, (3 pages) |
| Surrender report on PL 1290, Cos. Kildare, Dublin dated April 10th 1970 (1 page) |
| Surrender report on PL 2831 + 3247 Cos Laois + Kildare for the 1988-1990 period (4 pages) |
| Surrender report on PL 3329 and 3331, Co. Kildare for the period 1988 - 1990 (2 pages) . |
| Surrender report on PL 3329 Co. Kildare for the period 1991 - 1992 (1 page) . |
| Surrender report on PL 3547 Co. Kildare dated April 1992 (2 pages). |
| Surrender Report on PL 3792 Co. Kildare, (2 pages). |
| Surrender Report on PL 3793 Co. Kildare, (2 pages). |
| Surrender Report on PL 3793 Co. Kildare, (2 pages). |
| T.E.M 37 soundings map for PL 1632, Boston - Allenwood area, O.S. Sheets Kildare 18, Scale 1:10,560. |
| Technical report on exploration survey on PL's 486 to 488 - Athy Kildare 26/7/67 (2 pages). |
| Technical report on PL's 1155 to 1158 - Athy Kildare (2 pages). |
| Technical report on PL's 486 to 488 Athy, Kildare 3/8/67 (2 pages). |
| TEM Survey - Roselawn Co. Kildare EM 57 centre loop sounding 200m loop for PL 3330. |
| TEM Survey - Turnings Upper Co. Kildare EM 57 centre loop sounding 200m loop for PL 3332. |
| TEM Survey Prosperous Area, Co. Kildare, (5 pages). |
| The Boston Hill area Co. Kildare (geology results and discussion) (2 pages) |
| Topographic and Cultural features including Apparent resistivity and I.P. effect, Line Kildare 2, Dipole - Dipole array. |
| Topographic and Cultural features including Apparent resistivity and I.P. effect, Line Kildare 5, Dipole - Dipole array. |
| Topographic and Cultural features including Apparent resistivity and I.P. effect, Line Kildare 5, Dipole - Dipole array. |
| Topographic and Cultural features including Apparent resistivity and I.P. effect, Line Kildare 6, Dipole - Dipole array. |
| Tractor Deep Sampling Cu, Pb, Zn on PL 890, Kildare 16, 17, 21, 22 + Offaly 27, 28 (Scale 6": 1 mile) |
| Tractor deep sampling Kildare O.S.17,22 November 1981, scale 1:10560 |
| Tractor deep sampling map - Cu, Pb, Zn values, PL 863, Rathangan - BC, O.S. Sheets Kildare 16, 17, 21, 22, Scale 6":1 mile, Fig. 1. |
| Tractor deep sampling map - Cu, Pb, Zn values, PL 863, Rathangan - BC, O.S. Sheets Kildare 17, 22, Scale 6":1 mile, Fig. 2. |
| Tractor deep sampling map area : Rathangan on PL 863, Cu, Pb, Zn values, O.S. Sheets Kildare 16, 17, 21, 22, Scale 6":1mile. |
| V.L.F Apparent Resistivity Compilation map (contours) on PL 863, O.S. Sheets Kildare 12, 17, 22, Scale 6":1mile. |
| V.L.F Frazer filtered map - Boston - Allenwood area on PL 1631, O.S. Sheet Kildare 13, Scale 1:10,560. |
| V.L.F Frazer filtered map - Boston - Allenwood area on PL 1631, O.S. Sheet Kildare 9, Scale 1:10,560. |
| V.L.F Resistivity map - Boston - Allenwood area on PL 1631,O.S. Sheet Kildare 13, Scale 1:10,560. |
| V.L.F Resistivity map - Boston - Allenwood area on PL 1631,O.S. Sheet Kildare 9, Scale 1:10,560. |
| V.L.F Resistivity map Boston - Allenwood area on PL 1629, O.S. Sheet Kildare 13 - 9, Scale 1:10,560. |
| V.L.F survey '85, PL 1604 - Harberton Bridge, Scale 6": 1 mile, O.S. Sheets Kildare 9, 10, 13, 14, Fig. 11. |
| Vertical Electrical Sounding (Locations) on PL 890, Kildare 12, 16, 17, 21 + 22 Offaly 27, 28 (Scale 3": 1 mile) |
| Vertical electrical soundings (locations) map on PL 863, O.S. Sheets Kildare 12, 16, 17, 21, 22, Scale 1:21,120, Fig. 3 . |
| VLF - EM survey on PL 2592 - 6" Kildare 21. |
| VLF - EM survey on PL 2592 - 6" Kildare 22. |
| VLF - EM survey on PL's 1634 and 2592 - 6" Kildare 26. |
| VLF - EM survey on PL's 1634 and 2592 - 6" Kildare 27. |
| VLF - resistivity and Diamond drill holes on PL 1244, Castletown Kildare areas, Moate - 6" Westmeath 24 and 25. |
| VLF EM survey of PL's 1243 + 1244, Kildare area, Moate - 6" Westmeath 24 + 25, Fig .7 |
| VLF profiles - Line 5 on PL 2518, Athy, Co. Kildare, Fig. 4. |
| VLF profiles - Lines 5, 49 and 50, Area H on PL 2518, Co. Kildare, Fig. 5. |
| VLF R map - Harberton Bridge, Co. Kildare, PL's 1604 + 1607, Scale 1": 1 mile, Fig. 11. |
| VLF resistivity survey map on PL 1629, O.S. Sheet Kildare 12 - 12, Scale 1/2500ft. |
| VLF resistivity survey of PL's 1243 + 1244, Kildare area, Moate - 6" Westmeath 24 + 25, Fig. 6 |
| VLF survey data map on PL 2518, Co. Kildare, Fig. 3. |
| VLF Survey, EM16R on PL 2538, 6":1 mile (O.S. Offaly 12, 20 and Kildare 8, 12) |
| VLF-R Survey on PL 1602 - 25" Kildare 10/7, 8 (overburden) |
| VLF-R Survey on PL 1602 - 25" Kildare 10/7, 8 (phase angle + resistivity) |
| VLF-R Survey on PL 1602 - 25" Kildare 10/7, 8 (resistivity) |
| VLF-R Survey on PL 1602, 1605 - 6" Kildare 10 |
| VLF-R Survey on PL 1605 - 25" Kildare 10 (phase angle and resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10 (resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/10 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/10 (phase angle + resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/10 (resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/13 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/13 (resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/14 (overburden) |

Appendix 2 - Prospecting Licence Open File data relating to County Kildare

| |
|--|
| VLF-R Survey on PL 1605 - 25" Kildare 10/14 (phase angle + resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/14 (resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/5 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/5 (phase angle + resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/9 (overburden) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/9 (phase angle + resistivity) |
| VLF-R Survey on PL 1605 - 25" Kildare 10/9 (resistivity) |
| Work compilation on PLs 1600, 1602, 1604, 1605, 1606, 1609, 1610 - 1" Kildare |
| Work report for PL's 1317 and 1318 of Kilcock block, Co. Kildare, October 1993 (4 pages). |
| Work report on PL 1316 Co. Kildare for the 1987 - 89 period (1 page) |
| Work report on PL 2518 Co. Kildare for the year ending 14/1/1994, (5 pages). |
| Work report on PL 3427 Co. Kildare Dec 1993, (5 pages). |
| Work report on PL 3549 Co. Kildare, (5 pages) |
| Work report on PL's 1155 to 1158 - Athy, Kildare 20/6/74 (2 pages). |
| Work report on PL's 1608 Co. Kildare, (8 pages). |
| Work report on PL's 1608, 2061, 2822 - 24 Kildare 1/2/80 to 31/1/82 (19 pages) location plan). |
| Work report on PL's 1624 - 1656 Co's Kildare, Laois and Offaly, (5 pages). |
| Work report on PL's 1633, 1634, 1635, 1636, 1637 and 1641 Kildare, Laois 28/3/77(5 pages) |
| Work report on PL's 1633, 1634, 1641, 2219, 2592, 2593 - Kildare, Laois - April 1980 to March 1981 (6 pages). |
| Work report on PL's 1633, 1634, 1641, 2219, 2592, 2593 Kildare Laois April 1981 to March 1982 (13 pages). |
| Work report on PL's 1634 - 1637, 1641 - Kildare 28/9/73 (4 pages). |
| Work report on PL's 3330 and 3332 Clane Co. Kildare year ending January 1993, (4 pages) |
| Work report on PL's 3374, 2062 2538, 1628, 3648. Cos. Offaly + Kildare, (5 pages). |
| Work report on PLs 1155 to 1158 - Athy, Kildare 14/7/75 (3 pages). |
| Work report on PLs 1316, 1317, 1318 Kilcock, Co. Kildare (5 pages) |
| Work Report on PLs 1316, 1317, 1318, Kilcock, Co. Kildare Oct. 1991) 7 pages) |
| Work report on PLs 1600, 1601, 1602, 1603, 1605, 1606, 1608, 1609, 1610 - Meath, Kildare, Dublin for the year ending 21/12/1978 (22 pages) |
| Work report on PLs 1600, 1601, 1602, 1603, 1605, 1606, 1608, 1609, 1610 - Meath, Kildare, Dublin for the year ending 31/12/1979 (22 pages) |
| Work report on PLs 1600, 1601, 1602, 1603, 1605, 1606, 1608, 1609, 1610, Meath, Kildare, Dublin two years ending 31/ 12/ 75. (34 pages). |
| Work report on PLs 1600, 1601, 1602, 1603, 1605, 1606,1608,1609,1610, Meath, Kildare, Dublin dated 25/9/73 (8 pages) |
| Work report on PLs 1600, 1601, 1603, 1605, 1606, 1608, 1609, 1610. - Meath, Kildare, Dublin year ending 31/12/77 (27 pages) |
| Work report on PLs 1633, 1634, 1641, 2219, 2592 and 2593 Kildare, Laois 1/4/82 to 15/9/82 (14 pages) |
| Work report on PLs 2822 - 2824, 1608 and 2061 Kildare 1/2/82 to 15/9/82 (5 pages) |
| Work report on PLs 3330 and 3332 Clane Co. Kildare year ending February 1992, (8 pages) |
| Work Report on Prospecting Licence 1316 Co. Kildare November 1992 (3 pages). |
| Work report on prospecting licence 1317 and 1318 Co. Kildare (4 pages). |
| Work Summary map of PL 3427 Monasterevin, Co. Kildare, Scale 5cm : 3kms. |
| Work summary map PL 3610 Monasterevin, Co. Kildare, Scale 1 : 63,650, Fig. 3. |
| Work summary map PL 3649 Monasterevin, Co. Kildare, Scale 1 : 63,650, Fig. 3. |
| Work summary map, Kildare Block, PL's 2514 + 3684, Scale 1:75,000, Fig. 3. |
| Zinc contours on PL 1610, 6" Kildare 6, 15 (includes DDHs 1-11 locations) |
| Zinc soil Geochemistry map, PL 3427 Monasterevin, Co. Kildare, Scale 1cm : 1km, Fig. 6. |
| Zn Cobra/ Bedrock map for PL 1632, O.S. Sheet Kildare 18, Scale 6" : 1 mile. |
| Zn, Pb Contours and stats on PLs 1606, 1609 - 25" Kildare 14/8, 12 |

Appendix 3 - Geotechnical reports in the GSI database relating to County Kildare

| |
|-----------------------------------|
| Kildare Town By-Pass M7 (82483) |
| Kildare Town By-Pass M7 (82484) |
| Kildare Town By-Pass M7 (82485) |
| Kildare Town By-Pass M7 (82486) |
| Kildare Town By-Pass M7 (82487) |
| Kildare Town By-Pass M7 (82488) |
| Kildare Town By-Pass M7 (82489) |
| Kildare Town By-Pass M7 (82490) |
| Kildare Town By-Pass M7 (82491) |
| Kildare Town By-Pass M7 (82492) |
| Kildare Town By-Pass M7 (82493) |
| Kildare Town By-Pass M7 (82494) |
| Kildare Town By-Pass M7 (82495) |
| Kildare Town By-Pass M7 (82496) |
| Kildare Town By-Pass M7 (82497) |
| Kildare Town By-Pass M7 (82498) |
| Kildare Town By-Pass M7 (82499) |
| Kildare Town By-Pass M7 (82500) |
| Kildare Town By-Pass M7 (82501) |
| Kildare Town By-Pass M7 (82502) |
| Kildare Town By-Pass M7 (82503) |
| Kildare Town By-Pass M7 (82504) |
| Kildare Town By-Pass M7 (82505) |
| Kildare Town By-Pass M7 (82506) |
| Kildare Town By-Pass M7 (82507) |
| Kildare Town By-Pass M7 (82508) |
| Kildare Town By-Pass M7 (82509) |
| Kildare Town By-Pass M7 (82510) |
| Kildare Town By-Pass M7 (82511) |
| Kildare Town By-Pass M7 (82512) |
| Kildare Town By-Pass M7 (82513) |
| Kildare Town By-Pass M7 (82514) |
| Kildare Town By-Pass M7 (82515) |
| Kildare Town By-Pass M7 (82516) |
| Kildare Town By-Pass M7 (82517) |
| Kildare Town By-Pass M7 (82518) |
| Kildare Town By-Pass M7 (82519) |
| Kildare Town By-Pass M7 (82520) |
| Kildare Town By-Pass M7 (82521) |
| Kildare Town By-Pass M7 (82522) |
| Kildare Town By-Pass M7 (82523) |
| Kildare Town By-Pass M7 (82524) |
| Kildare Town By-Pass M7 (82525) |
| Kildare Town By-Pass M7 (82526) |
| Kildare Town By-Pass M7 (82527) |
| Kildare Town By-Pass M7 (82528) |
| Kildare Town By-Pass M7 (82529) |
| Kildare Town By-Pass M7 (82530) |
| Kildare Town By-Pass M7 (82531) |
| Kildare Town By-Pass M7 (82532) |
| Kildare Town By-Pass M7 (82533) |
| Kildare Town By-Pass M7 (82534) |
| Kildare Town By-Pass M7 (82535) |
| Kildare Town By-Pass M7 (82536) |
| Kildare Town By-Pass M7 (82537) |
| Kildare Town By-Pass M7 (82538) |
| Kildare Town By-Pass M7 (82539) |
| Kildare Town By-Pass M7 (82540) |

Appendix 3 - Geotechnical reports in the GSI database relating to County Kildare

| |
|-----------------------------------|
| Kildare Town By-Pass M7 (82541) |
| Kildare Town By-Pass M7 (82542) |
| Kildare Town By-Pass M7 (82543) |
| Kildare Town By-Pass M7 (82544) |
| Kildare Town By-Pass M7 (82545) |
| Kildare Town By-Pass M7 (82546) |
| Kildare Town By-Pass M7 (82547) |
| Kildare Town By-Pass M7 (82548) |
| Kildare Town By-Pass M7 (82549) |
| Kildare Town By-Pass M7 (82550) |
| Kildare Town By-Pass M7 (82551) |
| Kildare Town By-Pass M7 (82552) |
| Kildare Town By-Pass M7 (82553) |
| Kildare Town By-Pass M7 (82554) |
| Kildare Town By-Pass M7 (82555) |
| Kildare Town By-Pass M7 (82556) |
| Kildare Town By-Pass M7 (82557) |
| Kildare Town By-Pass M7 (82558) |
| Kildare Town By-Pass M7 (82559) |
| Kildare Town By-Pass M7 (82560) |
| Kildare Town By-Pass M7 (82561) |
| Kildare Town By-Pass M7 (82562) |
| Kildare Town By-Pass M7 (82563) |
| Kildare Town By-Pass M7 (82564) |
| Kildare Town By-Pass M7 (82565) |
| Kildare Town By-Pass M7 (82566) |
| Kildare Town By-Pass M7 (82567) |
| Kildare Town By-Pass M7 (82568) |
| Kildare Town By-Pass M7 (82569) |
| Kildare Town By-Pass M7 (82570) |
| Kildare Town By-Pass M7 (82571) |
| Kildare Town By-Pass M7 (82572) |
| Kildare Town By-Pass M7 (82573) |
| Kildare Town By-Pass M7 (82574) |
| Kildare Town By-Pass M7 (82575) |
| Kildare Town By-Pass M7 (82576) |
| Kildare Town By-Pass M7 (82577) |
| Kildare Town By-Pass M7 (82578) |
| Kildare Town By-Pass M7 (82579) |
| Kildare Town By-Pass M7 (82580) |
| Kildare Town By-Pass M7 (82581) |
| Kildare Town By-Pass M7 (82582) |
| Kildare Town By-Pass M7 (82583) |
| Kildare Town By-Pass M7 (82584) |
| Kildare Town By-Pass M7 (82585) |
| Kildare Town By-Pass M7 (82586) |
| Kildare Town By-Pass M7 (82587) |
| Kildare Town By-Pass M7 (82588) |
| Kildare Town By-Pass M7 (82589) |
| Kildare Town By-Pass M7 (82590) |
| Kildare Town By-Pass M7 (82591) |
| Kildare Town By-Pass M7 (82592) |
| Kildare Town By-Pass M7 (82593) |
| Kildare Town By-Pass M7 (82594) |
| Kildare Town By-Pass M7 (82595) |
| Kildare Town By-Pass M7 (82596) |
| Kildare Town By-Pass M7 (82597) |
| Kildare Town By-Pass M7 (82598) |

Appendix 3 - Geotechnical reports in the GSI database relating to County Kildare

| |
|-----------------------------------|
| Kildare Town By-Pass M7 (82599) |
| Kildare Town By-Pass M7 (82600) |
| Kildare Town By-Pass M7 (82601) |
| Kildare Town By-Pass M7 (82602) |
| Kildare Town By-Pass M7 (82603) |
| Kildare Town By-Pass M7 (82604) |
| Kildare Town By-Pass M7 (82605) |
| Kildare Town By-Pass M7 (82606) |
| Kildare Town By-Pass M7 (82607) |
| Kildare Town By-Pass M7 (82608) |
| Kildare Town By-Pass M7 (82609) |
| Kildare Town By-Pass M7 (82610) |
| Kildare Town By-Pass M7 (82611) |
| Kildare Town By-Pass M7 (82612) |
| Kildare Town By-Pass M7 (82613) |
| Kildare Town By-Pass M7 (82614) |
| Kildare Town By-Pass M7 (82615) |
| Kildare Town By-Pass M7 (82616) |
| Kildare Town By-Pass M7 (82617) |
| Kildare Town By-Pass M7 (82618) |
| Kildare Town By-Pass M7 (82619) |
| Kildare Town By-Pass M7 (82620) |
| Kildare Town By-Pass M7 (82621) |
| Kildare Town By-Pass M7 (82622) |
| Kildare Town By-Pass M7 (82623) |
| Kildare Town By-Pass M7 (82624) |
| Kildare Town By-Pass M7 (82625) |
| Kildare Town By-Pass M7 (82626) |
| Kildare Town By-Pass M7 (82627) |
| Kildare Town By-Pass M7 (82628) |
| Kildare Town By-Pass M7 (82629) |
| Kildare Town By-Pass M7 (82630) |
| Kildare Town By-Pass M7 (82631) |
| Kildare Town By-Pass M7 (82632) |
| Kildare Town By-Pass M7 (82633) |
| Kildare Town By-Pass M7 (82634) |
| Kildare Town By-Pass M7 (82635) |
| Kildare Town By-Pass M7 (82636) |
| Kildare Town By-Pass M7 (82637) |
| Kildare Town By-Pass M7 (82638) |
| Kildare Town By-Pass M7 (82639) |
| Kildare Town By-Pass M7 (82640) |
| Kildare Town By-Pass M7 (82641) |
| Kildare Town By-Pass M7 (82642) |
| Kildare Town By-Pass M7 (82643) |
| Kildare Town By-Pass M7 (82644) |
| Kildare Town By-Pass M7 (82645) |
| Kildare Town By-Pass M7 (82646) |
| Kildare Town By-Pass M7 (82647) |
| Kildare Town By-Pass M7 (82648) |
| Kildare Town By-Pass M7 (82649) |
| Kildare Town By-Pass M7 (82650) |
| Kildare Town By-Pass M7 (83005) |
| Kildare Town By-Pass M7 (83006) |
| Kildare Town By-Pass M7 (83007) |
| Kildare Town By-Pass M7 (83008) |
| Kildare Town By-Pass M7 (83009) |
| Kildare Town By-Pass M7 (83010) |

Appendix 3 - Geotechnical reports in the GSI database relating to County Kildare

| |
|--|
| Kildare Town By-Pass M7 (83011) |
| Kildare Town By-Pass M7 (83012) |
| Kildare Town By-Pass M7 (83013) |
| Kildare Town By-Pass M7 (83014) |
| Kildare Town By-Pass M7 (83015) |
| Kildare Town By-Pass M7 (98970) |
| Kildare Town By-Pass M7 (98971) |
| Kildare Town By-Pass M7 (98972) |
| Kildare Town By-Pass M7 (98973) |
| Kildare Town By-Pass M7 (98974) |
| Kildare Town By-Pass M7 (98975) |
| Kildare Town By-Pass M7 (98976) |
| Kildare Town By-Pass M7 (98977) |
| Kildare Town By-Pass M7 (98978) |
| Kildare Town By-Pass M7 (98979) |
| Kildare Town By-Pass M7 (98980) |
| Kildare Town By-Pass M7 (98981) |
| Kildare Town By-Pass M7 (98982) |
| Kildare Town By-Pass M7 (98983) |
| Kildare Town By-Pass M7 (98984) |
| Kildare Town By-Pass M7 (98985) |
| Kildare Town By-Pass M7 (98986) |
| Kildare Town By-Pass M7 (98987) |
| Kildare Town By-Pass M7 (98988) |
| Kildare Town By-Pass M7 (98989) |
| Kildare Town By-Pass M7 (98990) |
| Kildare Town By-Pass M7 (98991) |
| Kildare Town By-Pass M7 (98992) |
| Kildare Town By-Pass M7 (98993) |
| Kildare Town By-Pass M7 (98994) |
| Kildare Town By-Pass M7 (98995) |
| Kildare Town By-Pass M7 (98996) |
| Kildare Town By-Pass M7 (98997) |
| Kildare Town By-Pass M7 (98998) |
| Kildare Town By-Pass M7 (98999) |
| Kildare Town By-Pass M7 (99000) |
| Kildare Town By-Pass M7 |
| Kildare Town Sewerage Scheme (78470) |
| Kildare Town Sewerage Scheme (78471) |
| Kildare Town Sewerage Scheme (78472) |
| Kildare Town Sewerage Scheme (78473) |
| Kildare Town Sewerage Scheme (78474) |
| Kildare Town Sewerage Scheme (78475) |
| Kildare Town Sewerage Scheme |
| Soakaways at Kildare Convent (75449) |
| Soakaways at Kildare Convent (75450) |
| Soakaways at Kildare Convent |
| St. Marys College, Naas, Co. Kildare (78502) |
| St. Marys College, Naas, Co. Kildare (78503) |
| St. Marys College, Naas, Co. Kildare (78504) |
| St. Marys College, Naas, Co. Kildare (78505) |
| St. Marys College, Naas, Co. Kildare (98607) |
| St. Marys College, Naas, Co. Kildare (98608) |
| St. Marys College, Naas, Co. Kildare (98609) |
| St. Marys College, Naas, Co. Kildare (98610) |
| St. Marys College, Naas, Co. Kildare (98611) |
| St. Marys College, Naas, Co. Kildare (98612) |
| St. Marys College, Naas, Co. Kildare |

Appendix 4 - Location of Kildare geological collections in museums

This is an overview, without individual specimen details of where significant collections are known to be held in museums in Ireland and Britain. It is not an exhaustive list and many others may be identified, including outside of Ireland or Britain, in University departments and geological museums.

National Museum of Ireland

The Griffith Collection of invertebrates will include both important material from the Kildare inlier and from the Carboniferous around the county. In particular material from around the Millicent and Clane area will feature strongly as this was where Griffith's family estates were. Contact Nigel Monaghan or Matthew Parkes, in the Natural History Division.

The Geological Survey of Ireland

Many hundreds of specimens collected by the GSI during original geological mapping of the country in the 19th century are held in Beggars Bush. Additionally, some more modern material is available but poorly accessible, due to lack of cataloguing. Microfossils from boreholes and processed samples are also held. Contact Andy Sleeman (01-6782862) for information.

Trinity College Dublin, Geological Museum

A wide range of material from Kildare will be present, including research collections by staff and students from many decades. Contact Patrick Wyse Jackson (01-6081477) for further information.

James Mitchell Museum, National University of Ireland, Galway

A quite limited range of material from Kildare, including some distributed collections from GSI, made in the 19th century for teaching purposes. Contact Martin Feely (091-524411)

Geology Museum, UCC, Cork

A quite limited range of material from Kildare, including some distributed collections from GSI, made in the 19th century for teaching purposes. Contact Bettie Higgs (021-4902117) for specific enquiries.

Department of Geosciences, NUI Dublin

Research collections will be held in the department including microfossils from a number of Kildare sites. Contact Ian Somerville (01-7162325) for specific enquiries.

British Geological Survey

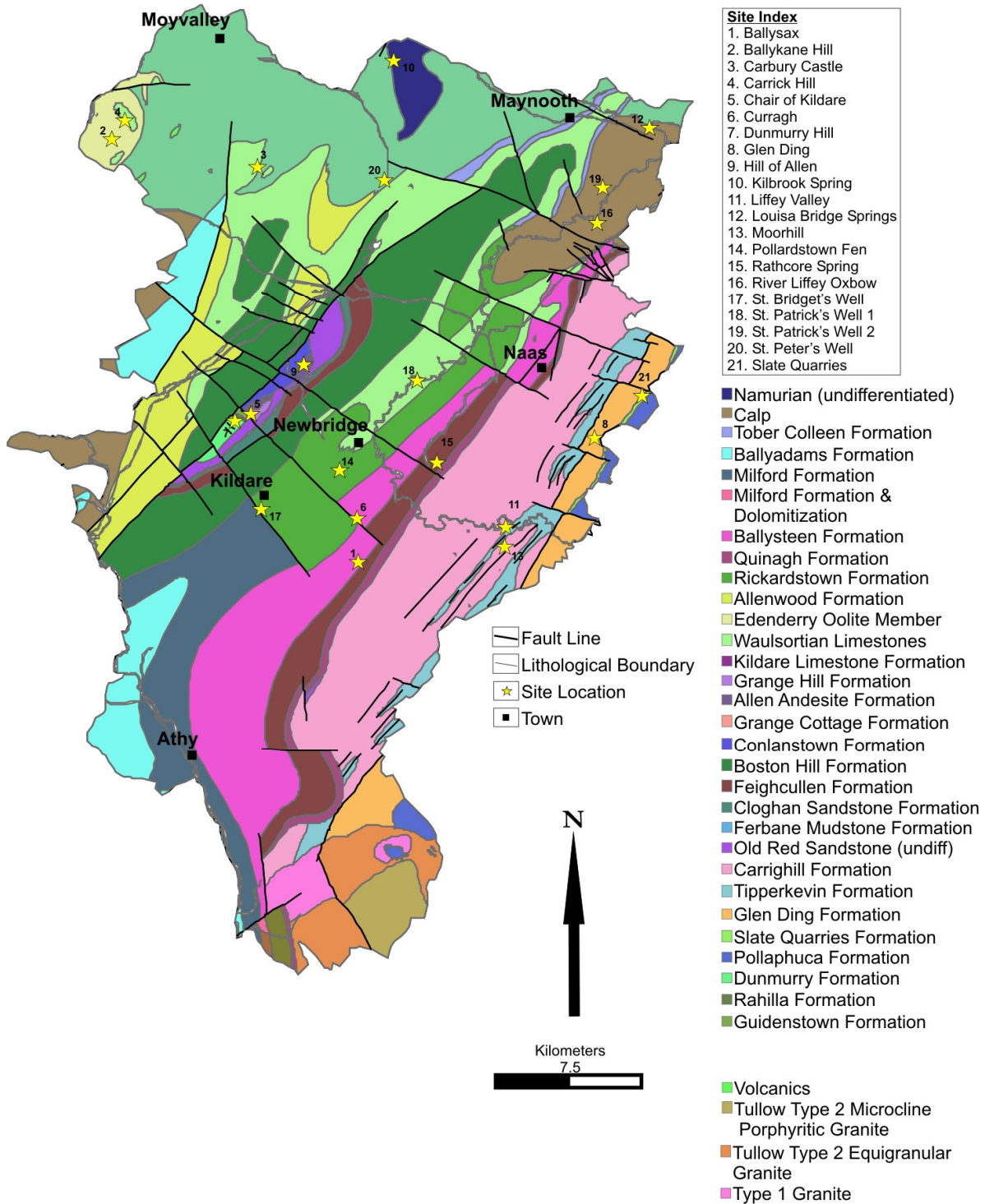
There are extensive collections of Irish fossils in the BGS, mostly dating from the 19th century, when GSI was a branch of the GSGB, including many type specimens. Localities such as the Chair of Kildare will feature in this material.

Natural History Museum, London

Many type specimens will be held in the Natural History Museum in London, and this includes some Kildare material. For instance material from Kildare described by Parkes in the Bulletin of the British Museum (Natural History) in 1994 has been split so that type and figured material is held in London, the remainder in the collections of NUI Galway.

Appendix 5

Detailed Geological Map of Kildare Including Site Locations



Appendix 6 – Bibliography – Geology of County Kildare

This bibliography is quite comprehensive, but is certainly not claimed to be definitive. Any additional references (and preferably a copy of the publication) relating to the geology, geomorphology or hydrogeology of County Kildare will be welcomed by the Heritage Officer.

Aldwell, C.R. and Burdon, D.J. 1986. Energy Potential of Irish Groundwaters. *Quarterly Journal Engineering Geology* 19, 133-141.

Andrew, C.J. 1993. Mineralisation in the Irish Midlands. *In: Patrick, R.A.D., and Polya, D.A. (eds.), Mineralisation in the British Isles*. Chapman Hall, London.

BALDING, A.B., 1985, Air photograph lineament analysis of West Wicklow (Glen of Imaal) and East Kildare. Unpublished B.Sc. thesis, University of Dublin.

Bates, R.L. and Jackson, J.A. 1987. *Glossary of Geology*, 5th edn. Alexandria, Virginia: American Geological Institute.

Bell, A. 1992. The Leinster granites: Dimension stone potential. *Geological Survey of Ireland Report Series RS 92/4*.

Brenchley, P.J., Harper, J.C., Mitchell, W.I. and Romano, M. 1977. A re-appraisal of some Ordovician successions in eastern Ireland. *Proceedings of the Royal Irish Academy* 77, 65-85.

Brenchley, P.J., Harper, J.C. and Skevington, D. 1967. Late Ordovician shelly and graptolitic faunas from south-eastern Ireland. *Proceedings of the Royal Irish Academy* 65B, 385-390.

Bruck, P.M., 1970, Sedimentary Petrology, Stratigraphy and Structure of the Greywacke Formations in Kildare and West Wicklow. Unpublished Ph.D. thesis, National University of Ireland, University College Dublin.

Brück, P.M. 1971a. The Lower Carboniferous rocks of the Naas District, Co. Kildare. *Geological Survey of Ireland Bulletin* 1, 211-221.

Brück, P.M. 1971b. A note on some Old Red Sandstone rocks at Forenaghts Great, Co. Kildare. *Irish Naturalists' Journal* 17, 17-19.

Brück, P.M. 1972. Stratigraphy and sedimentology of the Lower Palaeozoic greywacke formations in Counties Kildare and west Wicklow. *Proceedings of the Royal Irish Academy* 72B, 25-54.

Brück, P.M. 1973. Structure of the Lower Palaeozoic formations west of the Leinster Granite in Counties Kildare and and West Wicklow. *Scientific Proceedings of the Royal Dublin Society* 4A, 391-409.

Brück, P.M., Colthurst, J.R.J., Feely, M., Gardiner, P.R.R., Penny, S.R., Reeves, T.J., Shannon, P.M., Smith, D.G. and Vanguetaine, M. 1979. South-East Ireland: Lower Palaeozoic Stratigraphy and depositional history. *In: A.L. Harris, C.H. Holland and B.E. Leake (eds), The Caledonides of the British Isles – reviewed. Geological Society of London Special Publication* 8, 533-544.

- Brück, P.M. and O'Connor, P.J. 1977. The Leinster Batholith: geology and geochemistry of the northern units. *Geological Survey of Ireland Bulletin 2*, 107-141.
- Brück, P.M. and O'Connor, P.J. 1980. Major transverse and other linears in the Leinster Granite. *Geological Survey of Ireland Bulletin 2*, 349-370.
- Bruck, P.M. and Downie, C., 1974. Silurian microfossils from west of the Leinster Granite. *Journal of the Geological Society, London*, 130, 383-386.
- Burdon, D.J. 1983. *Irish Geothermal Project Phase 1*. Minirex Ltd, Dublin.
- Buttler, C.J. 1993. Ordovician (Ashgill) microbryozoans from the Kildare Limestone, Ireland. In: Ryland, J.S., Hayward, P.J. and Taylor, P.D. (eds) *Biology and Palaeobiology of Bryozoans*, 37-40. Fredensborg, Olsen and Olsen.
- Daly, E.P. 1985. Hydrogeology, In: Edwards, K.J. and Warren, W.P. (eds.) "*The Quaternary History in Ireland*". Academic Press, London, pp. 331-343.
- Davis, G.L. and Hill, W.M. de C. 1965. A Thermal Spring In Co. Kildare. *Irish Naturalists' Journal* 15, pp 73-74.
- Dean, W.T. 1971. The Trilobites of the Chair of Kildare Limestone (Upper Ordovician) of Eastern Ireland. *Palaeontographical Society (Monograph)*, 125, Part 1, p. 1-60, pl. 1-25.
- Dean, W.T. 1974. The Trilobites of the Chair of Kildare Limestone (Upper Ordovician) of Eastern Ireland. *Palaeontographical Society (Monograph)*, Part 2, p. 61-98, pl. 26-44
- Dean, W.T. 1978. The Trilobites of the Chair of Kildare Limestone (Upper Ordovician) of Eastern Ireland. *Palaeontographical Society (Monograph)*, 131, Part 3, p. 99-129, pl. 45-52.
- Dunning, F.W., Adams, P.J., Thackray, J.C., van Rose, S., Mercer, I.F. and Roberts, R.H. 1981. *The story of the Earth*. (2nd edition). Geological Museum, HMSO, 36pp.
- Eagar, R.M.C. 1964. The Succession and Correlation of the Coal Measures of south eastern Ireland. *C.R. 5^{Me}. Cong. int. Strat. Geol. Carb.*, Paris 1963, 359-374.
- Emo, G.T. 1986. Some considerations regarding the styles of Mineralisation at Harberton Bridge, Co. Kildare. In: Andrew, C.J., Crowe, R.W.A., Finlay, S., Pennell, W.M. and Pine, J.F. (eds.) *Geology and genesis of mineral deposits in Ireland*, 461-469, Irish Association for Economic Geology
- Fahy, E., 1975. The Biology of a thermal spring at Enfield, Co. Meath, with some observations on other Irish thermal springs. *Proceedings of the Royal Irish Academy*, 75B, 111-123.
- Feehan, J. and O'Donovan, G. 1996. The Bogs of Ireland. An Introduction to the Natural, Cultural and Industrial Heritage of Irish Peatlands. *University College Dublin. The Environmental Institute*.
- Forde, A. 1984. An interpretation of some soil geochemistry patterns southwest of Maynooth, County Kildare. *Unpubl. B.Sc. thesis, Univ. Dubl.* 1 vol, 24pp, 8fig.

Fortey, R.A., Harper, D. A.T., Ingham, J.K., Owen, A.W., Parkes, M.A., Rushton, A.W.A. and Woodcock, N.H. 2000. A revised Correlation of the Ordovician Rocks in the British Isles. *Geological Society of London Special Report 24*.

Gallagher, V., Boyce, A.J., Fallick, A.E. and Mohr, P.J. 1992. An isotopic study of the Harberton Bridge Fe-Zn-Pb deposit, Co. Kildare, and its implications for metallogenesis in Ireland. *In: Bowden, A.A., Earls, G., O'Connor, P.G. and Pyne, J.F. (eds.), The Irish Mineral Industry 1980-1990. Irish Association for Economic Geology 261- 272.*

Hammond, R.F., Warren, W.P. and Daly, D. 1987. Offaly and West Kildare. *Irish Association for Quaternary Studies Field Guide 10*.

Hitzman, M.W. 1992. *Bedrock geological map of the Carboniferous of Central Ireland, (1:100,000 Scale, O.S. sheets 12, 13, 16, 18 and 19)*. Geological Survey of Ireland

Holdstock, M.P. 1983. The Lower Carboniferous Geology and Base Metal Mineralization of North East County Kildare, Ireland. *Unpublished Ph.D. Thesis, National University of Ireland 2 volumes.*

Holdstock, M.P. 1981. Breccia-hosted Zinc-Lead mineralisation in Tournaisian and Lower Viséan Carbonates at Harberton Bridge, County Kildare. *In: A.G. Brown. (ed.), Mineral Exploration in Ireland. Progress and Development 1971-1981. Wexford Conference 1981. Irish Association for Economic Geology 83-91.*

Holland, C.H. 1981. *A Geology of Ireland*. Scottish Academic Press, 335pp.

Holland, C.H. 1993. Nautiloid cephalopods of the Kildare Limestone (Ashgill), Ireland. *Geological Journal 28, 37-44.*

Holland, C.H. (ed.). 2001. *The Geology of Ireland*. Dunedin Academic Press, Edinburgh.

Holmes, A. 1978. Principles of Physical Geology. (3rd edition revised by D. Holmes), Thomas Nelson, 730pp.

Howes. M.J., Boland, M.A., Flegg, A.M. and McKenna, K. 1988. Quarry directory of active quarries and pits in Ireland. *Geological Survey of Ireland Report Series RS88/3*.

Jukes, J.B. and Kinahan, G.H. 1859. Explanations to accompany Sheet 128 (Formerly Quarter sheet 35 S.E.) of the maps of the Geological Survey of Ireland, illustrating parts of the County of Kildare and Queen's County. *Memoirs of the Geological Survey of Ireland 31pp.*

Keary, R.P., 1960, Geological Survey of a District on the Dublin Kildare Border, including Rathcool, Saggart, Lyons Hill and Oughterard., Unpublished B.Sc. thesis, National University of Ireland, University College Dublin.,

Kennan, P.S., McArdle, P., Williams, F.M. and Doyle, E. 1986. A review of metal deposits associated with the Leinster Granite, SE Ireland and a model for their genesis. *In: C.J., Andrew, R.W.A. Crowe, S. Finlay, W.M. Pennell and J.F. Pine*

(editors), *Geology and Genesis of Mineral Deposits in Ireland*. Irish Association for Economic Geology, 201-210.

Lees, A. 1964. The structure and origin of the Waulsortian "reefs" (Lower Carboniferous) of west-central Ireland. *Philosophical Transactions of the Royal Society B*247, 483-521.

Magee, L.M. 1973. The Geology of the Kildare Inlier. *Unpublished B.A. Thesis, University of Dublin* 1 vol, 32pp, 10 fig, 4pl.

Marchant, T.R. and Sevastopulo, G.D. 1980. The Calp of the Dublin District. *Journal of Earth Sciences, Royal Dublin Society* 3, 195-203.

Max, M.D., Barber, A.J. and Martinez, J. 1990. Terrane assemblage of the Leinster Massif, SE Ireland, during the Lower Palaeozoic. *Journal of the Geological Society of London*147, 1035-1050.

McClellan, A.E. 1988. Epithelial moulds from some Upper Ordovician acrotretide brachiopods of Ireland. *Lethaia* 21, 43-50.

McConnell, B. and Philcox, M.E. 1994. Geology of Kildare - Wicklow. A geological description to accompany the Bedrock Geology 1:100,000 Map Series, Sheet 16, Kildare -Wicklow. Geological Survey of Ireland vii + 69pp.

Mitchell, F. 1986. The Shell Guide to Reading the Irish Landscape. Michael Joseph/County House, 228pp.

Murphy, F.C., Anderson, T.B., Daly, J.S., Gallagher, V., Graham, J.R., Harper, D.A.T., Johnston, J.D., Kennan, P.S., Kennedy, M.J., Long, C.B., Morris, J.H., O'keefe, W.G., Parkes, M.A., Ryan, P.D., Sloan, R.J., Stillman, C.J., Tietzch-Tyler, D., Todd, S.P. & Wrafter, J.P., 1991. Appraisal of Caledonian suspect terranes in Ireland. *Irish Journal of Earth Sciences*, 11, 11-41.

Nevill, W.E. 1961. The Westphalian of Ireland; Monaghan Coalfield by J.S. Jackson, with a note on the non-marine lamellibrach faunas and their zonal significance in the Leinster, Slieveardagh and Kanturk Coalfields by R.M.C. Eager. *C.R. 4me. Cong. int. Strat. Geol. Carb.*, Heerlen 1958 2, 453-460.

O'Connor, P.J., Aftalion, M. and Kennan, P.S. 1989. Isotopic U-Pb ages of zircon and monazite from the Leinster Granite, southeast Ireland. *Geological Magazine* 126, 725-728.

Oldham, T. 1848. On the section of the rocks at the Chair of Kildare. *Journal of the Geological Society Dublin* 3, 260-262.

OWEN, A.W. and PARKES, M.A. 2000 Trilobite faunas of the Duncannon Group: Caradoc stratigraphy, environments and palaeobiogeography of the Leinster terrane, Ireland. *Palaeontology* 43, 219-269.

Parkes, M.A. 1992. Caradoc brachiopods from the Leinster terrane (S.E. Ireland) – a lost piece of the lapetus puzzle? *Terra Nova* 4, 223-230.

Parkes, M.A. 1994. The brachiopods of the Duncannon Group (middle-upper Ordovician) of southeast Ireland. *Bulletin of the British Museum, Natural History, London*, 50 (2), 105-174.

- Parkes, M.A. and Palmer, D.C. 1994. The stratigraphy and palaeontology of the Lower Palaeozoic Kildare Inlier, Co. Kildare, Ireland. *Irish Journal of Earth Sciences* 13, 65-81.
- Philcox, M.E. 1984. *Lower Carboniferous Lithostratigraphy of the Irish Midlands*. Irish Association for Economic Geology 89pp.
- Philcox, M.E. 1994a. The Lower Carboniferous Geology of 1:100,000 Sheet 16, Kildare-Wicklow. *Geological Survey of Ireland Unpublished Report*. 25 pp.
- Philcox, M.E. 1994b. Summary of the Succession in the GSI Borehole 91-25 (Milford, Co. Carlow). *Geological Survey of Ireland Unpublished Report*. 11pp.
- Phillips, W.E.A. and Sevastopulo, G.D. 1986. The stratigraphic and structural setting of Irish mineral deposits. In: Andrew, C.J., Crowe, R.W.A., Finlay, S., Pennell, W.M. and Pyne, J.F. (eds) *Geology and genesis of mineral deposits in Ireland*. Ir. Assoc. Econ. Geol. 1-30.
- ROBINSON, K.W., 1971, Gravity and magnetic investigations of the area between Lambay Island and Kildare, Eastern Ireland. Unpublished Ph.D. thesis, University of Dublin.
- Reynolds, S.H. and Gardiner, C.I. 1896. The Kildare Inlier. *Quarterly Journal of the Geological Society of London* 52, 587-605.
- Rothery, E. 1989. Transpression in the Variscan foreland: a study in east-central Ireland. *Irish Journal of Earth Sciences* 10, 1-12.
- Roycroft, P. 1991. Magmatically zoned muscovite from the peraluminous two mica granites of the Leinster batholith, southeast Ireland. *Geology* 19, 437-440.
- Stillman, C.J. and Francis, E.H. 1979. Caledonide volcanism in Britain and Ireland. In: A.L. Harris, C.H. Holland and B.E. Leake (eds.), *The Caledonides of the British Isles – reviewed*. *Geological Society of London Special Publication* 8, 557-578.
- Stillman, C.J. and Williams, C.T. 1978. Geochemistry and tectonic setting of some Upper Ordovician volcanic rocks in east and southeast Ireland. *Earth and Planetary Scientific Letters* 41, 288-310.
- Strogen, P. and Somerville, I.D. 1984. The stratigraphy of the Upper Palaeozoic rocks of the Lyons Hill area, County Kildare. *Irish Journal of Earth Sciences* 6, 155-173.
- Temple, J.T. 1965. The trilobite genus *Oedicybele* from the Kildare Limestone (Upper Ordovician) of Eire. *Palaeontology* 8, 1-4.
- Thackray, J. 1980. *The age of the Earth*. Geological Museum, HMSO, 36pp.
- Tietzsch-Tyler, D. 1989. The Lower Palaeozoic geology of S.E. Ireland – a revaluation. *Annual Review Irish Association for Economic Geology*, 112-119.
- Turner, J. S. 1948. Mid-Dinantian Reef Limestones of Dublin and Cork. *Transactions of the Leeds Geological Association*, 6, 44-56.

Turner, J.S. 1950. The Southeast Boundary of the Kildare Hills Inlier at the Chair of Kildare. *Irish Naturalists' Journal* 10, 24.

Turner, J.S. 1984. The Northeastern end of the Chair of Kildare Inlier. *Irish Naturalists' Journal* 9, 157-158.

Whittow, J.B. 1974. *Geology and Scenery in Ireland*. Pelican Books, 301pp.

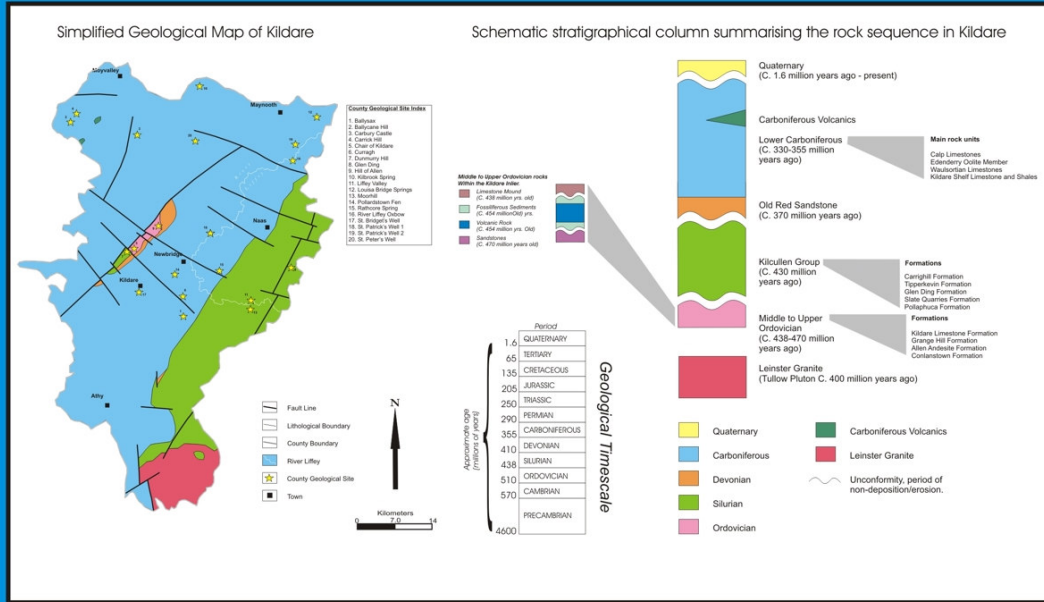
Wright, A.D. 1967. A Note on the Stratigraphy of the Kildare Inlier. *Irish Naturalists' Journal* 15, 340-342.

WRIGHT, A.D. 1968. A Westward extension of the upper Ashgillian Hirnantia fauna. *Lethaia*, 1, 354-367.

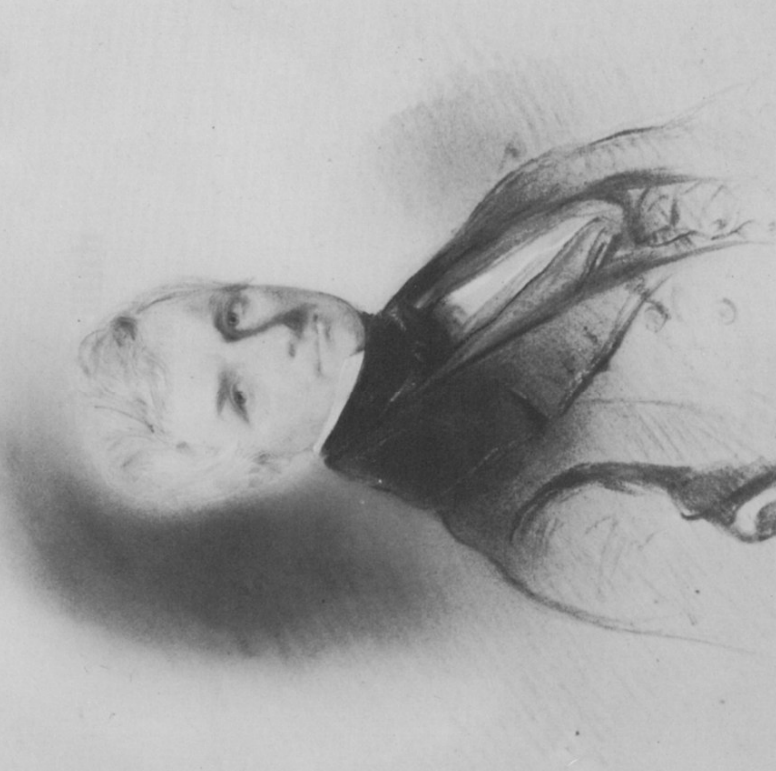
WRIGHT, A.D. 1970. The stratigraphic distribution of the Ordovician inarticulate brachiopod *Orthisocrania divaricata* (M'Coy) in the British Isles. *Geological Magazine*, 107, 97-103.

WRIGHT, A.D. and McCLEAN, A.E. 1991. Microbrachiopods and the End-Ordovician Event. *Historical Biology*, 5, 123-129.

Kildare's Geology



Richard Griffith



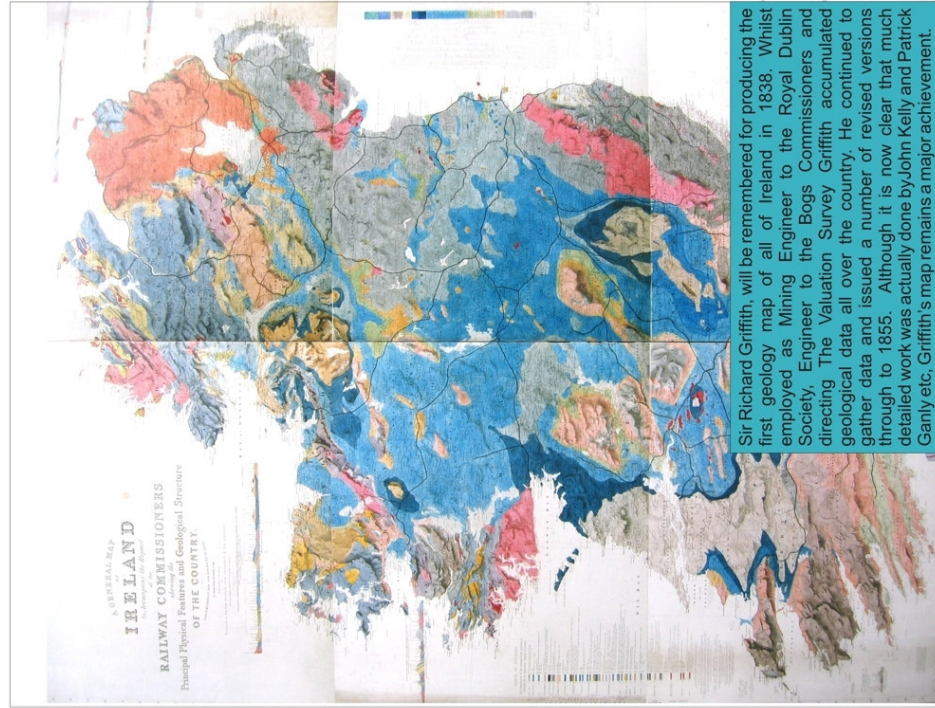
SIR RICHARD JOHN GRIFFITH, (1784-1878), Irish geologist spent much of his youth at the Griffith family estate of Millicent, near Clane, Co. Kildare. He studied chemistry, mineralogy and mining for two years in London and then examined the mining districts in various parts of England, Wales and Scotland. In 1809 he was appointed by the commissioners to inquire into the nature and extent of the bogs in Ireland, and the means of improving them. In 1812 he was elected mining engineer to the Royal Dublin Society. During subsequent years as leader of the Valuation Survey, Railway Commissioners, and in other public roles he made many surveys and issued many reports on mineral districts in Ireland, and these formed the foundation of his first geological map of the country (1838) earning him the title 'Father of Irish Geology'.

Griffith's Bog of Allen Map



Richard Griffith's 1810 map of the Bog of Allen is one of many he produced as Engineer working for the Bogs Commissioners. The Bogs Commissioners reported directly to Parliament in England. Their recommendations based on Griffith's suggestions, were mainly to drain the bogs for agriculture, rather than as an economic resource for fuel. (Only part map shown)

Richard Griffith's Geological Map of Ireland



Sir Richard Griffith, will be remembered for producing the first geology map of all of Ireland in 1838. Whilst employed as Mining Engineer to the Royal Dublin Society, Engineer to the Bogs Commissioners and directing The Valuation Survey Griffith accumulated geological data all over the country. He continued to gather data and issued a number of revised versions through to 1855. Although it is now clear that much detailed work was actually done by John Kelly and Patrick Ganly etc, Griffith's map remains a major achievement.

Kildare's Bogs



Irish bogs are a leading source of fossil fuel energy as well as a habitat for many plants and animals. The extraction of peat is an important part of Kildare's industrial heritage. It has evolved through the generations from cutting the raised bog by hand to extracting bog using heavy machinery. The upper layers are scraped off and milled for use as garden compost, before the more decayed peat, of lower layers is compressed and baled into briquettes.



The Blessington Delta complex



The Blessington delta complex is mostly located in West Wicklow but part is in Kildare. It is a massive landform which was created by a delta formed in a massive temporary lake contained between ice sheets. Pits such as this one show deposits that are at least 60m thick, with a range of sedimentary structure, illustrating a complex history.

The Blessington delta complex is now 'too far gone' to be designated for geological conservation, with much being reclaimed farmland. The Blessington gravel pits are the biggest source of sand and gravel for the Dublin market. They show the problems of conserving geomorphological landscape features against competing interest of economic commodities. Most Blessington pits have however been recorded by a local geologist as the faces have worked back.

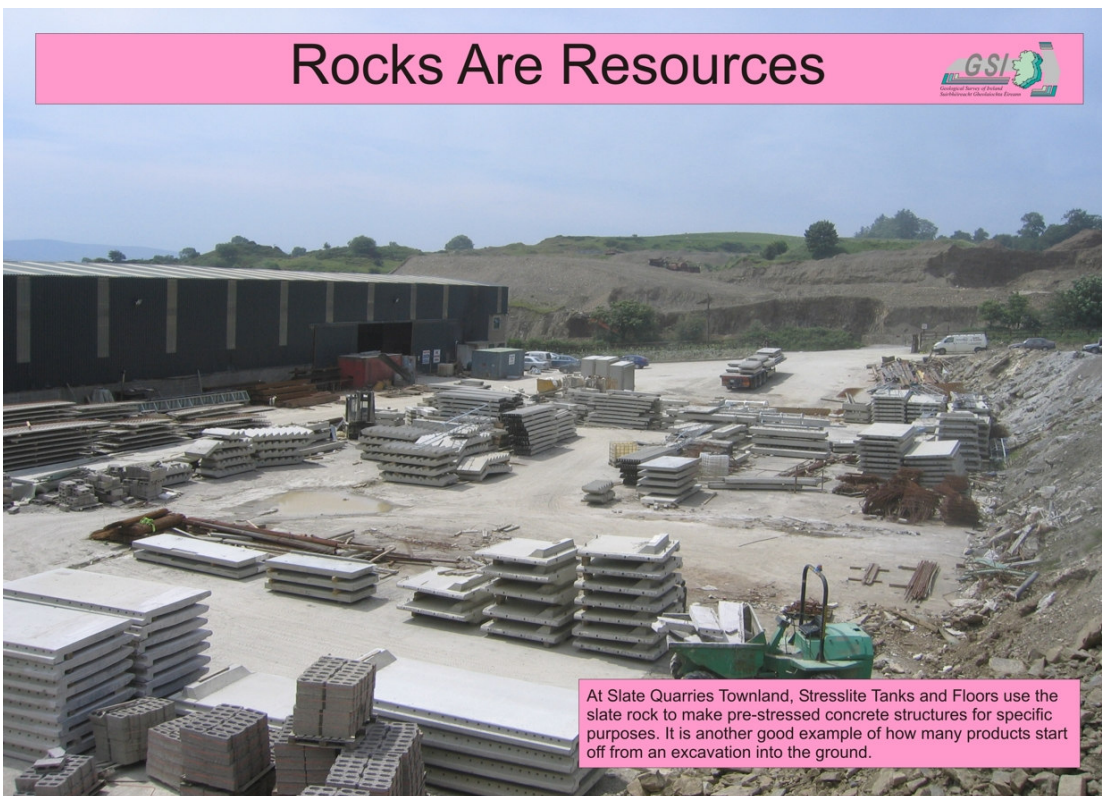
Geodiversity and Biodiversity



The biodiversity all around us is dependent on the geodiversity, with rocks and soils influencing the plants that grow and the available habitats for animals. Human use of sand deposits in the county has created new habitats for sand martins. The steep faces provide opportunities for nesting burrows.

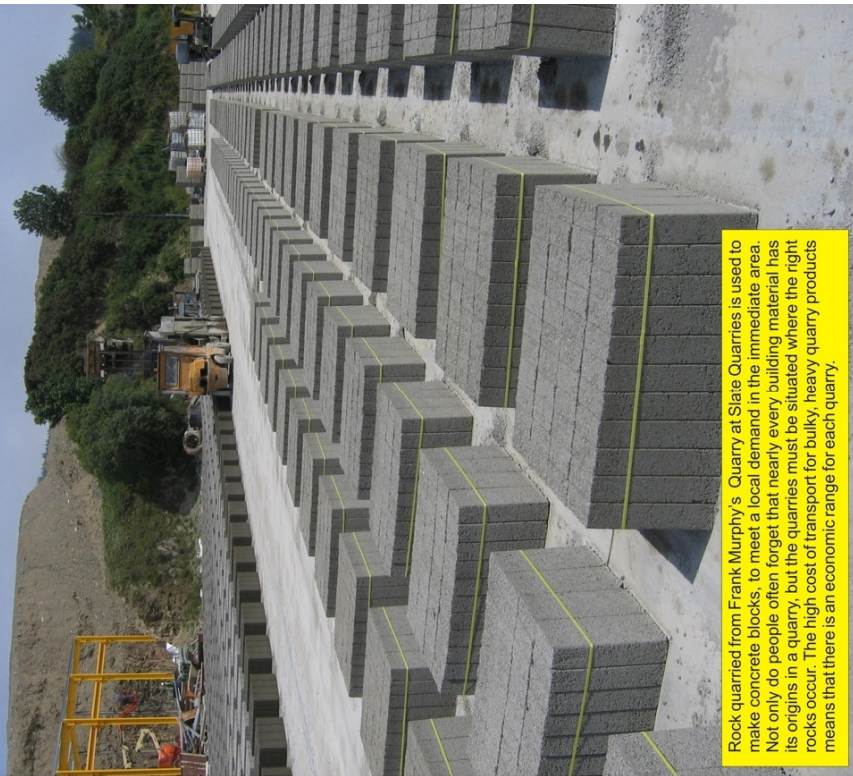


Rocks Are Resources



At Slate Quarries Townland, Stresslite Tanks and Floors use the slate rock to make pre-stressed concrete structures for specific purposes. It is another good example of how many products start off from an excavation into the ground.

Rocks Are Resources



Rock quarried from Frank Murphy's Quarry at Slane Quarries is used to make concrete blocks, to meet a local demand in the immediate area. Not only do people often forget that nearly every building material has its origins in a quarry, but the quarries must be situated where the right rocks occur. The high cost of transport for bulky, heavy quarry products means that there is an economic range for each quarry.

Containing our waste

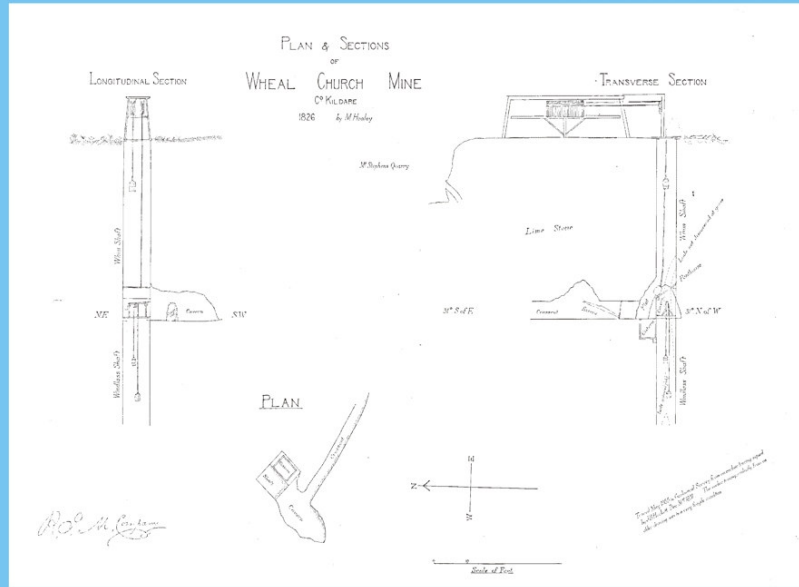


Kildare's modern landfill sites, such as Arthurstown, are run with environmental protection as a first priority. In order to protect groundwater, to minimise smells and nuisance, and to control methane gas build-up it is absolutely critical to understand the earth materials which are used in the management of the site.

Wheatfield Upper (Church Mine)



At Wheatfield Upper, near Straffan there was once a lead mine. It would have been working a vein deposit of the mineral galena (lead sulphide), which is itself quite common in small amounts throughout the Carboniferous limestone areas. It was worked from at least 1826 but was reported as exhausted by 1845. This copy of a surviving plan and section of the mine shows considerable detail of both surface and underground working. There is now no trace remaining on the ground and the adjacent quarry has been filled in too.



Hill of Allen



This working quarry has excavated deep within the Hill of Allen, leaving an impressive scar on the landscape as well as producing high, vertical cliffs, which border much of the site. This site gives us an opportunity to explore and investigate the porphyritic andesite lava covering this area, which would normally be hidden by glacial material, as is the case in much of County Kildare.

Ballysax



Without the extraction of raw materials, such as at this quarry in Ballysaxhills, the ground beneath us would in most cases be a mystery. The walls of this glacially deposited gravel pit display a number of interesting sedimentary structures, which are an insight into how the landscape of this area, including the Curragh to the north, were formed. This working pit also appears to be a habitat for a large number of Sand Martins, which nest within the open faces of sand and gravel this quarry has exposed (see inset).



Slate Quarries



The Townland of Slate Quarries in east Kildare, near Blessington is notable for its Slate Quarries! These slates can be seen in a range of quarries. Although the original small quarries were probably for poor quality roofing slates, modern extraction is concentrated in three quarries run by different companies. Their output is for aggregate and concrete products, no longer for slates which nowadays are generally imported.

Slate Quarries



Kearney Seale Quarries is one of three active quarries in the Townland of Slate Quarries in east Kildare. Their output is for aggregate, no longer for slates which nowadays are generally imported.



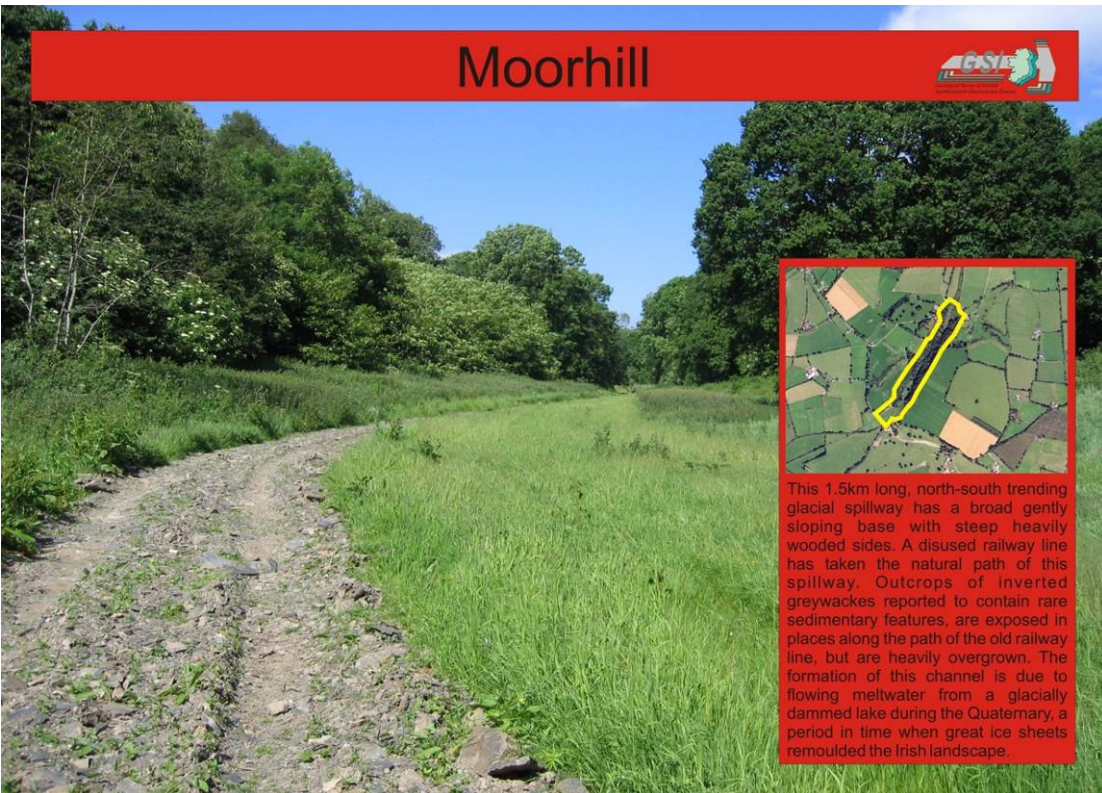
Glen Ding



This heavily wooded valley was formed during the last Ice Age - a time when Ireland's countryside was reshaped and remoulded by ice sheets. The formation of Glen Ding, found 2km northeast of Blessington, was the result of fast flowing meltwater from a glacier, leaving a feature known as a glacial spillway. At Glen Ding this can be seen as a dry valley with steep sided walls. Today Glen Ding is an impressive wooded landscape feature, but is really only part of the wider glacial delta complex near Blessington, which has been heavily quarried.

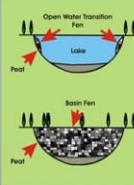


Moorhill



This 1.5km long, north-south trending glacial spillway has a broad gently sloping base with steep heavily wooded sides. A disused railway line has taken the natural path of this spillway. Outcrops of inverted greywackes reported to contain rare sedimentary features, are exposed in places along the path of the old railway line, but are heavily overgrown. The formation of this channel is due to flowing meltwater from a glacially dammed lake during the Quaternary, a period in time when great ice sheets remoulded the Irish landscape.

Pollardstown Fen & Springs



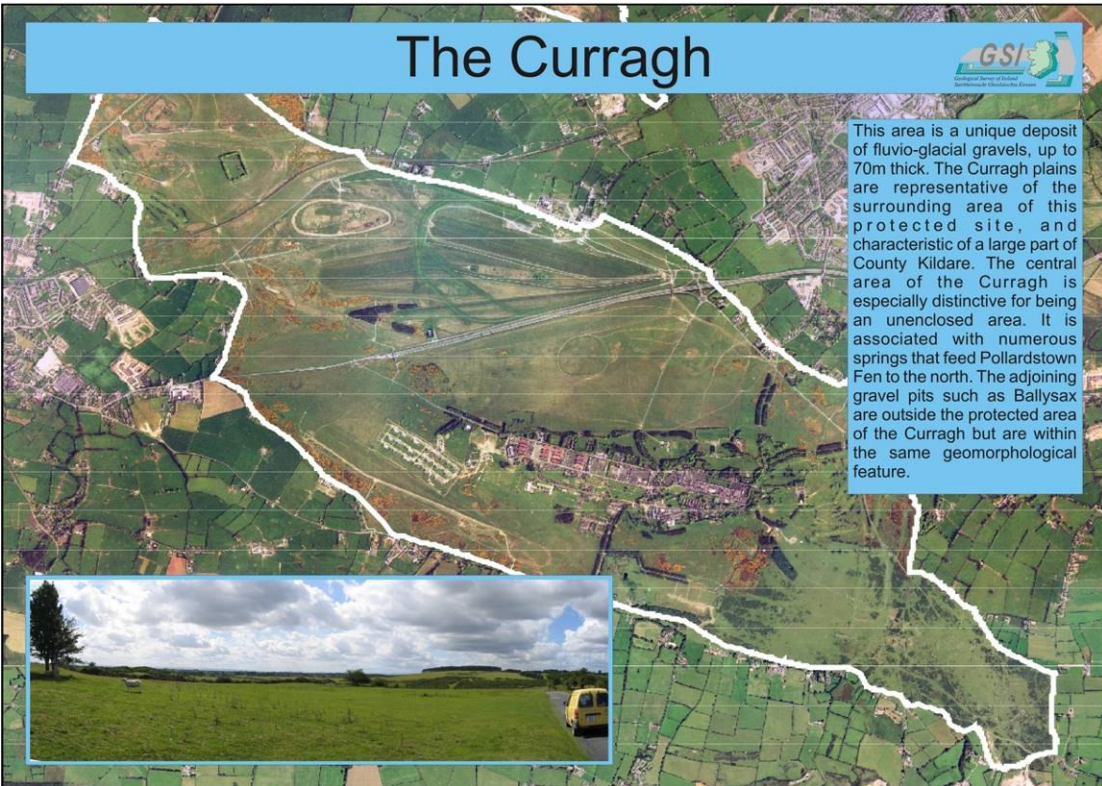
The formation of Pollardstown Fen began after the last Ice Age, approximately 10,000 years ago. Retreating ice sheets left behind a large hollow, filled with glacial meltwater, which was bounded by glacial sands and gravels. The lake was fed by calcium rich springs from beneath the Curragh plains, itself a great expanse of glacial gravels. Over time these mineral rich springs supported floating plant communities on the lake, while other plant species such as sedge and reed colonised the lake edge. As this plant material died it did not decompose fully due to a deoxygenated environment and their remains collected on the lake bottom as fen peat. Over the last ten millennia the lake at Pollardstown Fen has become filled with the accumulation of peat to form a fen.



Pollardstown Fen is the largest remaining calcareous spring fed fen in Ireland. The fen is made up of a central lake, reed swamps, forestry on its northern margins and a large number of springs. Some of the most obvious springs that feed this area can be seen on the southern flanks of Pollardstown Fen. The Seven Springs Complex (inset right) is one such example. Pollardstown Fen is recognised internationally for its biodiversity, with a large range of species of plants and animals calling this marshland home.



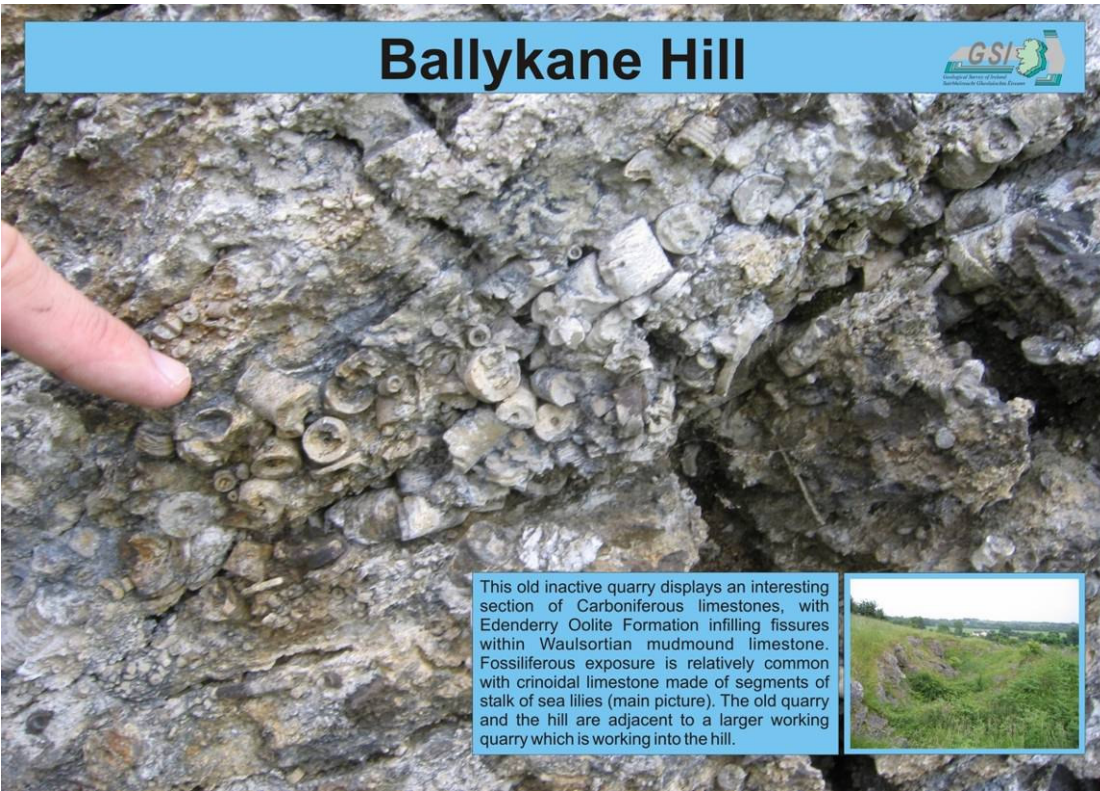
The Curragh



This area is a unique deposit of fluvio-glacial gravels, up to 70m thick. The Curragh plains are representative of the surrounding area of this protected site, and characteristic of a large part of County Kildare. The central area of the Curragh is especially distinctive for being an unenclosed area. It is associated with numerous springs that feed Pollardstown Fen to the north. The adjoining gravel pits such as Ballysax are outside the protected area of the Curragh but are within the same geomorphological feature.



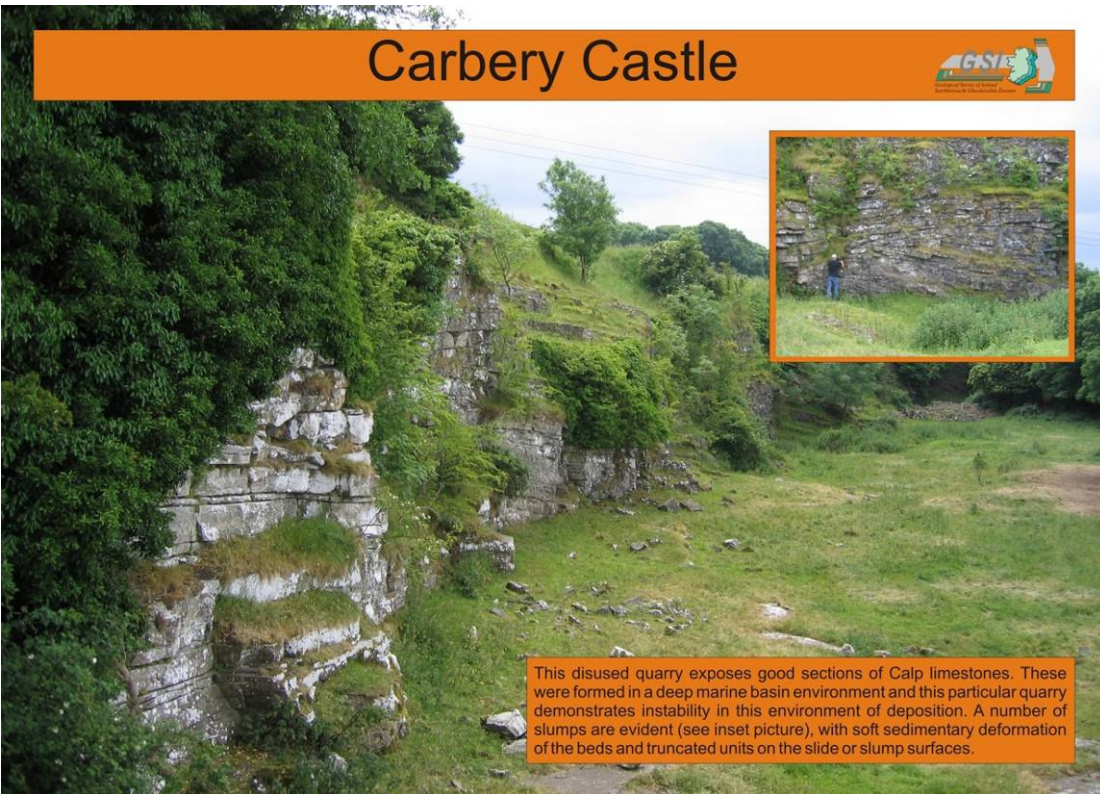
Ballykane Hill



This old inactive quarry displays an interesting section of Carboniferous limestones, with Edenderry Oolite Formation infilling fissures within Waulsortian mudmound limestone. Fossiliferous exposure is relatively common with crinoidal limestone made of segments of stalk of sea lilies (main picture). The old quarry and the hill are adjacent to a larger working quarry which is working into the hill.

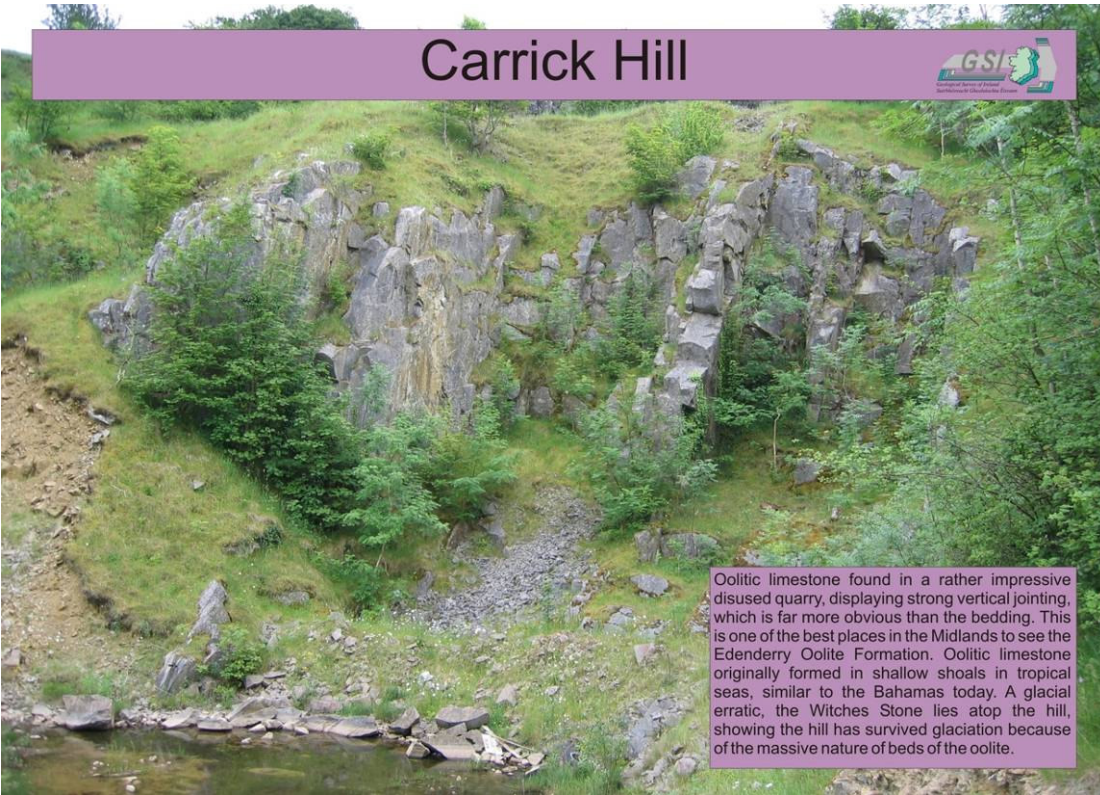


Carbery Castle



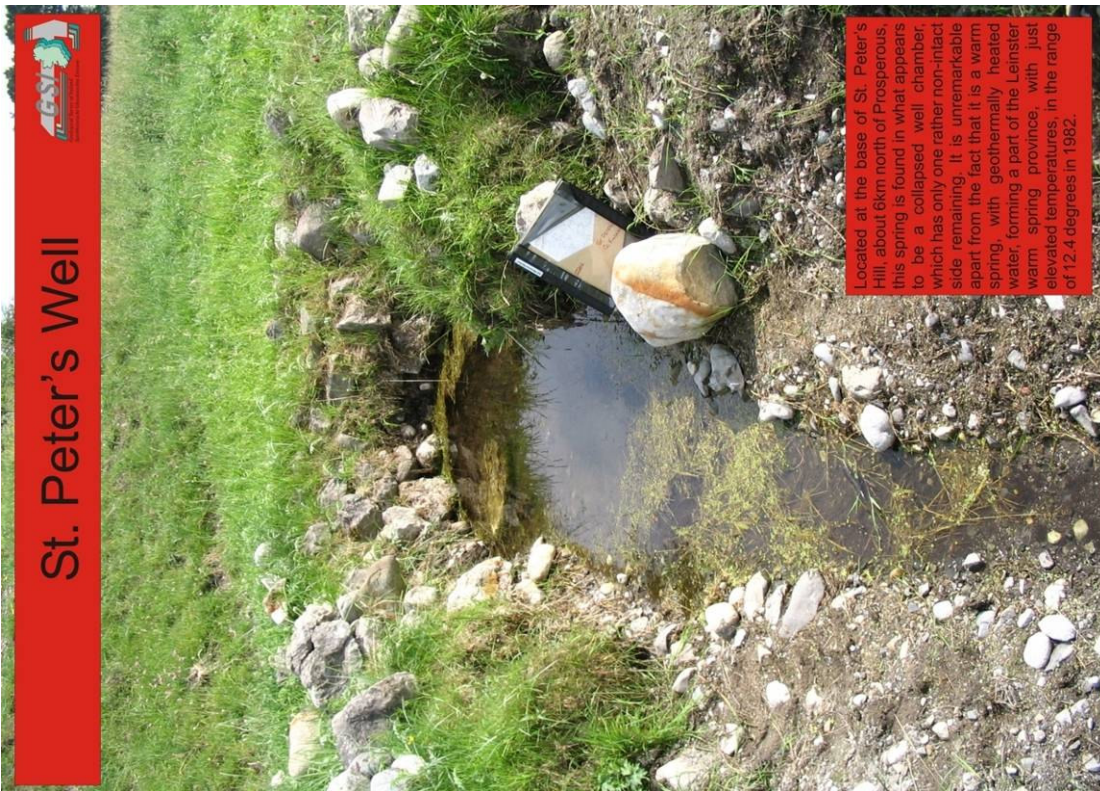
This disused quarry exposes good sections of Calp limestones. These were formed in a deep marine basin environment and this particular quarry demonstrates instability in this environment of deposition. A number of slumps are evident (see inset picture), with soft sedimentary deformation of the beds and truncated units on the slide or slump surfaces.

Carrick Hill



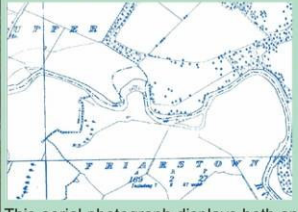
Oolitic limestone found in a rather impressive disused quarry, displaying strong vertical jointing, which is far more obvious than the bedding. This is one of the best places in the Midlands to see the Edenderry Oolite Formation. Oolitic limestone originally formed in shallow shoals in tropical seas, similar to the Bahamas today. A glacial erratic, the Witches Stone lies atop the hill, showing the hill has survived glaciation because of the massive nature of beds of the oolite.

St. Peter's Well



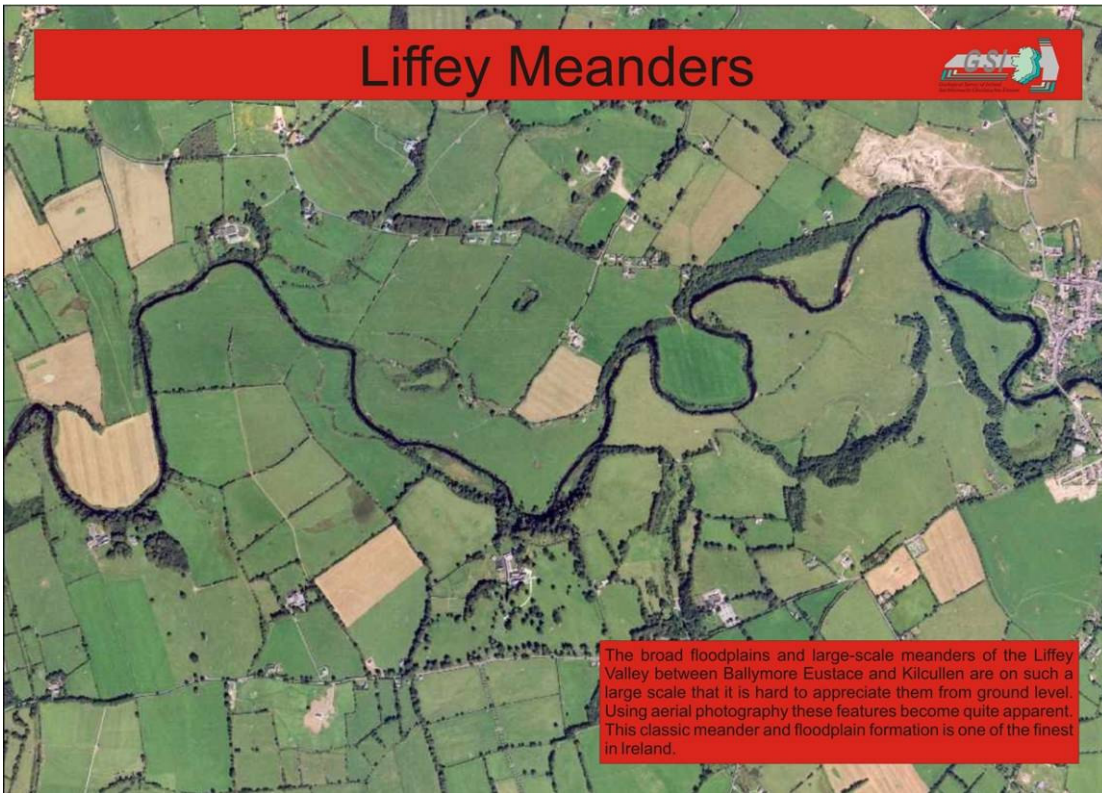
Located at the base of St. Peter's Hill, about 6km north of Prosperous, this spring is found in what appears to be a collapsed well chamber, which has only one rather non-intact side remaining. It is unremarkable apart from the fact that it is a warm spring, with geothermally heated water, forming a part of the Leinster warm spring province, with just elevated temperatures, in the range of 12.4 degrees in 1982.

Liffey Oxbow



This aerial photograph displays both an existing oxbow lake and a remnant oxbow lake. These are also displayed on an old finch map of the same area. An oxbow lake is formed when a river's meander becomes so pronounced that it cuts off part of its own channel, leaving a crescent-shaped lake.

Liffey Meanders



The broad floodplains and large-scale meanders of the Liffey Valley between Ballymore Eustace and Kilcullen are on such a large scale that it is hard to appreciate them from ground level. Using aerial photography these features become quite apparent. This classic meander and floodplain formation is one of the finest in Ireland.

Louisa Bridge Cold Spring



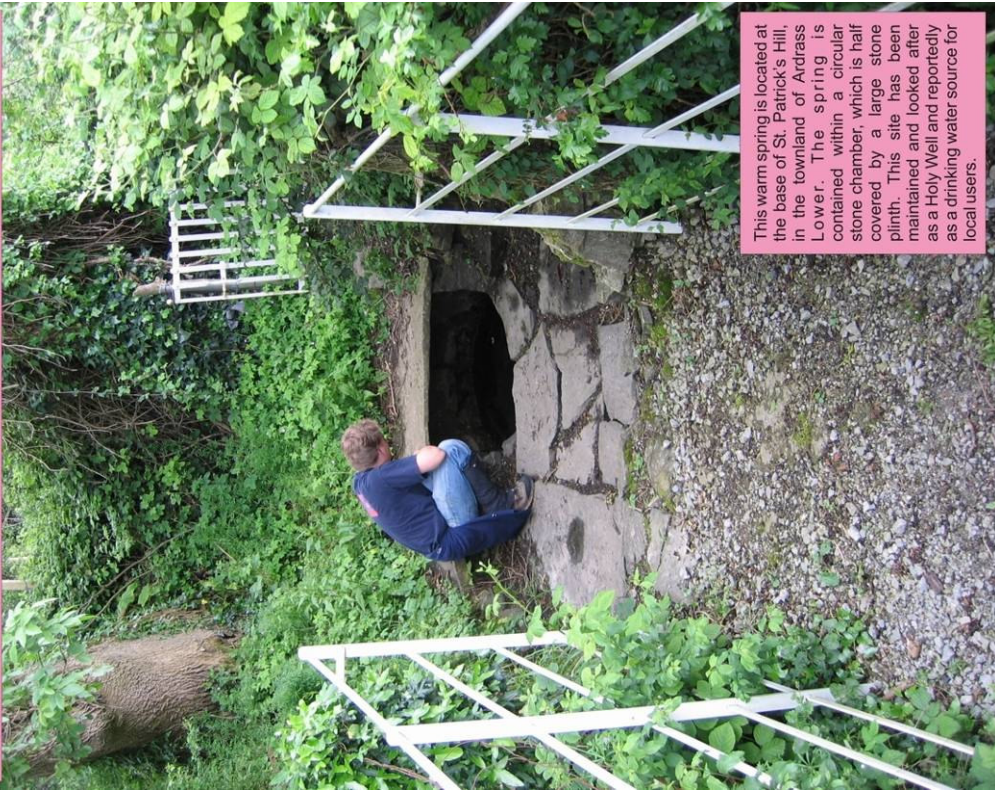
This spring is not remarkable in itself, but as part of the complementary warm spring spa complex. Temperatures at Louisa Bridge cold spring have been recorded in the past as ranging between 6 and 14°C. The spring is characterised by a generally low flow rate, with long periods during the summer when there is no flow. With such low flow rates, the water temperature is controlled to some extent by ambient air temperature, accounting for the seasonal variation in water temperatures. The maximum temperatures occur in August and September and minimum recorded in February and March.

Louisa Bridge Warm Spring



Louisa Bridge warm spring is located close to the Royal Canal and was uncovered during canal construction in 1794. By the end of the 18th century the site had been developed as a spa but by the late 19th century the site was falling to attract visitors and fell into disrepair. Development of this spring as a spa involved the construction of a elongated oval stone well chamber with a series of steps descending towards the centre and this structure remains relatively intact today. The chamber is fed from a single point inflow towards one end. Domestic refuse dumping and general neglect has resulted in severe degradation in both water and general ecological quality. However, the site has the potential to be restored for public amenity and interest.

St. Patrick's Well 2



This warm spring is located at the base of St. Patrick's Hill, in the townland of Ardrass Lower. The spring is contained within a circular stone chamber, which is half covered by a large stone plinth. This site has been maintained and looked after as a Holy Well and reportedly as a drinking water source for local users.

St. Patrick's Well 1



This warm spring, 5km west of Naas is almost completely covered by a Holy Well chamber, which was originally built in 1938 and later restored in 2004. Only one side of the chamber is exposed, allowing access to the warm spring. The spring has a constant flow of water, which is directed into a purpose built overflow channel. This channel runs into the River Liffey approximately 40m away. St. Patrick's Well is located within a graveyard and visitors are welcome to visit the site.

Rathcore Spring



Rathcore Spring feeds part of the Grand Canal known as the Naas and Corbally Branch approximately 3.5km east of Naas town. This is an aesthetically pleasing site with ruined industrial buildings along the east bank of the canal. Springs such as this that provide a reliable water supply are at the intersection of important groundwater aquifers with the land surface.