



## **2008 ASSESSMENT REPORT**

**- Mapping -**

**Pele Mountain Property**

**Harty Township**

**Ontario, Canada**

**March 2010**

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## **1. INTRODUCTION**

### **1.1. GENERAL**

The Pele Property covers much of the known strike extent of the new Pele Offset Dyke and a second unnamed Offset Dyke discovered by Wallbridge in 2006. The Property is being explored for Offset-style Ni-Cu-PGE mineralization as well as other styles of mineralization related to the belts of Sudbury Breccia.

This report summarizes the mapping performed on the Pele Mountain Resource Property by Wallbridge in 2008 as well as previous work completed by Wallbridge and historical work. It has been compiled to provide a compendium of the exploration data and to provide conclusions on the results of the work to date, and to make recommendations for future work.

## **2. RELIANCE ON OTHER EXPERTS**

Third party contractors performed analytical and geophysical work for Wallbridge on the Pele Mountain Property. Although Wallbridge has made every reasonable effort to ensure data quality, it cannot absolutely guarantee the data integrity. Based on its review of third party data Wallbridge has no reason to believe that significant errors in the data exist.

## **3. PROPERTY DESCRIPTION AND LOCATION**

The Pele Property consists of three separate blocks of claims, all of which are located in the North Range of the Sudbury Igneous Complex (SIC). The property is located directly to the north of the northwestern boundary of the City of Greater Sudbury, northeast of the community of Levack in Northeastern Ontario, Canada, (Figure 1) and within National Topographic System (NTS) sheets 41I/11 and 41I/14. The Main Block, which consists of 26 contiguous mining claims (332 units) that cover 5,312 hectares (Figure 2) is predominantly located in Harty Township, extending into Hess and Foy Townships. The Levack North Block is one claim consisting of 15 units covering an area of 240 ha. One Xstrata Mining

claim separates the Levack North claim from the southwestern claims of the Main Block. The Northeast Block, which is located to the east of the Foy Offset Dyke and consists of two contiguous mining claims (21 units) covering 336 hectares (Figure 2), is located on the boundary between Tyrone and Foy Townships. The two blocks are separated by land and surface rights dispositions registered to Xstrata Nickel (Formerly Falconbridge Ltd.) and FNX Mining Company Inc., which obtained those rights when it purchased Aurora Platinum Corp. Wallbridge’s Crowflight Area and Hess Offset Properties are contiguous with the Main Block, to the west (Figure 2). Wallbridge’s North Range, Crowflight Area and Crowflight Joint Venture Properties are contiguous with the northeastern block of claims to the east, the north and the northeast, respectively. On December 31, 2008 expiry dates for the claims ranged from Oct. 24, 2009 to Sept. 6, 2011 (Table 1).

The Property is subject to the Wallbridge – Pele Mountain Resources Option and Joint Venture agreement dated July 2006, of which Wallbridge is Operator. Wallbridge can earn a 60-percent interest in the Property by issuing 1.05 million of its common shares to Pele and by making \$1.2-million in work expenditures by year-end 2009, as detailed below;

- 2006: 150,000 shares upon signing; an additional 200,000 shares and \$100,000 work commitment by year-end.
- 2007: An additional 300,000 shares and an additional \$300,000 work commitment by year-end.
- 2008: An additional 400,000 shares and an additional \$300,000 work commitment by year-end.
- 2009: An additional \$500,000 work commitment by year-end

Table 1: Pele Property Claim Status.

Township	Claim #	Record Date	Due Date	Work	Work	Work	Units	Area
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				Required	Applied	Reserve		(ha)
Foy	3005863	13-Jun-2005	13-Jun-2011	1,600	6,400	0	4	64
Foy	3011523	11-May-2005	11-May-2011	4,400	18,400	0	11	176
Foy	3011768	11-May-2005	11-May-2011	6,400	25,600	978	16	256
Foy	3016235	13-Jun-2005	13-Jun-2011	6,400	25,600	0	16	256
Foy	3018800	29-Aug-2005	29-Aug-2010	1,426	11,374	0	8	128
Harty	3011847	13-Jun-2005	13-Jun-2011	5,200	20,800	0	13	208
Harty	3016232	13-Jun-2005	13-Jun-2011	6,400	25,600	0	16	256
Harty	3016233	13-Jun-2005	13-Jun-2010	6,400	19,200	0	16	256
Harty	3016234	13-Jun-2005	13-Jun-2010	6,400	19,200	0	16	256
Harty	3017389	08-Jul-2005	08-Jul-2010	4,800	14,400	0	12	192
Harty	3017391	08-Jul-2005	08-Jul-2010	6,400	19,200	0	16	256
Harty	3017393	08-Jul-2005	08-Jul-2010	6,400	19,200	0	16	256
Harty	3018762	29-Aug-2005	29-Aug-2010	5,600	16,800	0	14	224
Harty	3018763	29-Aug-2005	29-Aug-2010	3,200	9,600	0	8	128
Harty	3018764	29-Aug-2005	29-Aug-2011	3,200	12,800	0	8	128
Harty	3018765	29-Aug-2005	29-Aug-2011	5,200	20,800	0	13	208
Harty	3018766	29-Aug-2005	29-Aug-2011	1,200	4,800	0	3	48
Harty	3018767	29-Aug-2005	29-Aug-2011	6,400	25,600	242	16	256
Harty	3018768	29-Aug-2005	29-Aug-2011	6,400	25,600	0	16	256
Harty	3018769	29-Aug-2005	29-Aug-2011	3,200	12,800	0	8	128
Harty	3018770	29-Aug-2005	29-Aug-2011	6,400	25,600	30,364	16	256
Harty	3018771	29-Aug-2005	29-Aug-2011	6,400	25,600	39,234	16	256
Harty	3018794	06-Sep-2005	06-Sep-2011	4,400	17,600	0	11	176
Harty	3018795	06-Sep-2005	06-Sep-2011	4,800	19,200	0	12	192
Harty	3018796	06-Sep-2005	06-Sep-2011	6,400	25,600	0	16	256
Harty	3018797	06-Sep-2005	06-Sep-2011	6,400	25,600	0	16	256
Harty	3018798	06-Sep-2005	06-Sep-2011	1,543	11,200	0	7	112
Tyrone	3018801	29-Aug-2005	29-Aug-2010	3,740	17,060	0	13	208
Harty	4205044	24-Oct-2005	24-Oct-2009	5,781	12,219	0	15	240
<b>Total</b>				\$142,490	\$533,453	\$70,818	368	5,888

#### 4. ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

##### 4.1. ACCESSIBILITY

The Property is accessible by primary and secondary paved roads, gravel roads, logging roads and ATV and/or snow mobile trails. From Sudbury, access is gained by driving north on Highway 144, taking a right turn towards the town of Levack and driving northeast past the

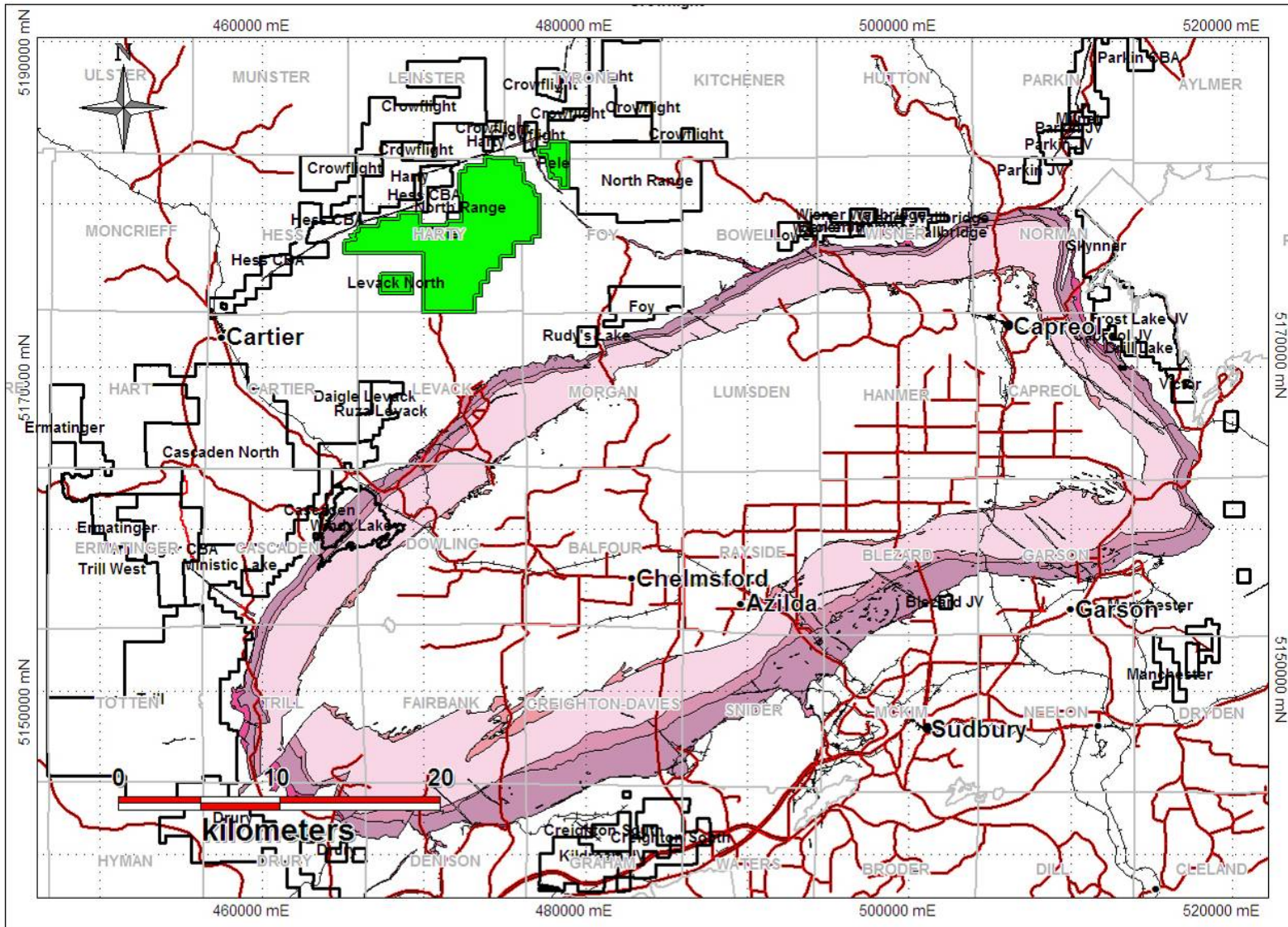


Figure 1: Pele Mountain Property Location Map.

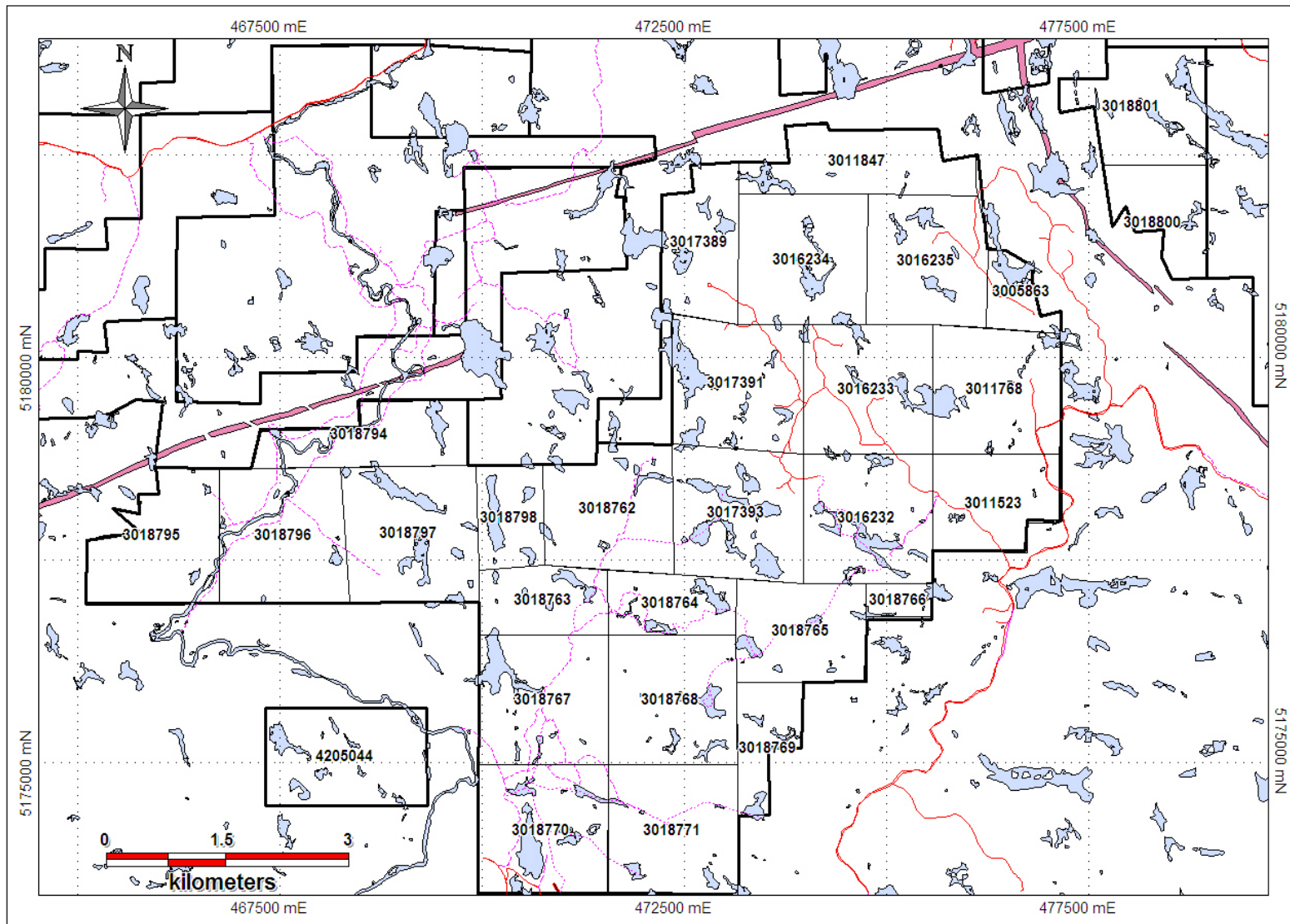


Figure 2: Pele Mountain Property Map.



Levack Mine (on Mine Road). Approximately 2 km past the mine, make a left turn on a gravel road known as Seal Lake Road. Seal Lake Road is gated and access can be granted by Vale Inco Security Officers at Coleman Mine First Aid Station at Coleman Mine site. The southern portion of the Property can be reached by driving approximately 6 km northward, staying to the left at road forks. The south-eastern portion of the Property can be reached by driving 1.5 km on Seal Lake Road, turning right onto Little Sandcherry Creek Road and driving approximately 13 km northward. Culverts have been removed from Little Sandcherry Creek Road; however, this does not prevent passage along the road. Also, approximately five kilometers up the road the Ministry of Natural Resources has restricted the public from traveling on the road; the mining act grants access along the road for the purpose of mining exploration.

Land uses on the Pele Mountain Property include recreational activities (hunting), mineral exploration and forestry.

#### **4.2. LOCAL RESOURCES AND INFRASTRUCTURE**

The City of Greater Sudbury has a population of approximately 166,000. It is a major northern centre of education, health services and industry, and is the location of the main office for the Ontario Geological Survey.

The Sudbury area has a long mining history. As home to both Vale Inco Limited (Vale) and Xstrata Nickel (Xstrata), the Sudbury area is the western world's largest producer of nickel, and the location of one of the largest fully integrated mining complexes in the world. In terms of the infrastructure to support exploration and mining, the Sudbury area is perhaps unparalleled anywhere in the world. Over 300 companies involved in mining related activities offer expertise covering all areas of underground hardrock mining and environmental rehabilitation.

In 2007, Vale Inco operated six underground mines (McCreedy East, Creighton, Stobie, Garson, Copper Cliff North and Copper Cliff South), one open pit (Gertrude), a concentrator

(Clarabelle Mill), a smelter (Copper Cliff), a nickel refinery (Copper Cliff), and a sulphuric acid plant (Copper Cliff) all in and around the Sudbury area. In 2006 Vale Inco's Sudbury operations produced 93,800 tons of nickel, 109,000 tons of copper, 633 tons of cobalt, 209,000 ounces of palladium, 153,000 ounces of platinum, and 78,000 ounces of gold. As of December 31<sup>st</sup>, 2006 Vale Inco had 175 million tonnes of proven and probable reserves grading 1.18% Ni, 1.27% Cu, 0.04% Co, 0.8 grams per tonne Pt, 0.8 g/t Pd and 0.3 g/t Au.

Xstrata's operations consist of three underground mines (Craig-Onaping, Fraser-Strathcona and Thayer Lindsley), the Strathcona Mill and the Falconbridge Smelter, as well as developing the Nickel Rim South mine. Nickel Rim South was discovered in 2001 and is expected to produce 1.25 million tonnes of ore per year for 15 years, commencing in 2009. Inferred resources at Nickel Rim South are: 14.5 million tonnes grading 1.6% Ni, 3.1% Cu, 0.03% Co, 1.7 g/t Pt, 1.9 g/t Pd, 14 g/t Ag, and 0.7 g/t Au. The Strathcona mill receives ore from the three existing mines and produces two concentrate streams – a nickel-copper concentrate that goes to the Sudbury Smelter for smelting and a copper concentrate that goes to the Kidd Metallurgical Division for toll refining. In 2007 Xstrata's three Sudbury mines produced 19,456 t of nickel, 20,563 t of copper, and 645 t Co from 1,866,021 t of ore with head grades of 1.04% Ni, 1.10% Cu and 0.35% Co. Proven reserves were 2.3 million tonnes grading 1.16% Ni and 1.85% Cu, and probable reserves were 3.8 million tonnes at 1.04% Ni and 1.29% Cu. The mill has a capacity of approximately 10,000 tons of ore per day. The processing facilities operated by Xstrata's Sudbury Smelter include a smelter and a sulphuric acid plant. The Sudbury Smelter smelts nickel-copper concentrate from Sudbury and Raglan mines and processes custom feed materials. It is capable of producing 130,000 tonnes of nickel-copper matte annually. The smelter's electric furnace converts the mineral concentrate into a high-grade matte containing nickel, copper, cobalt and platinum group metals. The smelted and granulated matte is sent by rail to Quebec City, and then shipped overseas to Xstrata's Nikkelverk in Norway for refining into pure metals.

There is currently an excess of milling and smelting capacity in the Sudbury area. As such, a ready market exists for products from any operation resulting from a discovery in Sudbury. There are also ample supplies of both water and power to support any future mining operation.

#### **4.3. CLIMATE**

The area has a temperate climate with average temperatures ranging from 25°C in summer to -18° C in winter. The average annual precipitation is 634 mm of rain and 268 cm of snow. Exploration can be carried out year round.

#### **4.4. PHYSIOGRAPHY**

The Property is located in the Canadian Shield, which is typically rugged and hilly, with approximately 20% lakes, rivers and swamps. Bedrock exposure has been estimated from aerial photographs at 5 to 15%. Overburden is reported to range from 0 to 17 metres thick. Drainage is toward the south, through streams, notably the Onaping River, Sandcherry Creek and McGrindle Creek. Elevations range from 380 to 450m a.s.l. The topography includes rolling hills, linear lakes, steep north-south trending bluffs (<30 metres relief), and expansive low marshy areas.

Vegetation consists of poplar, maple, oak, white and black spruce, and white, red, and jack pine. Alder, cedar and white ash grow in the lower wet areas. The majority of the forests are mature; in recent years there has been extensive logging on the eastern portion of the Property.

### **5. HISTORY**

#### **5.1. WORK HISTORY PRIOR TO WALLBRIDGE**

Prior to Wallbridge entering into an option and joint venture agreement on the Property, exploration work was limited; most historical work focused on the Foy Offset and other prospects outside the current Pele Mountain Property boundary.

In 1948 INCO commissioned a small airborne magnetic (Mag) survey; a portion of which was flown over parts of the Pele claims.

In 1950 Falconbridge carried out limited mapping and a small airborne magnetic survey to the east of the Property, along the Foy offset; a portion of that work overlapped the claim boundaries on the eastern edge of the Property.

In 1967, C. Lee preformed till sampling on what is now the southern tip of the Pele Property. Five auger drill holes (L-319 to L-322 and L-324) were sunk for a total of 85.35m (Figure 3).

In 1968 Falconbridge drilled four diamond drill holes (HTY-1 to HTY-04) at the southern tip of the Property near the workings of C. Lee from the previous year (Figure 3). The holes intersected dominantly granite and strongly altered intervals with epidote and hematite along joint planes. The combined depth of four diamond drill holes was 488m.

In 1987 Crimson Star Resources performed an extensive mapping, geophysical and drilling program bordering the southeast corner of the Property. The mapping consisted of four months of grid and reconnaissance mapping, and the geophysics included airborne and ground surveys. Airborne VLF-EM, total magnetic and vertical gradient magnetic surveys were preformed by Aerodat Ltd. and ground geophysical surveys (IP, magnetics and VLF-EM) were completed by JVX Inc. Geophysics and mapping defined what was described as a new area of layered intrusive rocks that were considered to predate the SIC.

In 1988 Falconbridge preformed a soil survey in Harty Township and some of the samples were collected on what is now the Pele Mountain Property. There were no anomalous samples collected within the property boundary; however, there are a number of samples that have anomalous Au, Pt and Pd east of the Property boundary.

In 1998 Champion Bear Resources Limited contracted High-Sense Geophysics Limited to perform a combined helicopter magnetic and electromagnetic survey over a large section of the western-North Range. The flight path was north-south and the line spacing was 150m. The survey included the western portion of the Pele Mountain Property.

In 2003 Aurora Platinum conducted a 15 line-km ground magnetic survey in the southern portion of the Northeast Block of the Property. The survey was carried out on a cut and flagged grid with 100m line-spacings and 25m station intervals.

In 2005 Crowflight Minerals contracted Fugro to fly an airborne MegaTEM survey over much of the North Range including what became the northern 40% of the Pele Mountain Property.

In 2005, Caracle Creek International Consulting Inc. (CCIC) carried out exploration work for Pele Mountain Resources. This work included lithogeochemical and petrographic studies of a number of rock samples for identification and comparison with known Offset Dyke lithologies. A total of 29 samples were collected from the Property, 11 of which were processed for whole rock lithogeochemistry and/or base and precious metal assay. The samples included Quartz Diorite, diabase, other gabbroic rocks, and massive sulphide boulder material. A number of these samples were confirmed to be Quartz Diorite and have been interpreted to be associated with the Sudbury Igneous Complex. This discovery led to the initial delineation of a new Sudbury Offset Dyke known as the Pele Offset Dyke. One small and two large massive sulphide boulders were found alongside a new logging road.

Subsequent stripping of an area of approximately 25 m by 5 m by Pele Mountain, along the eastern edge of the logging road, revealed granitic country rocks, Sudbury Breccia, and diabase. Three samples of the sulphide boulder were collected by geologists from Falconbridge Ltd.; the highest values reported were 1.31% Cu, <0.05% Ni, 0.1 ppm Pt, 0.21 ppm Pd, 0.8 ppm Au and 3.6 ppm Ag. The visible sulphides principally were pyrrhotite and minor chalcopyrite. Selected pieces were collected from one of the larger boulders for

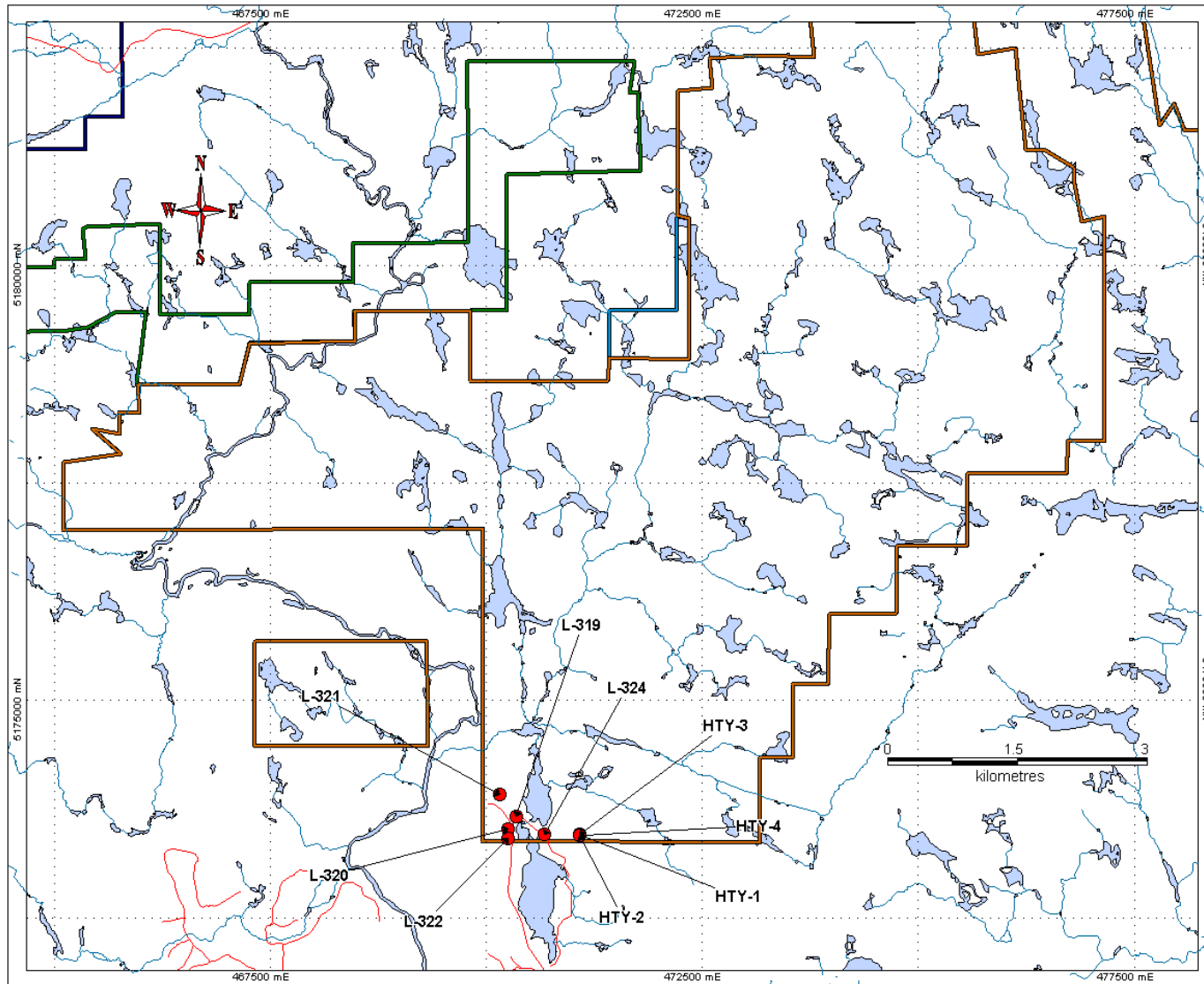


Figure 3: Historical Drill Hole Location Map.

independent base and precious metal assay by CCIC. Results for Ni, Cu, Co, Pb, Mo, Zn, Pt, Pd and Au all returned values under detection limits.

Following the identification of the new Quartz Diorite Dyke, an AeroTEM time domain EM survey with 50m line spacing was conducted by Aeroquest Ltd. over two portions of the Property (Figure 4). The purpose of the survey was to assess the magnetic nature of the areas at a better resolution than that available from government surveys, and to detect conductive targets. As a result, a series of airborne EM anomalies were identified. Subsequently, an EM31 survey was completed by ClearView Geophysics Inc. on a small area, near the eastern boundary of the Property, where a concentration of EM anomalies was delineated from the airborne survey (Figure 5, Figure 6).

## **5.2. WALLBRIDGE WORK HISTORY**

Prior to entering into an option and joint venture agreement on the Property in 2006 with Pele Mountain Resources, Wallbridge performed certain work in the area that overlapped what eventually became the Pele Property. Prior to the 2008 exploration season, this work included:

In 1999 Fugro Airborne Surveys conducted a GeoTEM Survey over a large portion of the North Range, which included the southern portion of what is now the Pele Mountain Property.

In 2005 Geotech Ltd. performed a VTEM survey over a section of open ground north of Levack. A portion of that survey overlapped what is now the southern tip of the Pele Property. There was a weak one line anomaly in a pond south of an outcrop of Sudbury Breccia.

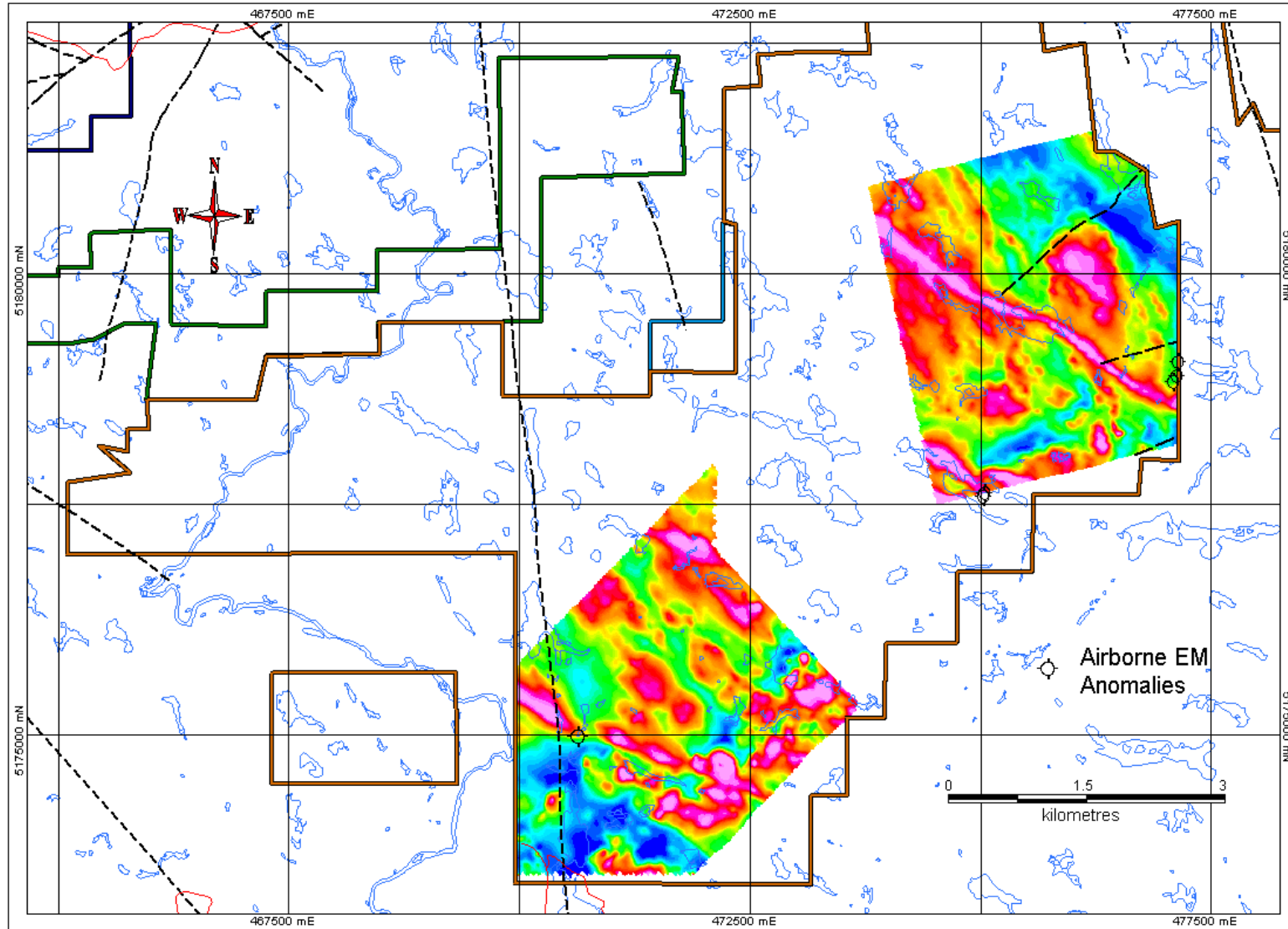


Figure 4: Pele Mountain Airborne Total Field Magnetic Data from 2005 AeroTEM survey.



During the months of August to October, 2006, after entering into a joint venture with Pele Mountain Resources, Wallbridge carried out geological mapping and beep-mat prospecting on various portions of the Pele Property. In the eastern section of the Property, 18 days of geological mapping and beep mat prospecting were spent to delineate the new Offset Dyke. An additional six days of geological mapping was completed in the southeast corner of the Property to trace a belt of Sudbury Breccia along an interpreted concentric fault. In the southern portion of the Property, two days of geological mapping and beep-matting were spent investigating an isolated airborne anomaly.

In total, 1.9 km<sup>2</sup> was mapped at 1:2,000 scale and 97 grab samples were collected from the Pele Property for base and precious metal analysis in 2006 and a second Offset Dyke was discovered 1 kilometre west of the original Pele Offset Dyke. Also, in 2006 Wallbridge drilled 3 short holes totalling 363m. The first hole intersected 1.08m of semi-massive to massive pyrrhotite-pyrite ± chalcopyrite mineralization that was associated with Archean mafic gneiss, and the other two holes intersected barren Quartz Diorite.

The objectives of the 2007 work program were to continue the exploration of the second Pele Offset Dyke and the Sudbury Breccia Corridor that extends across the southern third of the Property for SIC-related Cu-Ni-PGE-Au mineralization, and to explore the non-contiguous northeast claim block to determine its economic potential.

From July to November 2007, Wallbridge field crews mapped and prospected the north-east block of the Pele Mountain Property, the second Pele Offset Dyke 1 km west of the original dyke discovery, several linear magnetic highs west of the second Offset Dyke and continued the exploration of the Sudbury Breccia corridor in the south.

Approximately 7.2 square kilometres was mapped geologically and 208 grab samples were collected. All 208 samples were analysed for precious and base metals, including 103 samples of Sudbury Breccia matrix collected for chlorine and fluorine analysis, and 83

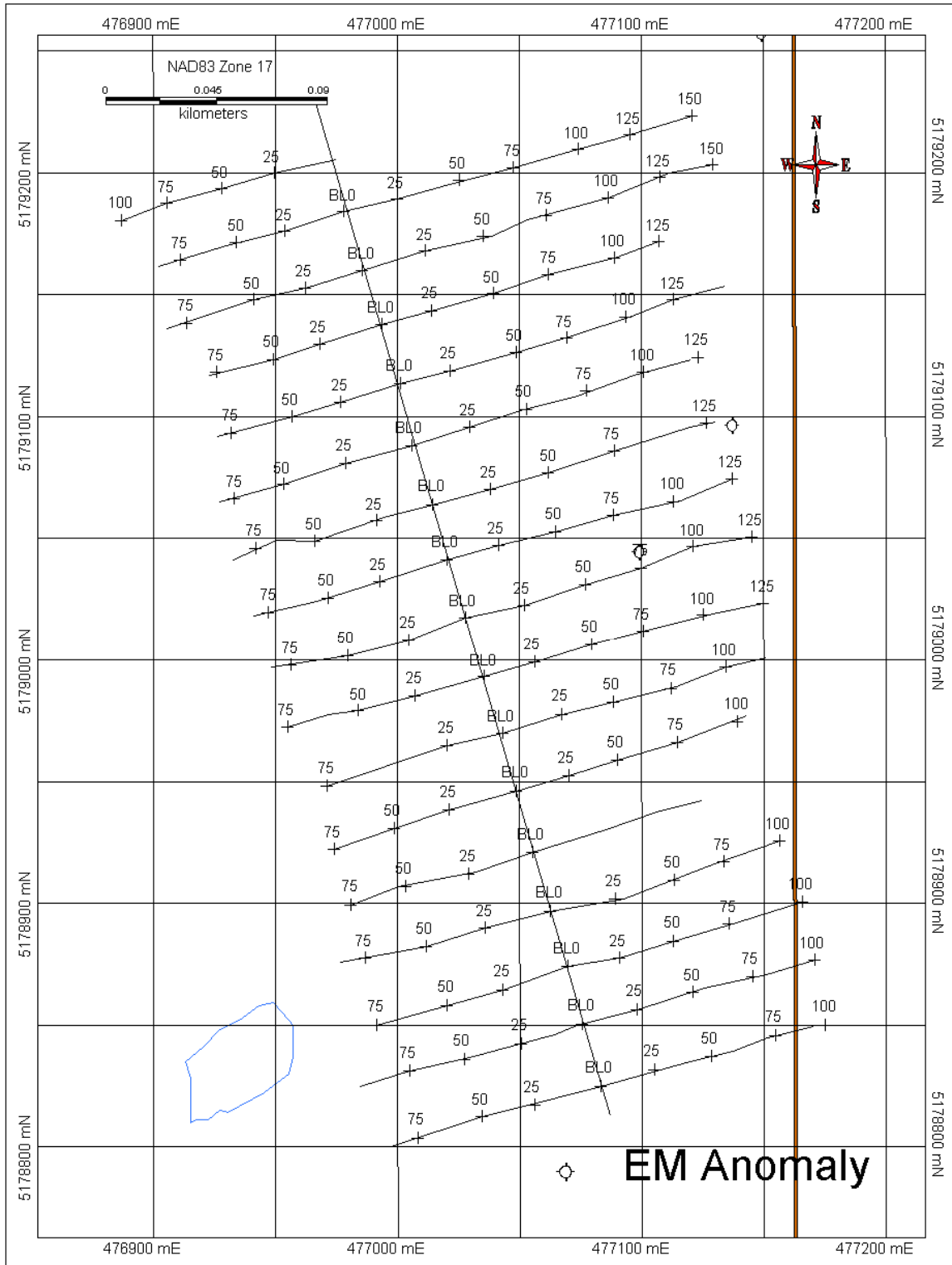


Figure 5: Pele Mountain Resources EM31 Grid with locations of conductive targets.

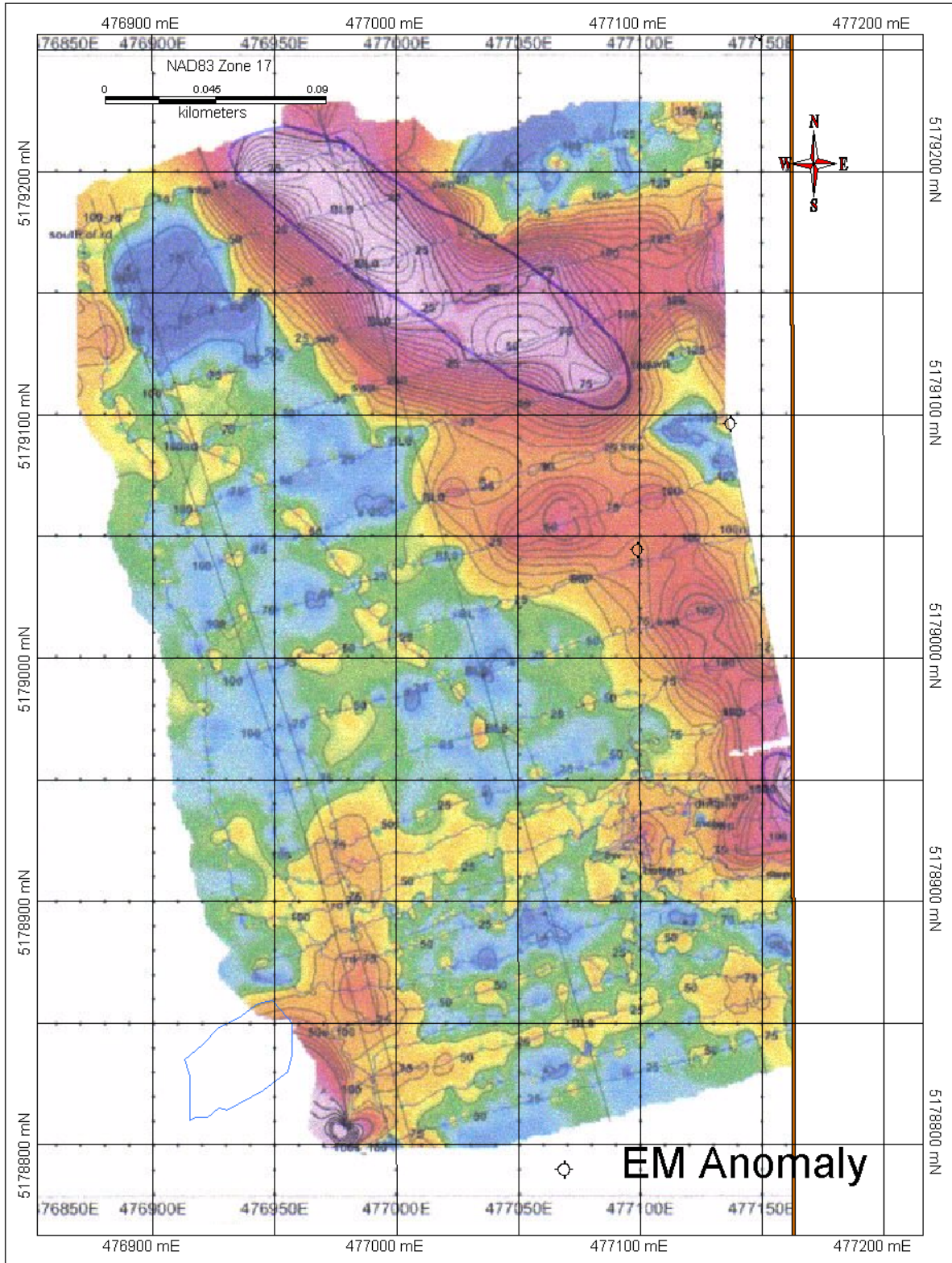


Figure 6: Pele Mountain EM31 Conductivity data with locations of conductive targets.

samples of mafic intrusives collected for whole rock and REE analysis. Thin sections were prepared from 69 of the samples, 59 of those were for transmitted light petrographic analysis and 10 for reflected light petrographic analysis.

## **6. GEOLOGICAL SETTING**

The Sudbury area hosts one of the most prolific Ni-Cu-PGE mining camps in the world. Sudbury geology is unique – the ore deposits are associated with the Sudbury Igneous Complex (SIC) and related rocks, which record what is generally accepted as a major, mid-Proterozoic meteorite impact event, which occurred 1.85 billion years ago (Ga). Despite over one hundred years of academic and industry scrutiny, many aspects of Sudbury ore deposits geology are still hotly disputed and significant new discoveries continue to be made.

### **6.1. REGIONAL GEOLOGIC SETTING**

Current exploration focuses on the SIC and related footwall rocks. The Sudbury Structure is located at the junction of the Superior and Southern Provinces of the Canadian Shield. The Superior Province is of Archean age, and about 2.7 Ga in the Sudbury area. Paleoproterozoic sedimentary and volcanic rocks of the Huronian Supergroup were deposited unconformably on Archean basement in an elongate belt and were subsequently intruded by sill-like Nipissing gabbros. After metamorphism and folding during the Penokean Orogeny, this belt formed the Southern Province along the southern margin of the Superior Province. At ~1.85 Ga, the SIC was superimposed on the Archean and Huronian rocks. The SIC is located about 10 km north of the ~1 Ga Grenville Front.

The SIC straddles an unconformity between gneisses and granitoid plutons of the Archean Superior Province and overlying Huronian supracrustal rocks of the Paleoproterozoic Southern Province. It is geographically divided into the North, South, and East Ranges. It defines what is interpreted as a deformed, deeply eroded, melt- and sediment-filled meteorite impact crater (the Sudbury Basin) and its surrounding brecciated target rocks. The oval-shaped crater remnant has dimensions of 60 km in a northeast direction and 27 km in a

northwest direction. The brecciated footwall rocks of the SIC extend for 70 to 80 kilometres beyond the crater remnant. All pre-SIC rocks are cut by varying quantities of Sudbury Breccia.

Sudbury Breccia consists of rounded and milled, millimetre-to hundred metre-sized fragments of country rock within a fine-grained, variably cataclastic to igneous (recrystallized) matrix. Small veinlets of Sudbury Breccia occur throughout nearly every earlier lithology in the footwall environment. Generally, it is only distinguished as a distinct, mappable lithological unit when the Sudbury Breccia matrix accounts for greater than 15 volume percent of the rock. Concentrations of Sudbury Breccia often occur along pre-existing structures and weaknesses in the Archean and Paleoproterozoic footwall rocks, such as along the contact between rock types of contrasting competencies. It is quite commonly found along the margins of diabase dykes. Trace pyrite is common within the Sudbury Breccia matrix, particularly when it occurs in the surrounding rocks and dominant fragment types. Background precious metal concentrations in Sudbury Breccia are typically below the limits of detection for standard assay or ICP analysis.

The crater fill consists of the Sudbury Igneous Complex, and sedimentary rocks of the Whitewater Group.

The SIC consists of a discontinuous, variably mineralized, basal Sublayer unit lying along the crater wall, Offset Dykes intruded for up to tens of kilometres into the underlying brecciated country rocks, and the overlying so-called Main Mass units of Mafic Norite, Felsic Norite, Quartz Gabbro and Granophyre. The formation of the SIC as a superheated meteorite impact melt sheet that was heavily contaminated by crustal rocks is strongly supported by contemporary research although other theories have been postulated in the past. At its base, the SIC intrudes brecciated rocks of the crater wall. At its top, the SIC has an irregular and sometimes intrusive relationship with the Onaping Formation of the Whitewater Group.

The Whitewater Group consists, from bottom to top, of the Onaping, Onwatin, and Chelmsford Formations. The Onaping Formation is a poorly stratified 1600 m thick unit of

breccia, thought to be a Fallback Breccia following the impact event. The Onwatin Formation is several hundred metres thick and has been interpreted as a deepwater, black, graphitic mudstone. The uppermost Chelmsford Formation, is a shallow water turbidite. No Whitewater Group sedimentary rocks have been found beyond the Sudbury Structure.

The present geometry of the SIC is the result of northwest-directed tectonic shortening accommodated along regional folds, shear zones, and faults that developed during the Penokean Orogeny between 1.9 and 1.65 Ga. Deformation steepened the South Range, which was thrust northward along the South Range Shear Zone, and the East Range of the SIC, which buckled, accumulating strain along a complex series of folds and faults.

One of the world's greatest concentrations of Ni-Cu-Co-PGE mineralization occurs associated with the Sudbury Structure. Sulphide deposits occur in three distinct geological environments:

**Contact Sublayer:** a discontinuous layer of variable thickness at the base of the SIC. It is made up of quartz gabbro-norite, often with rounded inclusions of mafic and ultramafic rocks of unknown source. The Sublayer is in contact either with Late Granite Breccia (LGBX) or with underlying, brecciated footwall rocks known as Sudbury Breccia. Disseminated to massive sulphides may be found in the Sublayer and/or LGBX, which may fill depressions, channels, and embayments that have formed at the SIC/Footwall interface.

**Offset Dykes:** Quartz Diorite dykes which may be radiating or concentric around the contact of the SIC. Radiating dykes originate from embayment structures and may extend over 30 km into the footwall (i.e. Foy Offset Dyke). The exact relationship of Concentric dykes to the so-called Main Mass of the SIC is uncertain. The Pele Offset is a typical radial offset.

**Brecciated Footwall:** zones of Sudbury Breccia, metres to hundreds of metres wide, concentric to the contact of the SIC. Footwall Breccia Belts can extend for tens of kilometres along strike and occasionally contain Quartz Diorite melt bodies (e.g. Frood-Stobie Breccia Belt). Ore bodies in Sublayer and Offset Dykes have reasonably simple geometry whereas

ores in brecciated footwall rocks tend to be more complex. The ore zones in footwall breccias commonly occur as an anastomosing network of millimetre to metre-sized sulphide veins, which can extend hundreds of metres away from the Sublayer. Mineral and metal zoning patterns suggest that these ores may be derived by hydrothermal transport of metals away from Sublayer ores. Footwall Breccia ores tend to be much richer in copper and PGE than related Sublayer ore, and lower in nickel.

The Archean Benny Greenstone Belt occurs approximately 5 km northwest of the Hess Offset, trends east-west, and is composed of mafic and felsic volcanic rocks and related chemical and clastic sediments. Outliers of the Paleoproterozoic Huronian Supergroup (< 2480 to > 2220 Ma), specifically the Bruce, Espanola, and Serpent formations of the Quirke Lake Group, and the Gowganda and Lorrain formations of the Cobalt Group, are located along the southern edge of the Benny Greenstone Belt.

## **6.2. PROPERTY GEOLOGY**

The Pele Mountain Property is located on the North Range of the Sudbury Structure, and the southern claim boundary lies approximately 4 km north of the SIC contact. The Property covers portions of the SIC-related Pele Offset Dyke and a new unnamed Offset Dyke 1 km west of the original Pele Offset Dyke discovery.

The area is dominated by the Archean-aged Cartier Batholith (Figure 7) which, in this area, consists dominantly of massive to weakly foliated quartz monzonite to granodiorite (~2640 Ma) and contains inclusions of gneissic material that probably correlate with the Levack Gneiss Complex. Paleoproterozoic Matachewan diabase dykes (2473 +16/-9 Ma and 2446 ±3 Ma; Heaman, 1997) cut the Cartier Batholith, Benny Greenstone Belt, and Levack Gneiss Complex. Rocks of the Nipissing mafic intrusive suite (2210-2217 Ma; Corfu and Andrews, 1986; Noble and Lightfoot, 1992; Buchan *et al.*, 1998) most commonly occur along the southern margin of the Benny Greenstone Belt, but are also found within it. Post-SIC Sudbury Olivine Diabase dykes cross-cut the property with a northwest-southeast trend (Figure 7).

The Pele Offset Dyke has been traced for 4.5 km in a north-south direction, 3.5 km of which are on the Pele Mountain Property. It is an apparently continuous, 10-30 m wide, dyke of predominantly granodioritic or quartz dioritic composition that is oriented sub-parallel to the Foy Offset Dyke. The dyke is steeply dipping, and appears to have local splays or claw-shaped apophyses. One occurrence of Inclusion Quartz Diorite (IQD) was recorded during the 2006 exploration program. One kilometre to the west of the Pele Offset a second radial Quartz Diorite Dyke was discovered in 2006; it is roughly parallel to the Pele Offset Dyke. This new 0.15 m – 6 m wide dyke was traced for 60 m by trenching in 2006 and 3.6 km by mapping in 2007. This new dyke has a very similar texture and chemistry to the Pele Offset Dyke. At its northernmost outcrop, it is 15 cm wide.

The Fecunis Lake and Sandcherry Creek Faults (Card and Meyn, 1969) are major fault zones that cross the North Range. The Fecunis Lake Fault, a major north-south trending fault that sinistrally offsets the SIC and footwall rocks by about 1 km and the Hess Offset by about 1.75 km, crosses the eastern end of the Property (Figure 7). The Sandcherry Creek Fault occurs east of the Main Block of the Property (~1.2 km) and crosses the western edge of the Northeastern Block, and is a similar north-south trending structure that sinistrally offsets the Foy and Hess Offset Dykes. Three NW-SE trending faults (including the Depot Creek Fault) occur on the western portion of the Property; these faults displace the Hess Offset with sinistral displacement on one, and an unknown sense of displacement on the other two. As well, the roughly east-west trending Vignette Lake Fault crosses the southwestern-most end of the Property.



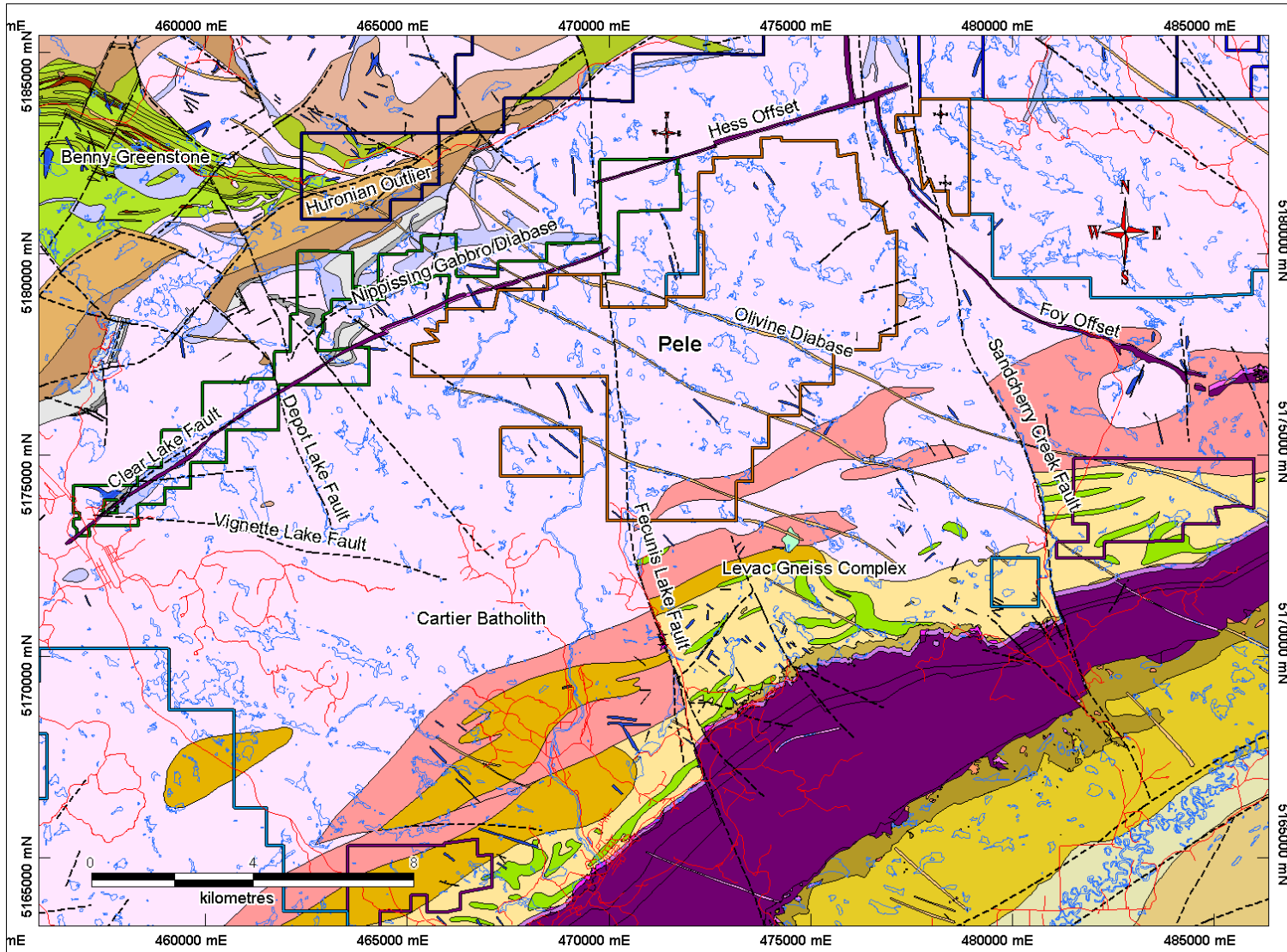


Figure 7: Regional geology map (from GSC Open File 4570).

The Benny Deformation Zone (BDZ), defined by Card (1994) as the southern margin of the Benny Greenstone Belt, adjacent Cartier Batholith, and outliers of Huronian rocks, is an east-northeast trending zone of faulting and ductile shearing that is located approximately 5 km northeast of the Property. The Pike Lake Trough occurs to the south of the Property and is part of the Pumphouse Creek Deformation Zone (PCDZ). The Benny and Pumphouse Creek deformation zones have been described as being similar to the South Range deformation zone (Card, 1994) (Figure 8), possibly implying a genetic association. Card (2005) suggested “the BDZ and PCDZ probably belong to a system of thrust faults that resulted in northward-directed regional tectonic transport and NW-SE shortening of the Sudbury Structure.”

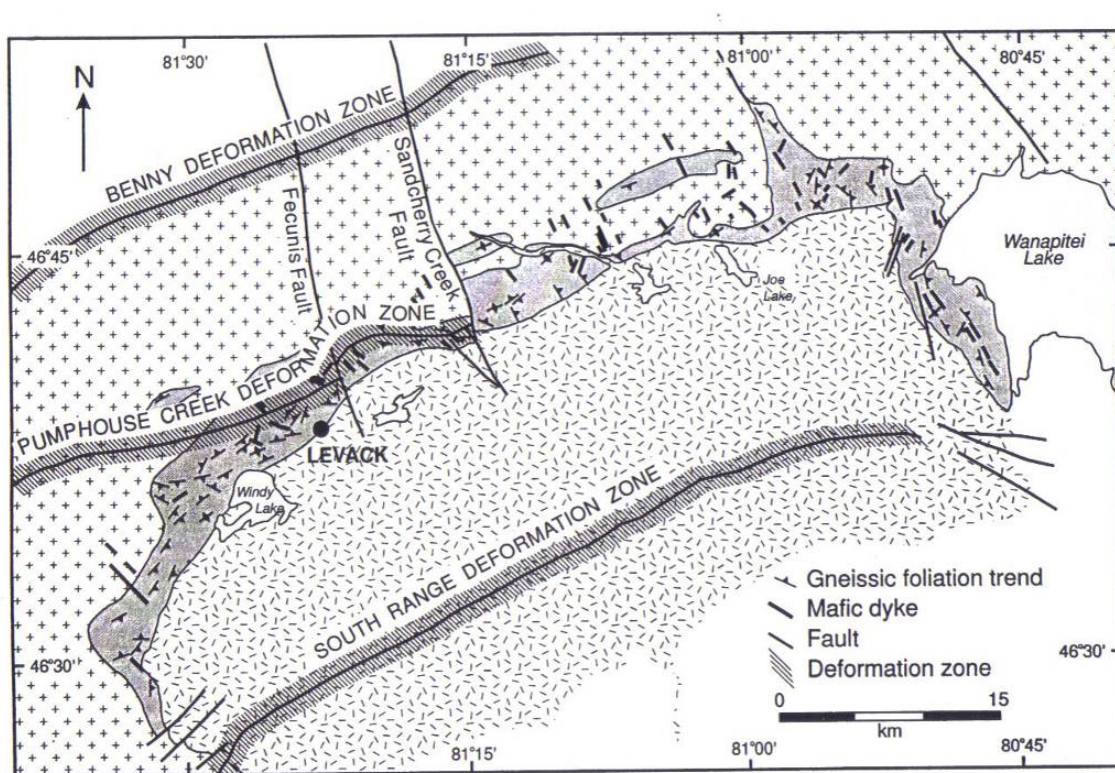


Figure 8: Deformation zones in the Sudbury area (from Card, 1994).

### 6.2.1. PROPERTY LITHOLOGY DESCRIPTIONS

The quartz monzonite to granodiorite of the Cartier Batholith constitute approximately 90% of all outcrops. Transitions between quartz monzonite and granite as well as granodiorite can

be gradual or abrupt. Inclusions of quartz monzonite can also occur within the granite. To simplify mapping and apply greater focus on SIC-related lithologies, these rock units are usually mapped as granite by Wallbridge personnel. These granitoid rocks form knobby outcrops and have pink to white fresh surfaces and a grey-weathering surface that usually breaks into concave exfoliated slabs. The granitoid rocks range from fine- to very coarse-grained and, in some cases, are pegmatitic; quartz, plagioclase and K-feldspar are the main components. Locally, the granite can exhibit a weak and inconsistent foliation. Biotite is the dominant micaceous mineral, whereas muscovite is absent and amphibole abundance ranges from minor to 50%. Epidote forms preferably as vein or joint filling and is often associated with quartz. Brittle deformation, indicated by sets of cleavage and joint planes are well developed in many granitic outcrops.

Occurrences of gneissic and migmatitic rocks occur as enclaves within the granitic units. They are intermediate to mafic in composition and display a thinly banded to irregularly deformed texture. Locally, the gneiss has a hematite-stained weathered surface and contains trace disseminated to localized massive sulphides - mainly pyrite and pyrrhotite with minor chalcopyrite.

Pre-SIC mafic intrusive rocks in the area consist of fine- to medium-grained black diabase dykes that can contain trace to minor amounts of sulphides (pyrite or chalcopyrite), and sometimes contain phenocrysts of plagioclase (<1cm in diameter). The diabase is generally, but not always magnetic. The thickness of the dykes varies between tens of metres to under a metre. These dykes may be either 2,450 Ma Matachewan dykes, 2,200 Ma Nipissing intrusions, or a suite of undifferentiated “trap-dykes”. They cross-cut the granitic rocks and generally form round, elongated outcrops.

Three gabbroic intrusions more than 100 m in diameter have been mapped on the Pele Property. The trace element geochemistry of this unit is similar to Matachewan diabase. A dark-green, rounded-weathering surface is typical for the gabbro, and outcrops are often larger and less elongate than those of the mafic dykes. The gabbro intrudes granitic rocks, however, the age relationship between the gabbro and the mafic dyke swarms are unknown.

Fine- to coarse-grained plagioclase, pyroxene and amphibole are intergrown. Some exposures have a gneissic texture and locally, areas with lesser (<5% pyrite and pyrrhotite +/- chalcopyrite) amounts of sulphide mineralization have been found.

All of the above units are cut by occurrences of Sudbury Breccia (SDBX) (Figure 9), which is classified using an alphanumeric scheme (Table 2). Sudbury Breccia is typically composed of

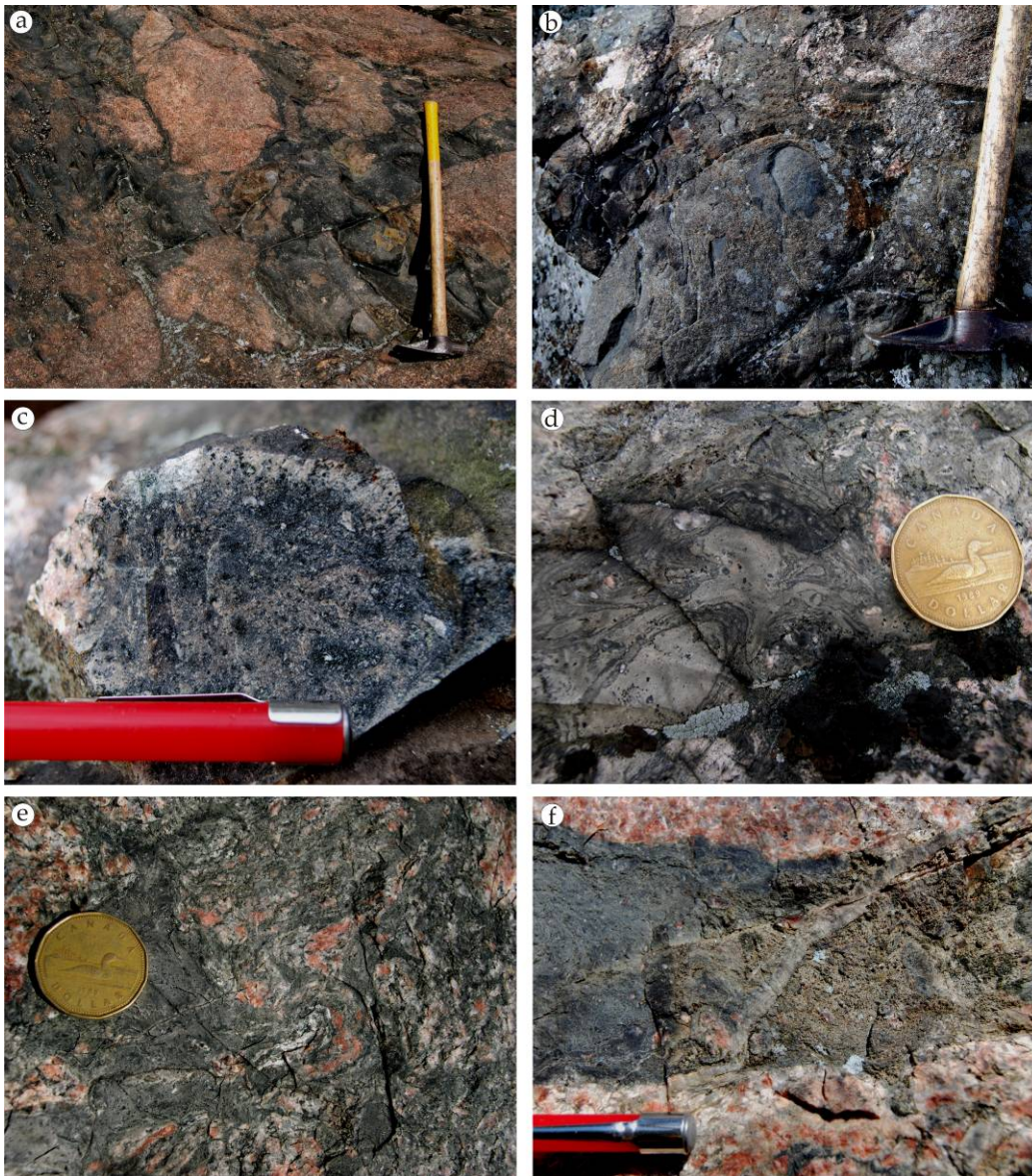


Figure 9: a. Typical appearance of SDBX in the mapping area from outcrop exposures. b. Well-rounded mafic clasts within a larger zoned SDBX outcrop. c. Coarse-grained matrix SDBX with epidote-chlorite blebs in embedded granitic clasts (sample # 704042). d. Chaotic

fold interference pattern within fine-grained SDBX matrix. e. Plastically deformed (near melting temperature) host rock fragments in strongly deformed SDBX matrix. f. Quartz-epidote vein cross-cutting SDBX.

Table 2: Sudbury Breccia Codes.

	Code	Description
Colour Index	1	Mafic
	2	Intermediate
	3	Felsic
Clast Composition	A	Mafic
	B	Intermediate
	C	Felsic
	D	Granitoid
	E	Sedimentary
Matrix Recrystallization	1	Sub-igneous
		Medium-grained porphyroblastic
	2	Medium-grained porphyroblastic
	3	Fine-grained porphyroblastic
	4	Fine-grained recrystallized
	5	Aphanitic

clasts of country rock surrounded by a very fine-grained, grey-coloured matrix. The fragments range in size from tens of metres to less than a millimetre and are usually well-rounded but may be angular. The matrix is composed of rock flour derived from local country rocks. Small amounts of sulphide can occur in the breccia matrix and surrounding clasts. The breccia may occur as small veins within outcrops of granite or diabase, or as zones of massive breccia formation. Massive brecciation is often observed in association with large diabase dykes, often on the contact of the dyke opposite the SIC. Occurrences of Sudbury Breccia are important because of their potential to host vein type Cu-PGE mineralization.

The Pele Offset Quartz Diorite (QD) Dyke is fine- to medium-grained, extremely granophyric, with equant to tabular plagioclase phenocrysts and has an unusual-looking

biotite as the main ferromagnesian mineral. The QD is visually similar to granophyre (micro pegmatite). Initial study of major and trace element analytical data provided by Pele Mountain Resources showed significant differences in some elements compared to those from a typical Quartz Diorite Offset Dyke. The most obvious differences were in  $\text{TiO}_2$  (1.5 wt. % vs. an expected value of 0.7 wt. %) and MgO (1.5 wt. % vs. an expected value of approximately 4-5 wt. %). These differences prompted a more detailed examination of the litho-geochemistry of the Pele Offset Dyke and, in particular, suggested that there might be a relationship with the granophyre (micropegmatite) unit of the SIC.

The Pele Offset Dyke strikes roughly SE and dips steeply to the west. The contact with the host rock, at outcrop scale, is typically undulatory but sharp. Where present, the main dyke is 24 - 28 m wide, and locally, Quartz Diorite veins (up to 30 cm wide) emanate from the main body of the dyke.

A second Quartz Diorite dyke was discovered approximately 1 kilometre west of the original Pele Offset Dyke. The texture, petrography and geochemistry of this new Offset Dyke are very similar to the original Pele Dyke discovery. The new dyke trends roughly N-S and is steeply dipping. Due to the relative difference in hardness between the quartz diorite and the surrounding granitic rocks, the Offset Dyke can be traced as a modest topographic low.

The Quartz Diorite in both dykes is typically beige-brown to slightly pink on the weathered surfaces and is described as having an elephant-skin texture. Contacts with the host rock are generally sharp and chilled, with small pieces of wallrock being incorporated into the dyke. In a number of locations the chilled margin of the Offset Dyke is jointed with sets of parallel, oblique and orthogonal joints (Figure 10). In some cases there is obvious movement along the structures. Joints may have formed due to shear stress along the contact of the Offset Dyke or during cooling. Euhedral plagioclase phenocrysts (3-5 mm long) are abundant at and near the chilled margins and decrease in concentration towards the centre of the dyke. Fresh surfaces are medium-grey with a pinkish tint, and small mafic inclusions are present at one location in the centre of the dyke.

All of the above mentioned rocks in the North Range are cross-cut by northwest-trending olivine diabase dykes of the 1,240 Ma Sudbury Swarm. These dykes are strongly magnetic, and create distinctive linear, magnetic highs on geophysical maps.



Figure 10: Jointed chill margin of the Pele Offset Dyke indicating possible dextral sense of movement along the contact.

The geology of the mapped portion of the Property has been compiled in Figure 11.

## **7. DEPOSIT TYPES**

### **7.1. DEPOSIT MODELS**

Cu-Ni-PGE-Au mineralization occurs in a variety of settings within the Sudbury Impact Complex. For context, these are all introduced briefly below and subdivided into 1) mineralization associated with the basal contact of the SIC, 2) mineralization associated with the Offset Quartz Diorite Dykes that extend outwards from the main mass of the SIC into the footwall, 3) mineralization occurring within the footwall rocks of the Sudbury structure, 4)

low sulphide high PGE mineralization and 5) structurally controlled remobilized mineralization. The primary SIC-related exploration targets on the Pele Property are:

- mineralization associated with the Offset Quartz Diorite Dykes
- mineralization occurring within the footwall environment to the SIC,
- low sulphide high PGE mineralization and
- structurally remobilized mineralization.

From the time of discovery in 1883 of copper-nickel sulphides at the Murray Mine to the year 2000, about 9.69 million tonnes of nickel, 9.59 million tonnes of copper, and 69.6 thousand tonnes of cobalt have been produced from the Sudbury Structure. Valuable by-product metals are gold, platinum, palladium, rhodium, ruthenium, iridium, silver, selenium, and tellurium. Production, reserves and resources are thought to amount to about 1.6 billion tonnes grading about 1.2% nickel and about 1% copper (Leshner and Thurston, 2000). PGE values grade about 1 g/t in Contact Sublayer ore, but are higher in Offset Dyke and Footwall Breccia ores.

Approximately 50% of the ore in the Sudbury region is located outside of the SIC Sublayer in “Footwall” and “Offset Dyke” deposits. In spite of this fact, exploration efforts in the past have concentrated on the contact of the SIC. Over the years, there has been little systematic exploration of the footwall environment.

All five geological environments are regarded as highly prospective for the discovery of further ore reserves, and all five environments are being actively explored in the various Wallbridge projects.

#### 7.1.1. CONTACT STYLE MINERALIZATION

Minor disseminated pyrrhotite, pentlandite and chalcopyrite mineralization is present within the basal noritic members of the main mass of the SIC, especially where the basal norite is in contact with mineralized Sublayer embayment structures. Within the Sublayer, below the basal contact of the main mass of the SIC, mineralization occurs as disseminated to massive



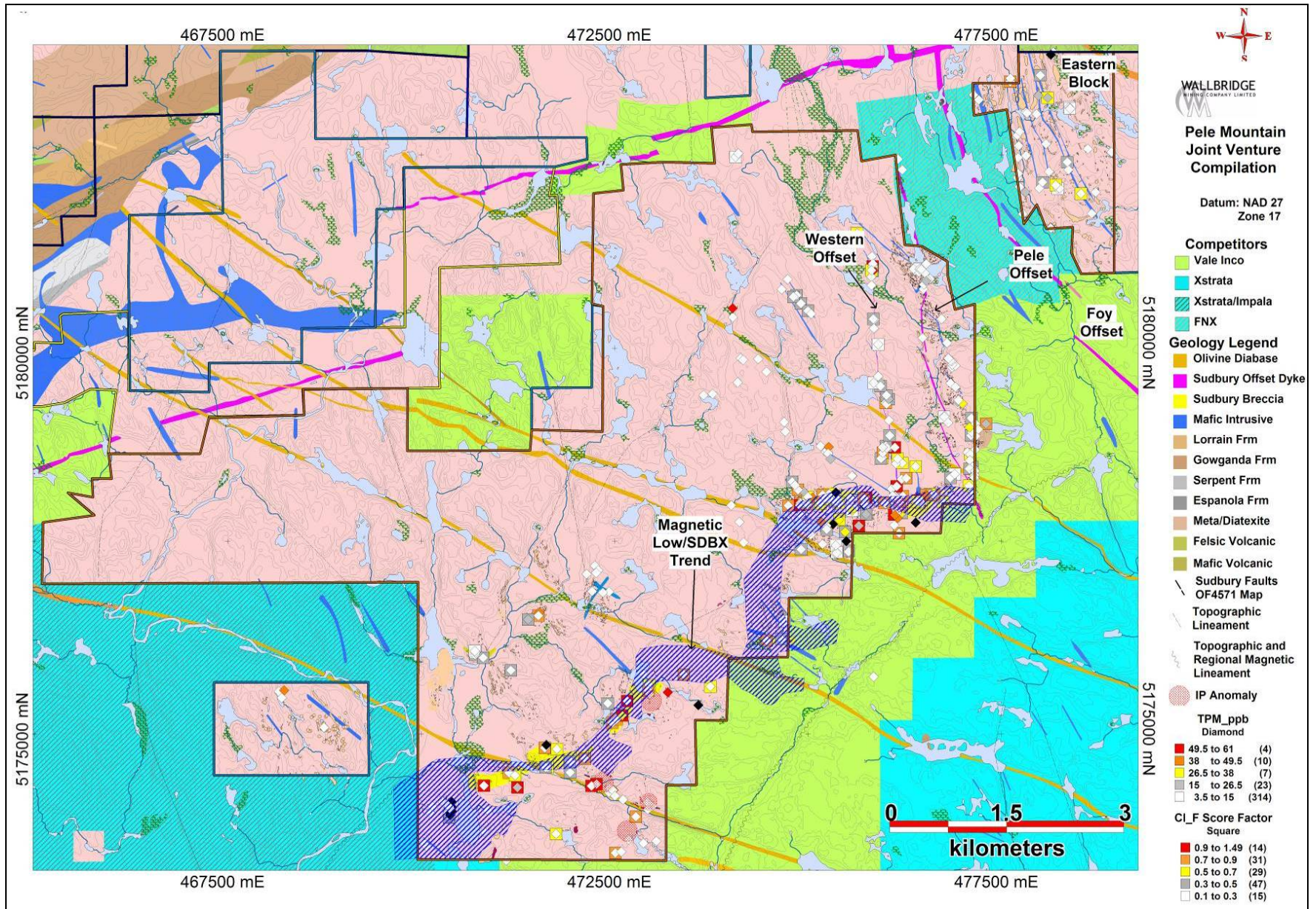


Figure 11: Pele Property Geology.

accumulations. These deposits are most important where the Sublayer unit thickens within embayment structures and generally are characterized by Fe- and Ni-rich assemblages of pyrrhotite, pentlandite, and lesser chalcopyrite; the PGE content of these deposits is quite variable, but is typically <2 g/t.

Mineralization occurs as blebby disseminations, fragments of sulphide, veins, stringers, and massive accumulations within zones of LGBX at the base and beneath embayment structures.

#### 7.1.2. OFFSET STYLE MINERALIZATION

Mineralization occurs as disseminated, blebby, veinlet, and massive accumulations of pyrrhotite, pentlandite, and chalcopyrite within xenolithic-rich, Inclusion Quartz Diorite central core phases of Quartz Diorite Offset Dykes (Copper Cliff orebodies) or within zones of Footwall Breccia containing irregular Quartz Diorite melt pockets (Frood-Stobie orebodies).

#### 7.1.3. FOOTWALL STYLE MINERALIZATION

Mineralization occurs as sulphide veins and stockwork vein systems within the footwall rocks underlying the SIC. These deposits are often constrained to thick dykes and irregular zones of Sudbury Breccia and occur up to 1200 metres from the basal contact of the SIC (e.g. Wallbridge's Broken Hammer Deposit). Similar Cu-PGE rich deposits can also be associated with irregular zones of Footwall Breccia within the Sudbury Breccia belts, as in the case of the immense Frood and Stobie orebodies that occur more than a kilometre into the footwall on the South Range. These deposits are comprised of veins and stockwork systems that are primarily of massive chalcopyrite or cubanite that vary from millimetre scale to greater than 10 metres in width. Veins consisting of massive intergrown bornite, chalcopyrite, and millerite characterize the distal portions of these deposits on the North and East Ranges. Minor alteration of the host footwall rocks immediately next to the deposits includes quartz-carbonate veining, and epidote, actinolite and chlorite as massive replacements, and fracture and vein fillings. These deposits are characterized by significant PGE-Au mineralization, which occurs not only within the main sulphide veins but also in peripheral stringers and disseminations. An empirical relationship has been developed that relates the degree of thermal/hydrothermal recrystallization of Sudbury

Breccia matrix with proximity to zones of vein-type Cu-PGE mineralization. This is quantified using an alphanumeric classification scheme that also describes matrix colour index and clast composition.

#### 7.1.4. LOW SULFIDE HIGH PGE MINERALIZATION

Low sulphide/ high PGE-Au mineralization forms a fairly new classification of mineralization in Sudbury. This type of mineralization has become an increasingly higher profile exploration target in the Sudbury Basin. Low sulphide/high PGE-Au mineralization has been identified in several geological settings to date, including fine disseminations and specks in Quartz Diorite dykes, and lenses, pods, disseminations and narrow discontinuous fracture fillings in Sudbury Breccia and adjacent wall rocks. It often is accompanied by albite-amphibole-biotite-epidote alteration assemblages. The sulphide assemblage is dominated by chalcopyrite and millerite.

#### 7.1.5. STRUCTURALLY REMOBILIZED DEPOSITS

In some deposits, sulphide has been remobilised into shear zones and related structural traps. Important examples of this type of deposit include mineralization zones at Garson, Falconbridge, Falconbridge East, and Creighton mines.

### 7.2. EXPLORATION MODELS AND TECHNIQUES

As the Pele Mountain Property covers a substantial portion of the Pele Offset, Offset-style Ni-Cu-PGE mineralization is one of the foci of exploration. Although models of Offset-style Ni-Cu-PGE mineralization have been developed through extensive study of the South Range Offsets, it is generally considered that the mechanics of silicate and sulphide magma emplacement would have been the same in both ranges.

A schematic model of the geology through sections of the Worthington Offset is shown in Figure 12. Interpretation suggests that the Quartz Diorite intruded the offset structure first, followed by a secondary pulse of IQD, generally through the centre of the QD (Lightfoot and Farrow, 2002).

IQD is the offset facies associated with sulphide mineralization, and thus the main focus of the exploration.

Presently, the seven Offset Dykes occurring on the North Range include the Whistle-Parkin, Foy, Hess, Ministic, and Trill Offset and the two recently-discovered dykes on the Pele Mountain

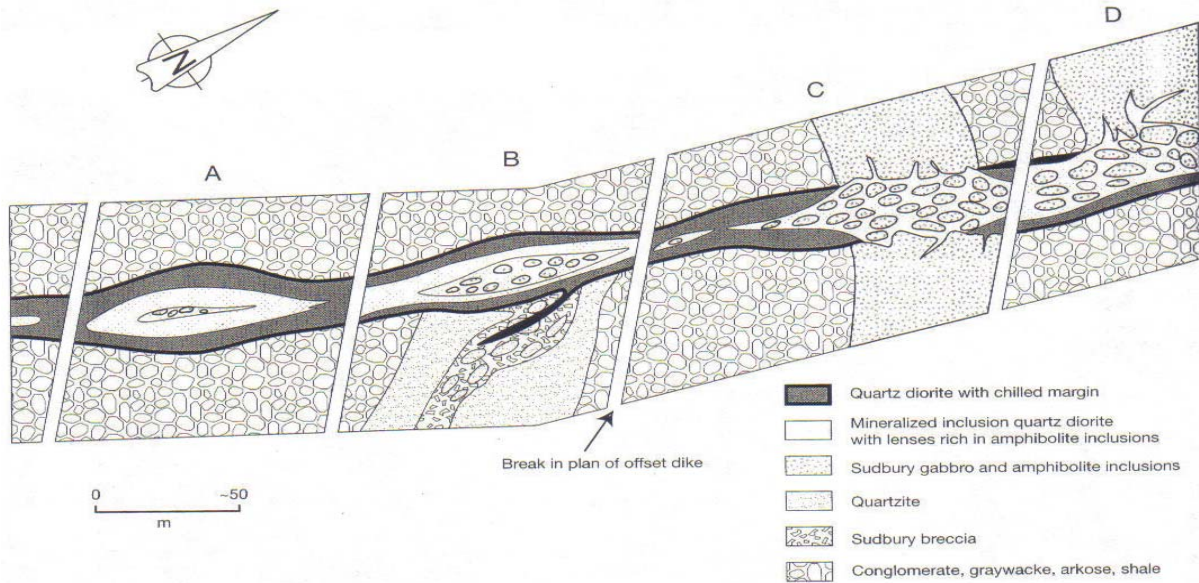


Figure 12: Schematic model of the Worthington Offset (from Lightfoot and Farrow, 2002).

Property. The Whistle-Parkin Offset hosts the future- and past-producing, Podolsky and Milnet mines, respectively, and three unnamed occurrences. The Foy Offset Dyke is known to host the past producing Nickel Offset Mine and a large number of occurrences (including WD series 150, 152, 155, 233, 234, 236, 237, 248, and 250, Crazy Creek, Nickel Lake, and three unnamed occurrences). The Hess Offset hosts the Rivers Option and Cartier Regional occurrences whereas the Trill Offset hosts the Trill offset showing. The Ministic Offset is not known to host any mineral occurrences.

The Copper Cliff and Worthington Offsets in the South Range host substantial Ni-Cu-PGE ore bodies whereas North Range Offsets historically have not demonstrated the same level of exploration potential. It is unknown whether the potential of the North Range Offsets has not been realized due to their generally remote and poorly accessible nature, or if it may have something to do with the relative erosion levels of the North Range compared to the South Range

(Figure 13). Another factor could be the effect of differing country rocks (granites and gneisses in the North Range, compared to metasediments and metavolcanics in the South Range) contributing different levels of assimilated contaminants such as sulphur along with Ni, Cu, and PGE.

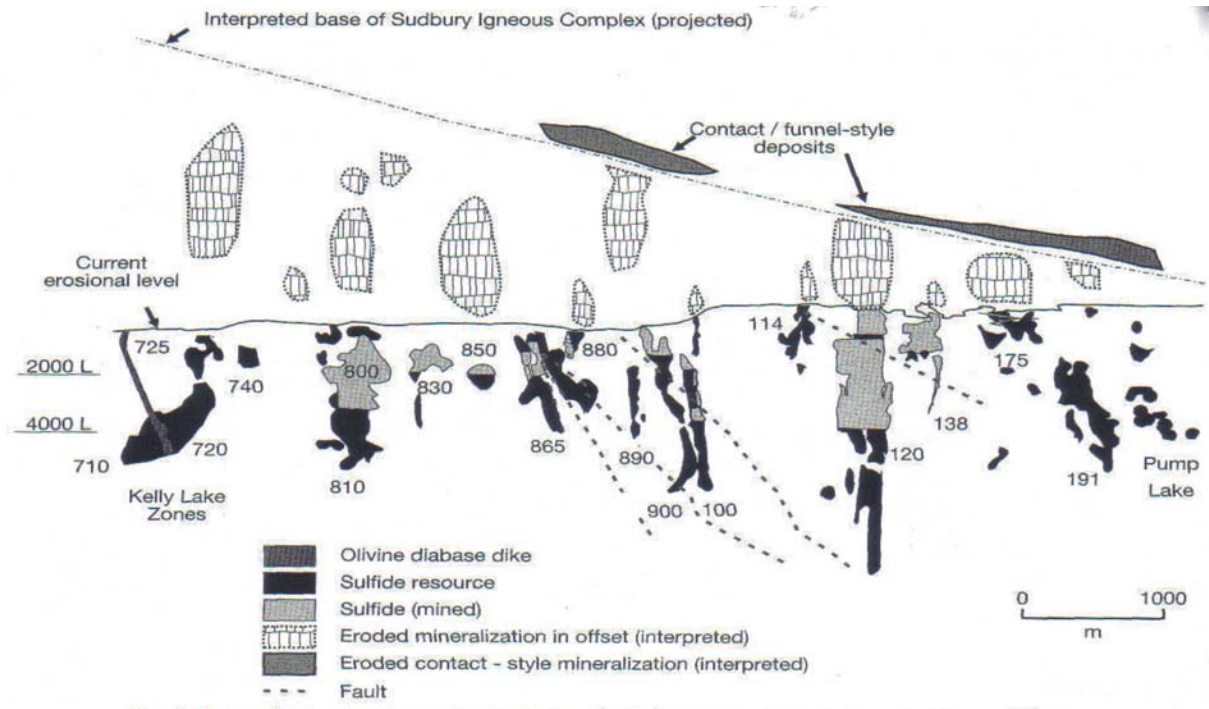


Figure 13: Longitudinal section showing the distribution of ore bodies and discontinuities along the Copper Cliff Offset (from Lightfoot and Farrow, 2002).

Exploration for footwall-style mineralization involves a number of techniques including mapping, prospecting, geophysics, lithochemisrtry and drilling. Detailed property-scale mapping (1:2,000) is important to characterize the distribution of rock types, structures and zones of alteration. Particular attention is paid to delineating the distribution of Sudbury Breccia and using it to characterize the contact thermal aureole of the SIC. Strongly recrystallized Sudbury Breccia is associated with most of the footwall deposits in Sudbury (Morrison *et al.*, 1994). Prospecting, usually conducted concurrently with mapping, has been very useful in the past for identifying and expanding near-surface mineral occurrences. Sudbury Breccia matrix is sampled at a nominal 50 to 100 metre spacing where outcrop density allows, and submitted for Cl and F analysis to identify potential halos of enriched Cl, as high Cl/F ratios have been documented in association with footwall deposits in Sudbury (Hanley, 2002; Jago *et al.*, 1994). Once areas of favourable geology are identified, various geophysical surveys are used to pinpoint drill targets.

Airborne Electromagnetic (EM) surveys, such as AeroTEM III, GEOTEM III or VTEM, and ground EM surveys, including Lamontagne's UTEM and Crone's Pulse EM surveys are used to search for moderately to strongly conductive accumulations of massive sulphide such as massive copper-rich veins that are associated with footwall deposits occurring at Strathcona, McCreedy East, McCreedy West, and Froot-Stobie. The depth penetration of these surveys varies between 200 and 400 metres, depending on the size and concentration of sulphide within the targeted body of mineralization. Induced Polarization (IP) surveys are used to target the disseminated sulphide halos that have been documented around most footwall-, contact-, and offset-style deposits in the Sudbury Camp. Depending on the configuration, standard IP surveys can offer reliable and high resolution depth penetration up to 100 to 150 metres depth. Diamond drilling of appropriate targets may then be followed up by borehole geophysics (either EM or IP) to further target either mineralized intersections or off-hole geophysical anomalies.

## **8. MINERALIZATION**

The original interest in the Property was sparked by the discovery of massive sulphide boulders along a logging road, and a new Quartz Diorite Offset Dyke about 1 km to the east of the boulder discovery. The highest values reported from these boulders was 1.31% Cu, <0.05% Ni, 0.1 ppm Pt, 0.21 ppm Pd, 0.8 ppm Au and 3.6 ppm Ag from a group of three samples collected by Falconbridge Ltd. The visible sulphides in the boulders were principally pyrite, pyrrhotite and minor chalcopyrite. Selected pieces were collected from one of the larger boulders for independent base and precious metal assay by Pele Mountain Resources and Wallbridge Mining. Results for Ni, Cu, Co, Pb, Mo, Zn, Pt, Pd and Au showed all samples returned negligible values or values under detection limits. The source of the sulphide boulders has yet to be determined and the values from the Falconbridge samples have never been repeated.

Trace amounts of sulphides are found in most lithologies on the Property. The greatest concentration was found in a geologically complex area in which the host granite contains highly deformed rafts of mafic gneiss cut by veins of Sudbury Breccia, various mafic dykes and apparently barren quartz veins. This area was the site of a number of EM anomalies, the strongest of which was drill tested by Wallbridge. At 46.64 metres depth, drill hole WPE-001 intersected

1.08 metres of semi-massive to massive sulphides hosted by Archean-aged mafic paragneiss. The majority of the sulphides were pyrrhotite and pyrite with minor chalcopyrite occurring as fracture fillings and, in the footwall, as fine disseminations. The intersection is believed to be the source of the EM anomalies.

About 50% of the samples of Sudbury Breccia and a lesser proportion of quartz-epidote veins contain small amounts of sulphide (<1%), which is mostly pyrite. The granite, which is often magnetic, can contain small amounts of magnetite and pyrite mineralization. On the weathered surface these zones show up as irregular rusty gossans. In addition, mafic dykes and gabbro can contain trace to minor amounts of pyrrhotite, pyrite and chalcopyrite.

To date, no significant mineralization hosted by the Quartz Diorite on the Pele Mountain Property has been discovered; only trace amounts of pyrite have been reported.

## **9. EXPLORATION**

The objectives of the 2008 mapping program were to: continue the exploration of the Sudbury Breccia Corridor that extends across the southern third of the Property for SIC- related Cu-Ni-PGE-Au mineralization and to investigate unexplained magnetic anomalies outlined by in airborne magnetic coverage. The work was conducted in Harty Township on claims 3011847, 3016232, 3016233, 3017393, 3018764, 3018768, 3018769, 3018770 and 301877.

During the month of June and the beginning of July, Katharine Eagles assisted by Ellen Phillips investigated nine magnetic high anomalies over a period of 18 days. The investigation included mapping geology and prospecting within anomalous magnetic highs and testing relative magnetic characteristic of the outcrops using a pen magnet.

Subsequent to that a crew of 2-4 including Gyorgyi Tuba, Janine Lahr, Katherine Eagles and Ellen Phillips spent five weeks during the last week of July and the month of August prospecting and mapping six IP anomalies delineated by the 2008 IP survey. During September 19<sup>th</sup> to the 24<sup>th</sup> Janine Lahr accompanied by Ben Gammon and Connor Zubal spent an additional five days mapping and prospecting two IP anomalies on Pele. The mapping was completed at 1:2000 scale,

using satellite imagery as a base map and GPS-receivers (UTM Zone 17N, NAD 27). Generally, north-south traverses were executed but this would vary depending on topographic features. Structural data was collected using a Silva Compass with inclinometer and recorded using the right hand rule.

## **9.1. GEOLOGICAL MAPPING AND SAMPLING**

The 2008 mapping and sampling program was designed to explore the unexplained magnetic highs delineated from a compilation of airborne magnetic coverage and target areas delineated by the 2008 Pele IP survey which targeted the Sudbury Breccia Corridor for SIC related Ni-Cu-PGE and Au mineralization (Figure 14).

A total of approximately 2.89 square kilometres was geologically mapped and 77 grab samples were collected. All 77 samples were analysed for precious and base metals, including 22 samples of Sudbury Breccia matrix collected for chlorine and fluorine analysis, and 28 samples of mafic intrusives collected for whole rock and REE element analysis. Thin sections were prepared from 13 of the samples, 12 of those were for transmitted light petrographic analysis and 1 for reflected light petrographic analysis. In addition to the grab samples 22 QA/QC samples were submitted.

### **9.1.1. MAGNETIC ANOMALIES**

Through previous work and joint ventures, Wallbridge has compiled airborne magnetic coverage over the majority of the Pele Mountain Property. The complexity of the magnetic data over the Main block of the Pele Mountain Property does not reflect the homogeneity of the geology as indicated by government mapping in the area. Initial mapping in 2008 set out to determine the cause of nine of these magnetic/geological discrepancies (Figure 15). Nine magnetic high anomalies were mapped during June and July as discussed below.

#### **Anomaly 1**

The outcrops in this area were all medium-grained granite, typical of most of the Pele Property. Two magnetic features were observed within this anomaly. On the southern-most edge of the



magnetic anomaly, a series of sub-millimeter width mafic veins were observed striking 009°. These veins, when observed at their widest, were magnetic as determined using a pen magnet.

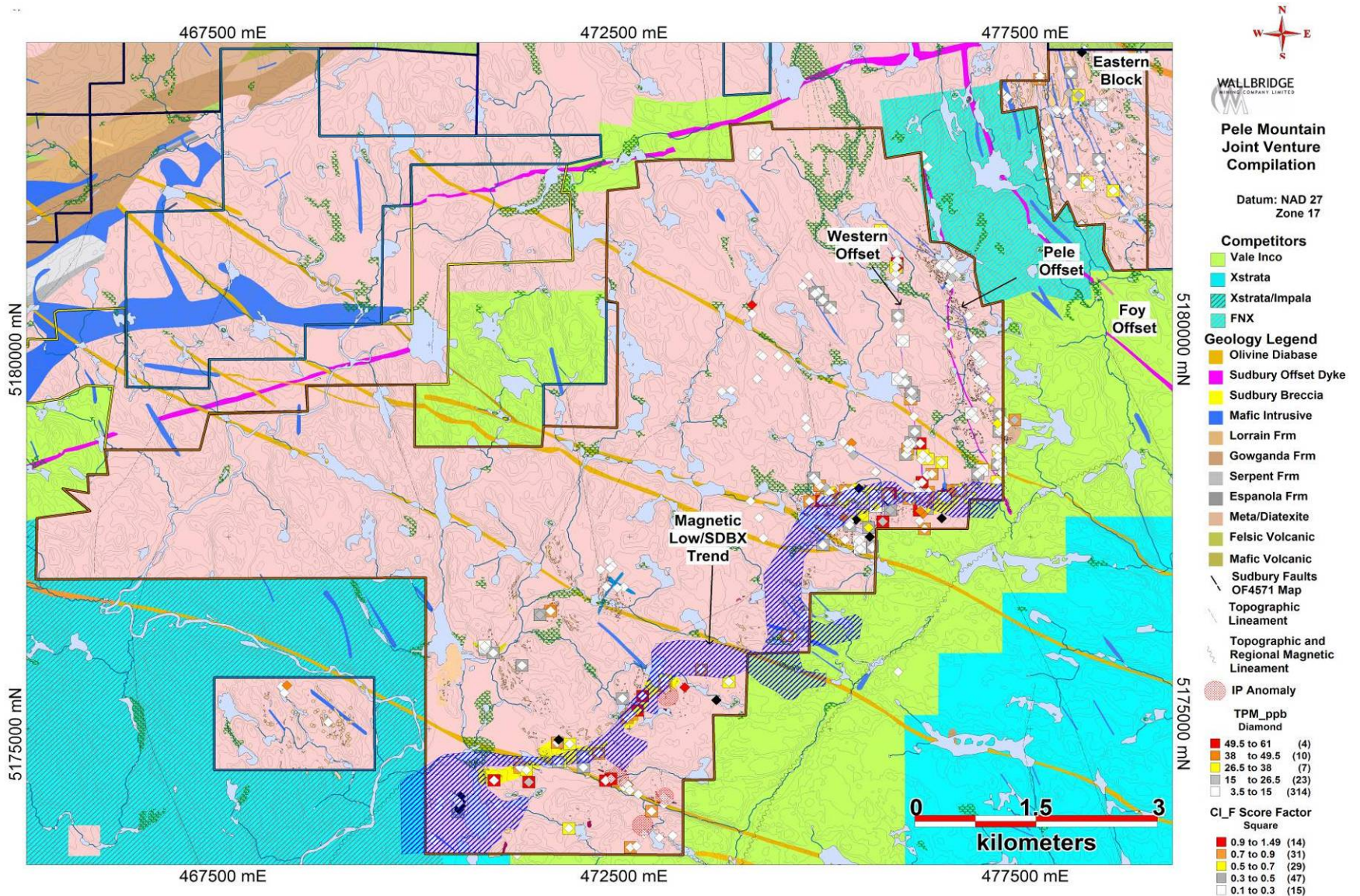


Figure 14: Pele Assay and Geology Compilation Map as indicated by Wallbridge Mapping and GSC Open File 4570.

While not sampled, it is believed that these veins contained magnetite, therefore giving them their magnetic properties.

The second magnetic feature was observed on the western edge of the anomalous region. In this area the granitic outcrops have a higher mafic mineral component; constituting up to 15%. The crystals observed were as large as 5 mm in diameter and highly magnetic; they are interpreted to be magnetite crystals intergrown with mafic silicates (biotite and amphibole).

### **Anomaly 2**

The outcrops in this area were mostly medium-grain granite. Two mafic dykes were abruptly cut by a fault oriented  $280^{\circ}/90^{\circ}$  along the northern edge of this anomaly. Both dykes were found to be highly magnetic and had aureoles of oxidized sulphides visible on weathered surfaces. Both were sampled, (802756 and 802757) but neither returned anomalous assays. The granitic outcrops west of the dykes were slightly magnetic likely due to +/- 10% magnetite crystals intergrown with mafic silicates (biotite and amphibole).

While not related to the magnetism of the area, a vein of Sudbury Breccia was mapped and sampled (802754, 802755), slightly west of the fault.

### **Anomaly 3**

The area surrounding this anomaly is mostly a beaver-dammed swamp. Slightly magnetic granite containing cm-wide veins of unrecrystallized Sudbury Breccia were mapped on the southwest side of the anomaly. A slightly magnetic Matachewan dyke was observed and sampled (802752) on the northern-most edge of the magnetic anomaly; but did not return any anomalous base or precious metal values.

### **Anomaly 4**

The outcrops in this magnetic anomaly were all medium- to coarse-grained granite. The majority of the granitic outcrops contained a higher than normal mafic component, constituting as much as 15% of the matrix. The crystals observed were as large as 4 mm in diameter and highly magnetic; and were interpreted to be magnetite.

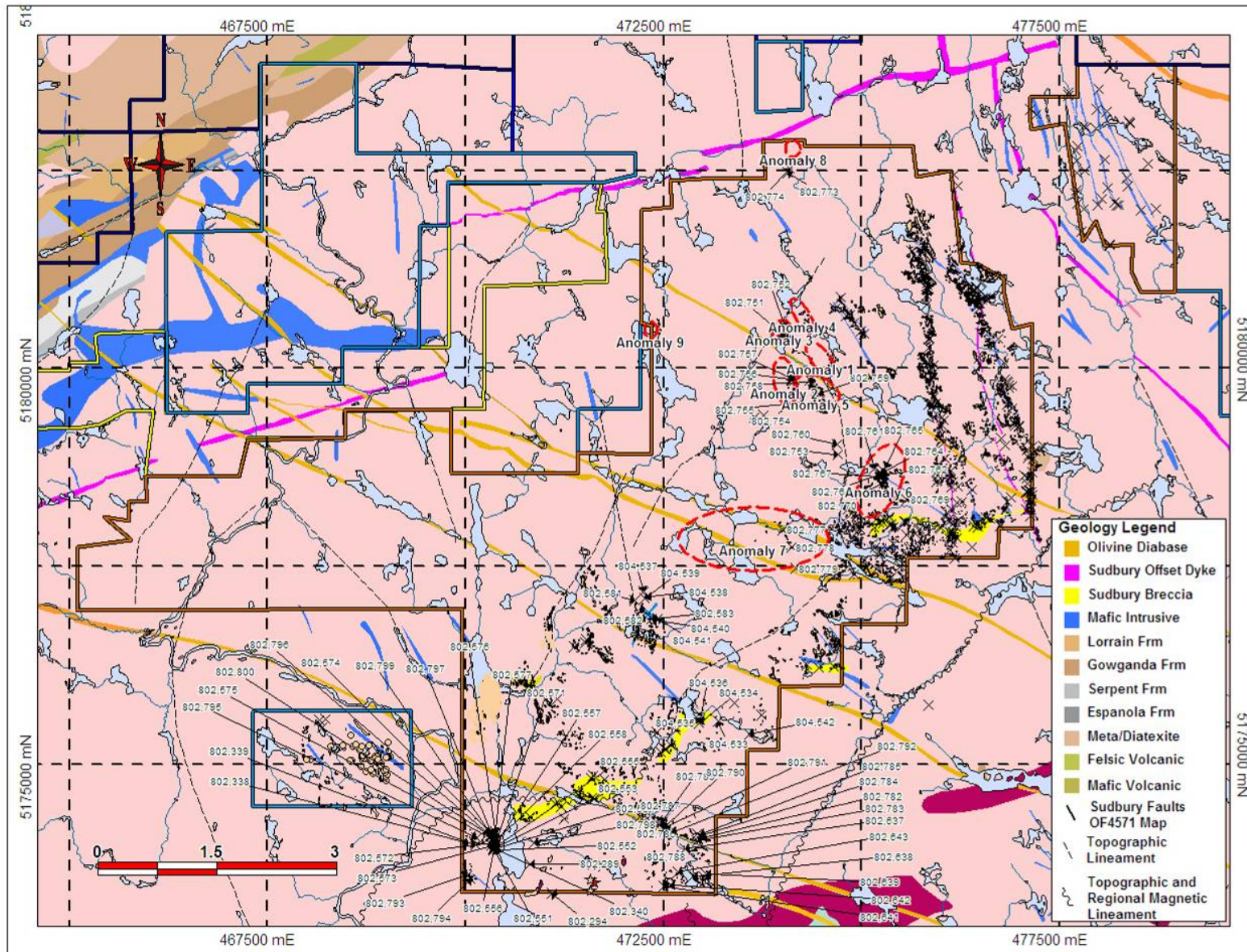


Figure 15: Magnetic Anomaly and Rock Sample Locations.

There also were areas within the magnetic anomaly where the granite was not magnetic. The northern-most and southern-most edges of the anomaly were covered by water and therefore, could not be investigated.

#### **Anomaly 5**

The outcrops in this magnetic anomaly were the same as Anomaly 4, but with magnetite grains up to 5mm.

There was a single mafic dyke showing on the edge of one of the granite outcrops. There were no visible contacts, but the dyke was magnetic and sampled; however, but the assay did not return anomalous base or precious metal values.

#### **Anomaly 6**

The outcrops in this area were mostly medium-grained granite. Three mafic dykes were observed in the northern portion of the magnetic anomaly and one in the southern portion. All four dykes were found to be slightly magnetic and the likely source of the magnetic response. Two of the dykes had visible phenocrysts. All the dykes were sampled and none of the samples returned anomalous values.

The granitic outcrops west of the dykes were slightly magnetic; likely due to +/- 10% magnetite crystals intergrown with mafic silicates (biotite and amphibole).

#### **Anomaly 7**

The outcrops in this magnetic anomaly were all medium-grained to course-grain granite. Every granitic outcrop encountered contained a higher than normal mafic component, up to 17%. The crystals observed were as large as 3 mm in diameter, highly magnetic and interpreted to be magnetite.

#### **Anomaly 8**

All the outcrops in this magnetic anomaly were medium- to course-grained granite. The majority of the granitic outcrops contained a higher than normal concentration of a mafic mineral, interpreted to be magnetite. The magnetite comprised up to 15% of the matrix, and the grains were up to 5 mm in diameter. Minor oxidation was noted on some joints.

### **Anomaly 9**

All the outcrops observed in this area were tall narrow granite cliffs. The outcrops were slightly magnetic to magnetic due to what is assumed to be sub-millimetre diameter magnetite grains. The mafic content of the outcrops was estimated at 10%-15%, the granite varies from fine- to medium-grained, with the mafic minerals remaining fine throughout.

#### **9.1.2. RESISTIVITY/INDUCED POLARIZATION TARGETS**

A crew of 2-4 including Gyorgyi Tuba, Janine Lahr, Katherine Eagles and Ellen Phillips spent five weeks prospecting and mapping six IP anomalies delineated by the 2008 IP survey (Figure 16, Table 3). The mapping was completed at 1:2000 scale, using satellite imagery as a base map and GPS-receivers (UTM Zone 17N, NAD 27). Generally, north-south traverses were executed but this would vary depending on topographic features. Structural data was collected using a Silva Compass with inclinometer and recorded using the right hand rule.

#### **Target L24-II and L28-I**

Janine Lahr and Kathryn Eagles mapped target areas L24-II and L28-I from July 28<sup>th</sup> to August 8<sup>th</sup>, 2008. The area is located at the south-western edge of the Pele Property and included segments of cut lines 24, 26, 28 and 30. The mapping area was bordered to the south by a northwest-trending topographic low bounded by steep cliffs and interpreted to be a result of recessive weathering of an olivine diabase dyke. The feature is occupied at surface by a flowing marsh. The majority the exposed outcrop is located on the margin of the topographic low. The outcrop exposure in the vicinity of the strongest anomalies was less than ideal; as a result, the anomalies in both target areas were not explained.

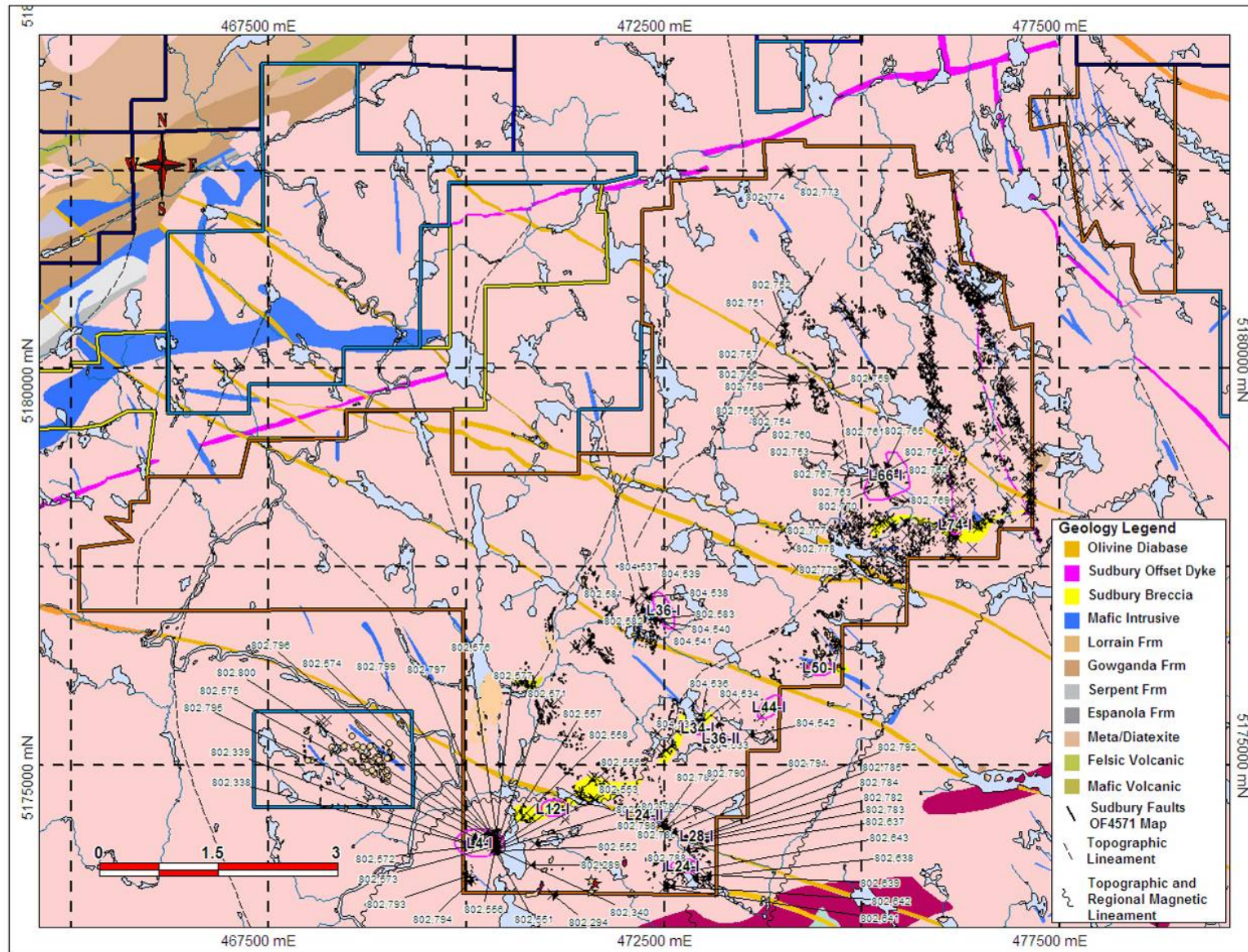


Figure 16: IP Target and Rock Sample Locations.

Table 3: Location and Explanation of Investigated IP Anomalies.

Grid Coordinates	Anomaly strength	Explanation of Anomaly
L24 11+75-12+25	Strong	The outcrops in this area are coarse-grained granite as described above, which contain magnetic stringers composed mostly of magnetite.
L24 8+25-8+75	moderate	Boulder laden area; mostly granitic lesser diabase; no explanation for IP
L26 11+75-12+25	weak	Slightly magnetic granite was observed in this area.
L26 9+50-10+00	moderate	Slightly magnetic granite was observed in this area.
L28 6+75-7+25	strong	The intermediate gneiss in this area contains trace disseminated sulphides in the melanosome as well as magnetite.
L30 9+75-10+25	weak	Most likely the swamp and the beaver dam in this area is the explanation of the anomaly.

The rocks units found in this area are granite, intermediate gneiss, diabase and sporadic veins of Sudbury Breccia.

The granite found in this area is equigranular, coarse- to very coarse-grained and contains approximately 80% quartz and feldspar. Mafic minerals (biotite, hornblende and accessory magnetite) make up the remaining 20%; however, the concentrations of magnetite in the granite vary as does the magnetic susceptibility. The colour of the granite is pinkish-white, and the plagioclase is commonly saussuritized. Epidote alteration is visible in many places and occurs as mm- to cm- wide veinlets.

The intermediate gneiss (IGN) mapped in the area has 50-70% leucosome and 30-50% melanosome. The leucosome is medium- to coarse-grained, and contains ~80% quartz and feldspar. The melanosome is fine-to medium-grained, consisting of pyroxenes, amphibolites, biotite, plagioclase and trace disseminated sulphides (pyrite mostly) and the weathered surface is often hematized. Epidote alteration occurs as mm- to cm-wide veinlets.



The mafic dykes in this area are dark grey to black, non- to slightly magnetic, equigranular and fine-grained. The dyke surfaces have patches of iron oxidization and the rock has patches of epidote alteration and trace disseminated sulphides (pyrite mostly). Phenocrysts of plagioclase (2-7mm in diameter) indicate that the dykes likely belong to the Matachewan suite.

Sudbury Breccia was not common or not well exposed in the target area as it was only mapped at one location. The Sudbury Breccia vein is hosted in granite and constituted ~1% of the outcrop. The breccia contained angular clasts and its alpha numeric descriptor was 1D4.

#### **Target L4-I**

This target area is located at the southern most tip of the Pele Property and covers segments of lines L2 and L4. Mapping was performed by Kathryn Eagles and Janine Lahr, assisted by Ellen Phillips (7days) and Martin D. Clark (1 day). The outcrop in the area was only exposed at higher elevations and surrounded by what is believed to be a thick layer of glacial till.

The rock units found in this area are granite and Sudbury Breccia. The granite contains epidote veins up to 10 cm wide which strike 324°, 314°, 348° and dip around 80 degrees. The granite also contains very coarse-grained pegmatite and fine- to medium-grain apalite veins. Xenoliths of intermediate gneiss, of the Levack Gneiss Complex, appear within the granite and along the Sudbury Breccia trend.

Mapping located a zone of Sudbury Breccia 55 metres wide, which was traced for 88 metres along strike and remains open to the east and west. The concentrations of Sudbury Breccia in individual outcrops, and within this trend, varies between 2 and 50%. Veins and lenses of Sudbury Breccia crosscutting the granitic host rock are frequently mantled by epidote altered zones. The thickness of the veins and diameter of the lenses vary between 20 cm and 1.5 m. The matrix from the Sudbury Breccia is mafic to intermediate with a heat index of 3 in the

north west of the mapped area and 5 in the southwest. The clasts are mostly granitoid and intermediate, with minor mafic clasts. The breccia veins strike W-NW.

The following strikes and dips of Sudbury Breccia/host rock contacts where recorded:

Easting	Northing	Accuracy	strike/dip
~470355- 470400	~5174000- 5174065	-	288/80- 90 290/80- 90 280/80- 90 292/80- 90 290/85- 90 294/85- 90 284/85- 90 280/80 296/80

**Target L24-I**

This target consists of a strong IP anomaly coincident with a magnetic high. The two main rock types of the area are the intermediate Levack Gneiss, intruded by the Cartier Granite. The northern part of the target area is dominated by granite which hosts gneissic xenoliths and the southern part consists mainly of gneiss intruded by smaller granite dykes. This is in agreement with the location of the contact between the granite and the Levack gneiss, as indicated by government mapping.

2008 mapping revealed a Matachewan Diabase dyke trending approximately northeast which was traced in outcrops and boulders for about 500 metres. Sudbury Breccia does not occur in significant concentrations and was only found in five locations in the target area. Where the Sudbury Breccia was exposed it occurs as small veins (2-5 cm in width) or as small irregular bodies with a 2BD4 designation. In some outcrops the breccia contained approximately 5% pyrite.

Pyrite mineralization occurring in Levack Gneiss was located south of the IP anomaly; however, it is also present in a small gneiss xenolith hosted in granite to the north. The pyrite forms nodular patches in the host rock, reaching a size of 5-10 mm in diameter. The mineralization can occur both as dissemination and as a vein in the gneiss. In the latter case the vein is more like a hairline crack, with no other alteration minerals visible in addition to pyrite. This type of alteration is most likely Archean and pre-Cartier Granite in age.

The centre of the target area is a large magnetic high with weak to strong chargeability anomalies coincident with a topographic low covered by swamps, a lake and boulders of 95% granite composition. Much of these boulders are coarse-grained and very magnetic. The remaining 5% of the boulders are comprised of diabase and gneiss; other rock types (e.g. SDBX) are insignificant in this number.

### **Target L 36-II**

Target L36-II contains a segment of the Sudbury Breccia Corridor delineated by 2007 mapping and a coincident IP anomaly delineated by the 2008 IP survey. The Sudbury Breccia occurrence was located at the end of the 2007 field season and was not mapped thoroughly. The area investigated is located southeast of “Chicken Lake” and covers portions of cut lines 34, 36 and 38. It extends from 473100 E to 473500 E and from 5175000 N to 5175700 N. The area was reached by ATV trails and cut lines.

The Sudbury Breccia mapped on the southern shore of Chicken Lake was described as 2ABC3 with rounded clasts up to 1.5m in diameter (Figure 17). Open space filling with epidote and calcite was commonly observed. The weathered surface of the Sudbury Breccia

matrix appears felsic, however, on a fresh surface the matrix appears intermediate in composition. The mapping and prospecting did not find the source of the IP anomalies in the area.



Figure 17: SDBX at the southern shore of Chicken Lake.

### **Target L36-I**

The area is located at the northern 500 m of cut lines 32, 34 and 36. It extends from 472100 E to 472600 E and from 5176600 N to 5177400 N. The southern end of the target area was bordered by a swamp; the balance of the area had 30-40% outcrop exposure within open bush.

The mapping was accomplished by executing 100 m spaced traverses. The geology of the area was dominated by granite, Matachewan diabase and a high magnetic diabase (olivine-diabase?) as well as minor Sudbury Breccia.

The granite found in this area is equigranular, coarse- to very coarse-grained and contains approximately 80% quartz and feldspar. Mafic minerals (biotite, hornblende and accessory magnetite) make up the remaining 20%. The colour of the granite is pinkish-white and plagioclase was often observed to be saussuritized. Epidote veins mm- to cm- wide are common. The granite is non-magnetic to slightly magnetic, which is proportional to the amount of magnetite.

The Matachewan Diabase dyke strikes 240°, is fine-grained and contains phenocrysts of plagioclase up to 1.5cm in diameter. A second diabase dyke was discovered in the mapped area. It had an equigranular, medium-grained texture and trended 020-030°. Some outcrops of the dyke were strongly epidotized.

In the south-eastern part of the mapping area Sudbury Breccia veins were found hosted in granite in concentrations up to ~20% within individual outcrops. The matrix was mafic to intermediate, one sample was taken in which the matrix appears felsic. The clasts are mostly granitoid and the matrix has a heat index of 4. An outcrop of breccia at 472437 mE and 5,176,833 mN (NAD 27) has a heat index of 3, a banded and vuggy texture, contains pyrite and very strong epidote alteration.

#### **Target L74-I**

Prospecting immediately east of the western Pele Offset Dyke failed to locate any significant concentrations of mineralization, although near the contact between granite and Quartz Diorite the soil was highly hematized and a very strong odour of sulphur was noted.

## **10. INTERPRETATION AND CONCLUSIONS**

The area of the Pele Mountain Property that has been mapped to date represents a fraction of this large Property. Within the portion that has been investigated, two new Offset Dykes and a concentric belt of Sudbury Breccia have been discovered. Although favourable sulphide mineralization has not been discovered on either of the two Offset Dykes, weak TPM and

pathfinder elements (Ag, Bi, Te, Sn, Sb) and Cl enrichment has been detected in the Sudbury Breccia outcrops across the southern third of the Property.

#### **10.1. MAGNETIC ANOMALIES**

Through previous work and joint ventures, Wallbridge has compiled airborne magnetic coverage over the majority of the Pele Mountain Property. The data shows a number of magnetic heterogeneities within the Main block of the Pele Mountain Property which do not reflect the homogeneity of the geology as indicated by government mapping in the area. Initial mapping in 2008 set out to determine the cause of nine of these magnetic heterogeneities (Figure 15).

Mapping and prospecting showed that the majority of the variation in the magnetic character of the area could be attributed to variation of in the magnetite content of the granitic and gneissic host rocks or cross cutting diabase dykes.

#### **10.2. SUDBURY BRECCIA CORRIDOR**

The Sudbury Breccia corridor that trends across the southern third of the Property appears to be an anastomosing unit, pinching and swelling much like most occurrences of Sudbury Breccia. It does however seem to be trending concentrically to the SIC which hints to a genetic link to the development of major concentric faults along which the transient Sudbury impact crater is hypothesized to have collapsed. Exploration of these concentric features should provide a better understanding of their genesis and give a clear idea of the exploration potential of the SIC Footwall. Selected samples of the breccia from the Sudbury Breccia Corridor contained weakly anomalous concentrations of Pt and Pd (PGE), and pathfinder elements, similar to enrichments encountered in breccias that host Cu-PGE mineralization at Xstrata's Strathcona Mine and FNX's McCreedy West Mine in the Levack Trough about 8 kilometres to the south.

To identify precious and base metal exploration targets along the Sudbury Breccia corridor, a total of 104.9 km of IP (pole-dipole,  $a = 50$  m,  $n = 1$  to 10) surveying was carried out across the southern breccia belt. Following interpretation of pseudosections and image2D ® true-depth sections, a total of fifty-five anomalous chargeability trends were identified by the contractor. Eight of those were characterized as First Priority prospecting targets, five as Second Priority, 15 as third priority and 27 as less than third order priority. Follow-up recommendations include an extensive initial prospecting program over the twenty-eight targets. Pending results, drilling may be carried out over eight first-priority targets, two second-priority targets and one third-priority target.

Wallbridge Geologists reviewed data and recommendations from the contractor and outlined 12 high priority and 20 low priority targets (Table 4 and Figure 16). The high priority targets included:

- 1) IP anomalies with chargeabilities  $> 10$  mV/V (strong IP anomaly) above background coincident with Sudbury Breccia or Quartz Diorite Offset Dyke outcrop or interpreted trend, or coincident strong magnetic feature.
- 2) IP anomalies with chargeabilities 5 mV/V - 10mV/V (moderate IP anomaly) above background coincident with Sudbury Breccia or Quartz Diorite Offset Dyke outcrop or interpreted trend, areas with elevated anomalous precious metal concentrations in grab samples, or coincident strong magnetic feature.
- 3) Unexplained IP anomalies with chargeabilities  $> 10$  mV/V (strong IP anomaly) above background.

The low Priority targets include:

- 1) Unexplained multiline IP anomalies with chargeabilities 5 mV/V - 10mV/V above background.
- 2) IP anomalies with chargeabilities  $>5$  mV/V (weak IP anomaly) above background coincident with Sudbury Breccia or Quartz Diorite Offset Dyke outcrop or interpreted trend, areas with elevated anomalous precious metal concentrations in grab samples, or coincident with strong magnetic feature.

Mapping and prospecting during the summer targeted a number of the high priority targets delineated by the IP survey. The results of the mapping failed to explain any of the high priority targets; however, the mapping succeeded in removing eight targets from the high priority list.

Table 4: Wallbridge Targets interpreted from 2008 IP Survey.

Target	Priority		Description
	Pre-2008 Mapping	Post-2008 Mapping	
L4-I	High	Moderate	weak to questionable chargeability anomaly associated with weak-moderately recrystallized Sudbury Breccia with no elevated Cl or PGE's.
L12-I	High	High	weak to questionable chargeability anomaly associated with weak-moderately recrystallized Sudbury Breccia and favourable F/Cl factor score.
L24-I	High	High	Strong chargeability anomaly coincident with a strong mag at the intersection of two mag low trends which propagate north from a larger mag low trend which extends back to the SIC (Pike Lake trough). No outcrop exposed at the location of the strong chargeability; 120m south outcrop of IGN with up to 1% py.
L24-II	High	Moderate	Strong but shallow chargeability anomaly on the edge of a topo low ~100m E of Sudbury with Elevated F/Cl factor scores. May be related to conductive overburden, magnetite stringers in granite or near surface mineralization.
L28-I	High	Moderate	Strong chargeability anomaly. Mapping indicates chargeability anomaly are most likely hosted in IGN with trace disseminated sulphides; not definite as anomaly is on edge of outcrop.
L34-I	High	High	Moderate chargeability anomaly on the of Sudbury Breccia corridor. Sudbury Breccia proximal to the anomaly have elevated F/Cl Factor score.
L36-I	High	low	Weak chargeability and high resistivity coincident with a mag high with no favourable geology indicated.
L36-II	High	low	Moderate chargeability anomaly in a resistivity and mag high 205m south of suspected Sudbury Breccia corridor. Mapping indicates it is hosted in granite/IGN.
L44-I	High	low	Moderate chargeability anomaly associated with high resistivity. Mapping suggests the anomaly is hosted in granite/IGN.
L50-I	High	Moderate	Questionable chargeability responses coincident Sudbury Breccia corridor. Overburden is marshy and may be source of chargeability response.
L66-I	High	low	Weak chargeability associated with resistivity and mag high. Mapping indicates responses are hosted in granite and mafic dykes.
L74-I	High	High	Moderate chargeability anomaly coincident with a zone of Sudbury Breccia with elevated PGE and F/Cl Factor score and proximal to the Western Pele Offset Dyke.

## 11. RECOMMENDATIONS

Recommendations for the 2009 exploration program include:

- Drill test unexplained IP anomalies associated with Sudbury Breccia corridor to test for Cu-PGE mineralization.
- Drill test strong anomalies unexplained by mapping to evaluate their prospectively.



- Continue mapping and prospecting along the extensive logging road and ATV trail network focusing on the discovery of new Offset Dykes and belts of Sudbury Breccia, and to establish their prospectively to host Cu-PGE mineralization.
- Continued mapping and prospecting of the Pele Offset Dyke discovered in 2005 to better constrain the dyke by filling in the gaps between outcrops and search for outcrops of Inclusion Quartz Diorite.

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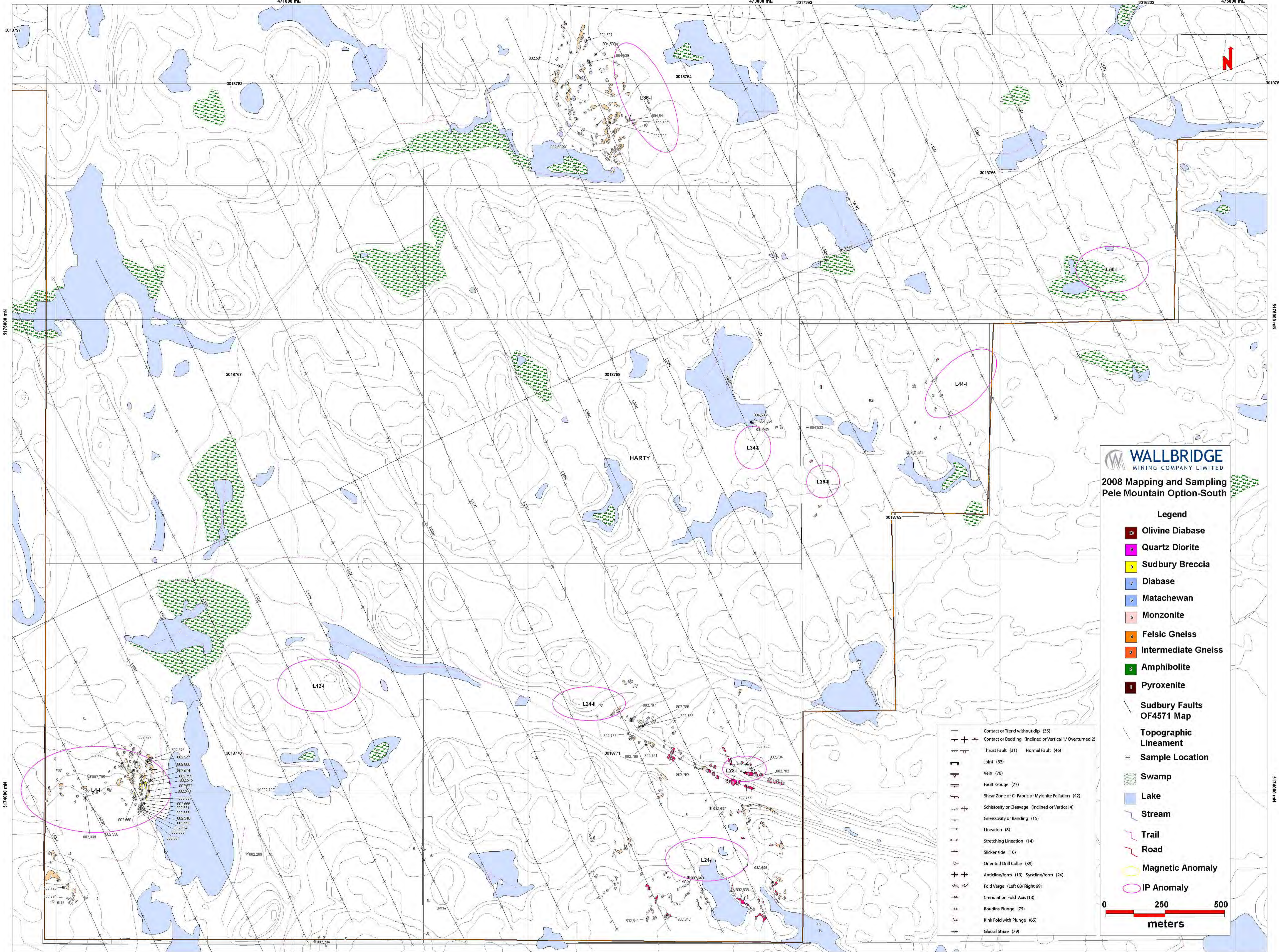
**DATE AND SIGNATURE PAGE**

I, David Smith, do hereby certify that:

1. I reside at 2242 Louisa Drive Sudbury, Ontario, Canada, P3E 4W8.
2. I am a graduate from Laurentian University in 2005 with my Bachelor of Science (Hons.) in Geology and have been practicing my profession ever since.
3. My post graduate work experience includes four years working in the North Range of the SIC.
4. I am a Junior Geologist with Wallbridge Mining Limited.
5. I have personally supervised the work carried out in 2008.
6. I have prepared this summary report which presents the results of Wallbridge Mining Limited 2008 mapping on the Pele Property.
7. I am employee, and insider, of Wallbridge Mining Company and I do not qualify as an independent Qualified Person.



David Smith  
Junior Project Geologist  
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Lively, Ont. P3Y 1L7

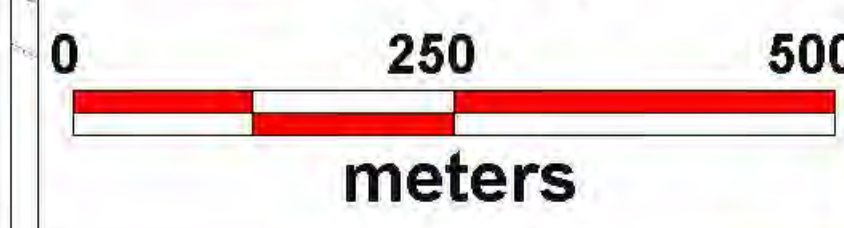


**WALLBRIDGE**  
MINING COMPANY LIMITED  
2008 Mapping and Sampling  
Pele Mountain Option-South

**Legend**

- Olivine Diabase
- Quartz Diorite
- Sudbury Breccia
- Diabase
- Matachewan
- Monzonite
- Felsic Gneiss
- Intermediate Gneiss
- Amphibolite
- Pyroxenite
- Sudbury Faults OF4571 Map
- Topographic Lineament
- Sample Location
- Swamp
- Lake
- Stream
- Trail
- Road
- Magnetic Anomaly
- IP Anomaly

- Contact or Trend without dip (35)
- Contact of Bedding (Inclined or Vertical 1/Overturned 2)
- Thrust Fault (31) Normal Fault (46)
- Joint (53)
- Vein (78)
- Fault Gouge (77)
- Shear Zone or C-Fabric or Mylonite Foliation (42)
- Schistosity or Cleavage (Inclined or Vertical 4)
- Gneissosity or Banding (15)
- Lineation (6)
- Stretching Lineation (14)
- Slickenside (10)
- Oriented Drill Collar (89)
- Anticline/form (19) Syncline/form (24)
- Fold Verges (Left 68/Right 69)
- Crenulation Fold Axis (13)
- Boudins Plunge (75)
- Kink Fold with Plunge (65)
- Glacial Striae (79)



472500 mE

LEINSTER

473500 mE

474500 mE

TYRONE

475500 mE

5182000 mN

5181000 mN

5180000 mN

5179000 mN

5178000 mN

5177000 mN

5176000 mN

5175000 mN

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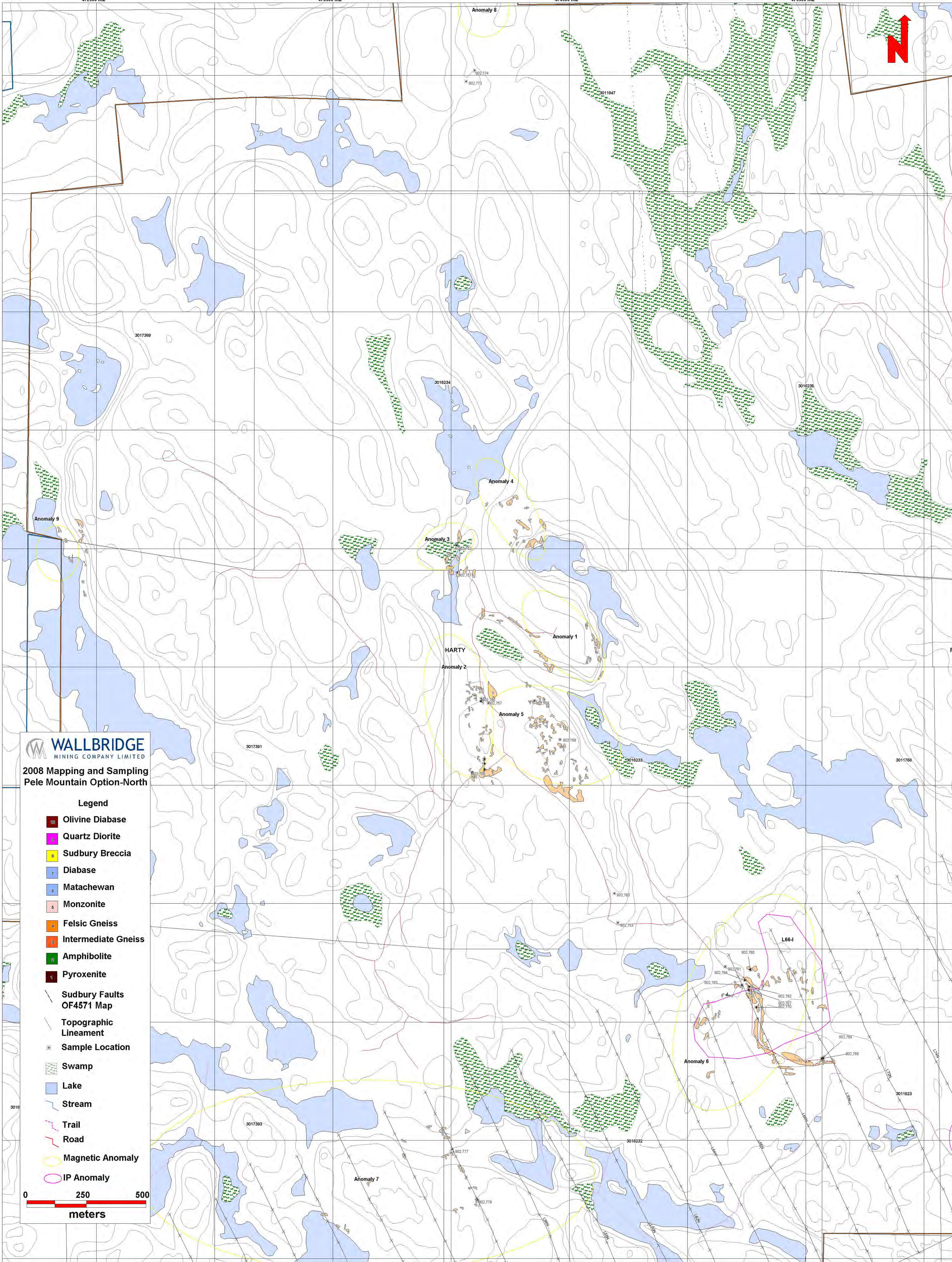
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5173000 mN

5172000 mN

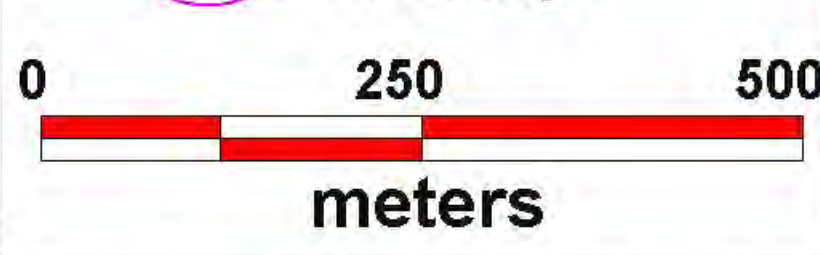


**WALLBRIDGE**  
MINING COMPANY LIMITED

**2008 Mapping and Sampling  
Pele Mountain Option-North**

**Legend**

- Olivine Diabase
- Quartz Diorite
- Sudbury Breccia
- Diabase
- Matachewan
- Monzonite
- Felsic Gneiss
- Intermediate Gneiss
- Amphibolite
- Pyroxenite
- Sudbury Faults  
OF4571 Map
- Topographic  
Lineament
- \* Sample Location
- Swamp
- Lake
- Stream
- Trail
- Road
- Magnetic Anomaly
- IP Anomaly



472500 mE

473500 mE

474500 mE

475500 mE

FOY

L744





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129 FIELDING RD  
LIVELY ON P3Y 1L7

Page: 1  
Finalized Date: 29-AUG-2008  
Account: RLH

## CERTIFICATE SD08118485

Project: 658  
P.O. No.: 028642  
This report is for 7 Rock samples submitted to our lab in Sudbury, ON, Canada on 22-AUG-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN	BRUCE JAGO	ACCOUNTS PAYABLE
-----------------	------------	------------------

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis
WEI-21	Received Sample Weight

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 2 (A - D)  
Finalized Date: 29-AUG-2008  
Account: RLH

Project: 658

## CERTIFICATE OF ANALYSIS SD08118485

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
802784		0.96	49.3	14.20	13.60	9.57	5.66	2.17	0.85	0.02	1.18	0.24	0.12	0.03	0.03	0.98
802785		0.94	62.3	16.15	5.34	4.51	2.74	4.35	1.76	0.02	0.57	0.07	0.37	0.07	0.06	1.39
802786		0.88	44.6	14.75	16.05	6.96	4.67	3.40	1.34	<0.01	3.70	0.17	1.10	0.06	0.09	1.90
802787		1.12	50.2	12.95	15.95	9.37	5.23	2.25	0.74	0.01	1.28	0.24	0.16	0.02	0.02	1.46
802788		2.28	51.0	13.25	15.65	9.00	4.74	2.43	0.70	0.01	1.10	0.21	0.15	0.03	0.02	1.18
802789		0.62	52.0	13.45	13.10	8.80	5.86	2.13	1.06	0.02	0.96	0.22	0.12	0.04	0.02	2.09
802790		2.08	63.7	15.25	6.17	1.96	3.00	4.09	2.54	0.03	0.60	0.08	0.09	0.06	0.06	1.41



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Finalized Date: 29-AUG-2008  
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Project: 658

<b>CERTIFICATE OF ANALYSIS SD08118485</b>
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Sample Description	Method Analyte Units LOR	TOT-ICP06 Total %	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
		0.01	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
802784		98.0	<1	278	24.1	39.8	150	0.17	109	5.10	3.22	1.26	19.6	4.44	3.0	1.10
802785		99.7	<1	523	50.7	7.9	160	1.01	20	4.00	1.85	1.47	20.5	5.60	3.3	0.71
802786		98.8	<1	799	101.5	48.6	40	1.39	31	9.09	5.03	3.62	25.8	11.55	7.7	1.78
802787		99.9	<1	164.0	27.9	50.2	70	0.63	108	5.70	3.68	1.36	19.5	4.93	3.4	1.23
802788		99.5	<1	194.0	33.6	51.8	40	0.67	164	4.82	3.06	1.27	18.8	4.66	3.0	1.04
802789		99.9	1	197.5	50.3	52.3	160	0.82	188	4.36	2.80	1.23	18.6	4.61	2.8	0.93
802790		99.0	<1	497	143.5	14.1	190	1.26	48	2.00	0.88	1.34	24.4	6.82	4.1	0.30



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Project: 658

<b>CERTIFICATE OF ANALYSIS SD08118485</b>
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Sample Description	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
	0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05
802784	9.8	0.46	<2	6.5	14.2	73	10	3.17	18.4	3.68	1	249	0.4	0.80	1.74
802785	23.1	0.17	2	9.7	24.3	39	10	6.14	82.5	5.45	1	548	0.5	0.81	7.47
802786	43.8	0.65	2	33.0	58.0	57	9	13.40	49.4	11.95	3	476	1.9	1.67	3.01
802787	11.9	0.54	<2	6.9	16.1	54	10	3.64	35.0	4.12	1	168.5	0.4	0.88	2.13
802788	14.9	0.44	<2	4.8	17.2	53	8	4.14	25.7	3.98	1	193.5	0.3	0.79	2.87
802789	24.0	0.41	<2	5.6	22.3	88	20	5.88	53.6	4.20	1	341	0.3	0.73	5.62
802790	69.9	0.09	2	12.5	57.6	81	30	16.20	97.6	8.26	1	487	0.5	0.61	21.8



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<b>CERTIFICATE OF ANALYSIS SD08118485</b>
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Sample Description	Method Analyte Units LOR	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2
802784		<0.5	0.48	0.44	342	2	28.1	3.10	137	109
802785		<0.5	0.22	1.11	103	1	18.2	1.26	80	122
802786		<0.5	0.68	0.75	197	1	45.5	4.24	195	343
802787		<0.5	0.54	0.54	386	1	31.6	3.55	170	126
802788		<0.5	0.46	0.61	328	1	26.7	2.94	151	114
802789		<0.5	0.41	0.53	303	1	23.8	2.60	198	108
802790		<0.5	0.09	1.10	110	1	7.4	0.63	149	161



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Page: 1  
Finalized Date: 4-SEP-2008  
Account: RLH

## CERTIFICATE SD08118482

Project: 658

P.O. No.: 028640

This report is for 22 Rock samples submitted to our lab in Sudbury, ON, Canada on 21-AUG-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 4-SEP-2008  
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Project: 658

CERTIFICATE OF ANALYSIS	SD08118482
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
802782		1.52	<0.001	<0.005	0.002	0.08	7.91	0.2	830	1.36	0.05	2.8	0.04	52	22.6	210
802783		0.86	<0.001	<0.005	0.001	<0.01	7.33	<0.2	430	1.32	0.04	2.12	0.05	42.2	10	66
802784		0.96	0.003	<0.005	0.002	0.21	7.69	<0.2	260	0.67	0.03	6.64	0.19	24.4	36.9	106
802785		0.94	<0.001	<0.005	0.002	0.04	8.01	<0.2	490	0.95	0.03	2.86	0.03	44.4	7.9	122
802786		0.88	<0.001	<0.005	0.001	<0.01	7.82	0.4	700	2.31	0.03	4.65	0.15	103.5	43.9	27
802787		1.12	0.001	<0.005	0.001	0.35	6.79	<0.2	150	0.69	0.09	6.26	0.1	28.2	46.9	47
802788		2.28	0.002	0.019	0.020	0.33	6.95	<0.2	190	0.69	0.05	5.98	0.11	37.7	51.9	30
802789		0.62	0.003	<0.005	0.001	0.82	7.06	<0.2	180	0.77	0.18	5.84	0.14	51.4	46.9	115
802790		2.08	<0.001	<0.005	0.001	0.15	7.89	<0.2	470	0.87	0.03	1.37	0.07	139	13.5	150
802791		0.68	<0.001	<0.005	0.002	0.11	7.22	0.3	810	0.73	0.07	0.55	0.13	73.8	27.6	148
802792		0.64	<0.001	<0.005	0.001	0.03	7.46	<0.2	1270	0.75	0.09	2.34	0.05	131	12.2	81
802793		0.86	<0.001	<0.005	<0.001	0.5	6.25	<0.2	1180	0.68	0.02	0.7	0.02	193.5	1.8	5
802794		1.18	<0.001	<0.005	0.001	<0.01	6.85	<0.2	1040	2.25	0.03	2.69	0.05	121.5	11.7	72
802795		2.16	<0.001	<0.005	<0.001	<0.01	6.88	<0.2	710	2.26	0.04	1.07	0.08	187.5	6.5	17
802796		1.70	<0.001	<0.005	0.003	<0.01	7.06	<0.2	1460	1.52	0.02	1.92	0.02	208	11.7	31
802797		1.26	<0.001	<0.005	<0.001	<0.01	7.19	0.3	2450	1.5	0.03	1.61	0.03	323	8	18
802798		1.52	<0.001	<0.005	0.001	<0.01	6.86	<0.2	610	1.59	0.02	2.95	0.03	155.5	13.5	57
802799		1.48	<0.001	<0.005	0.001	<0.01	6.96	<0.2	1840	1.27	0.02	1.52	0.03	196	7.1	23
802800		0.94	<0.001	<0.005	0.001	<0.01	7.08	<0.2	660	1.43	0.03	2.85	0.06	179	11.4	40
802568		1.62	<0.001	<0.005	0.001	<0.01	7.19	<0.2	1600	1.75	0.02	1.92	<0.02	289	10.9	29
802569		0.08	0.127	0.317	5.57	0.2	5.59	<0.2	40	0.15	0.16	4.7	0.07	2.9	81	243
802570		0.70	<0.001	<0.005	0.001	<0.01	0.98	<0.2	20	0.23	0.02	0.02	<0.02	11.15	0.6	21



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Plus Appendix Pages  
Finalized Date: 4-SEP-2008  
Account: RLH

Project: 658

## CERTIFICATE OF ANALYSIS SD08118482

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Units		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
LOR		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
802782		2.87	42.5	5.93	22.8	0.16	2.2	0.035	2.62	23.5	40.8	2.8	774	3.13	1.89	6.8
802783		0.82	9.3	1.58	18.7	0.09	11.7	0.009	1.07	20.9	9.7	0.68	196	1.52	3.07	8.5
802784		0.19	102.5	8.92	18.05	0.16	1.8	0.086	0.69	10.7	11.7	3.33	1790	0.56	1.49	6
802785		1.06	16.7	3.59	19.25	0.15	2.1	0.028	1.38	19.8	20.1	1.55	506	1.38	2.88	9.2
802786		1.48	25.6	10.1	23.1	0.23	7.8	0.109	1.07	44.7	14.6	2.63	1235	1.67	2.29	29.8
802787		0.65	98.5	10.05	18.15	0.18	3	0.087	0.59	12.9	13.9	2.98	1740	0.47	1.51	6.4
802788		0.76	166.5	9.84	19.15	0.17	2.9	0.079	0.56	17.7	11.2	2.68	1500	0.54	1.64	5
802789		0.87	174	8.27	17	0.16	2.5	0.084	0.85	25.4	21	3.34	1580	0.51	1.44	5.2
802790		1.33	43.8	4.16	23.2	0.18	2.2	0.042	1.97	66.4	35.6	1.73	575	1.42	2.78	11.9
802791		1.74	11.1	4.23	20.6	0.15	3.8	0.022	2.83	29.3	33.4	1.83	402	1.54	2.53	14.1
802792		2.45	14	3.35	20.5	0.19	3.4	0.057	3.19	63.1	17.6	1.15	347	1.14	1.53	6.6
802793		0.23	1.7	1.04	15.9	0.16	3.4	0.013	4.2	95.9	6	0.24	150	0.12	1.98	4
802794		0.74	8.9	3.51	21.2	0.2	4.5	0.049	2.96	62.9	10.9	1.3	569	0.85	2.12	15.4
802795		0.49	18.7	2.22	21.3	0.19	6.4	0.047	3.14	94.5	13.7	0.49	447	3.11	2.63	12.7
802796		0.69	13.9	3.47	19.25	0.21	6.3	0.038	3.2	110.5	11.8	0.85	331	0.44	2.3	7.7
802797		0.8	49.4	2.9	21.5	0.3	8.5	0.034	3.19	171	16.6	0.56	315	0.55	2.36	10.6
802798		0.17	0.8	3.49	19.25	0.22	5.3	0.049	2.92	83.1	8.4	1.15	480	0.58	1.96	7.3
802799		0.51	11.6	2.35	19.15	0.2	5.1	0.028	3.33	105.5	10.1	0.58	316	0.27	2.3	5.4
802800		0.87	16.3	3.7	20.6	0.23	5.5	0.058	1.99	93.1	12.1	1.1	499	0.67	2.45	11.3
802568		0.6	31.5	3.15	20.1	0.26	7	0.037	3.02	145.5	13.1	0.85	465	0.35	2.5	8.3
802569		0.99	444	7.39	9.68	0.18	0.2	0.025	0.18	1.3	23.9	9.07	1345	0.57	0.54	0.3
802570		0.05	3.1	0.19	2.11	0.07	2.2	<0.005	0.25	5.8	1.5	0.03	21	0.38	0.06	0.3





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Plus Appendix Pages  
Finalized Date: 4-SEP-2008  
Account: RLH

Project: 658

## CERTIFICATE OF ANALYSIS SD08118482

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units LOR	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
802782		102.5	1020	11	126	0.002	0.15	<0.05	21.2	2	1	498	0.41	0.05	5	0.467
802783		28	280	18.7	44.5	<0.002	0.05	<0.05	4.1	1	0.6	554	0.44	0.05	12.4	0.294
802784		66.5	520	6.6	18.6	0.002	0.08	<0.05	37.9	2	1.2	260	0.4	<0.05	1.7	0.729
802785		37.5	1510	7.7	65.6	<0.002	0.09	<0.05	12.5	2	0.6	533	0.49	<0.05	7	0.347
802786		52.2	4330	6.7	47.9	<0.002	0.22	0.06	21.1	3	2.4	470	1.67	0.05	3	2.15
802787		49.8	630	8.3	35.1	0.003	0.11	0.07	43	3	1.1	166	0.4	0.09	2.1	0.757
802788		53.4	650	7.1	28.2	<0.002	0.1	0.05	39.6	2	1	209	0.3	0.07	3	0.647
802789		79.1	520	18.5	52.4	0.002	0.35	0.08	37.7	2	1.2	344	0.31	0.16	5.6	0.571
802790		76.9	400	27	93	<0.002	0.25	<0.05	12.9	1	0.8	482	0.46	0.06	19.6	0.363
802791		65.7	410	12.7	129	<0.002	0.12	<0.05	14.4	1	0.7	405	0.55	0.09	17	0.362
802792		41.5	580	12.4	130.5	<0.002	0.1	<0.05	11.3	2	0.8	534	0.34	0.05	24.4	0.284
802793		3.4	650	11.4	90	<0.002	<0.01	<0.05	3.7	2	0.9	210	0.07	<0.05	27.1	0.19
802794		32.9	1000	8.1	134	<0.002	0.03	0.05	9.9	2	1.2	571	0.79	<0.05	9.9	0.444
802795		6.4	720	34.8	162.5	<0.002	0.02	<0.05	6.7	2	1.4	207	0.44	<0.05	39.5	0.297
802796		17.2	1070	6.4	142.5	<0.002	0.04	0.09	10.4	2	1.3	435	0.35	<0.05	25.5	0.377
802797		8.6	1150	17.8	134.5	<0.002	0.04	0.05	7.4	2	1.9	516	0.51	0.05	49.7	0.367
802798		23.4	910	14.3	60.2	<0.002	0.05	<0.05	12.9	2	1.2	658	0.32	<0.05	21.7	0.385
802799		11	770	14.1	93.3	<0.002	0.02	<0.05	5.7	2	1	349	0.2	<0.05	28.9	0.284
802800		22.9	1170	13.3	98.2	<0.002	0.02	<0.05	13.8	2	1.3	442	0.42	0.06	18.5	0.483
802568		16.4	1210	11.1	122	<0.002	0.03	<0.05	10.4	2	1.9	437	0.34	<0.05	35.5	0.394
802569		674	20	4.9	8.7	<0.002	0.19	0.59	40.3	2	<0.2	80.6	<0.05	0.43	0.2	0.098
802570		3.8	20	0.7	8.5	<0.002	<0.01	0.08	0.7	2	<0.2	7.5	<0.05	<0.05	2.5	0.01



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Project: 658

CERTIFICATE OF ANALYSIS SD08118482
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Method Analyte Units LOR	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
802782	1	0.9	148	0.4	12.6	123	82.5
802783	0.32	1.1	55	0.1	3.4	28	387
802784	0.08	0.4	295	1.3	27.4	111	63.6
802785	0.47	1	92	0.5	16.7	69	71.6
802786	0.26	0.8	162	0.4	44.1	141	310
802787	0.24	0.5	322	0.2	30.9	146	106
802788	0.19	0.6	304	0.2	28.6	136	105.5
802789	0.32	0.5	254	0.3	23.1	169	86.5
802790	0.57	1	97	0.2	7.1	134	80.8
802791	1.04	1	98	0.3	5.9	89	130
802792	0.95	1.2	84	0.2	9.9	75	122.5
802793	0.37	0.5	11	0.1	8.3	21	114
802794	0.73	1.1	78	0.3	12.1	59	173
802795	1.03	3.4	37	0.2	14.8	117	231
802796	0.93	1.6	76	0.1	15	43	238
802797	0.81	3.2	53	0.1	18.4	49	325
802798	0.32	1.2	93	0.2	13.5	50	198.5
802799	0.52	1.1	43	0.1	8.9	47	193
802800	0.72	0.9	82	0.1	15.1	80	218
802568	0.78	1.9	64	0.1	16.8	59	265
802569	0.09	<0.1	144	1.5	2.9	87	6.1
802570	0.2	0.5	4	0.1	1.5	<2	76.2



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## CERTIFICATE OF ANALYSIS SD08118482

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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## CERTIFICATE SD08114664

Project: 658

P.O. No.: 028606

This report is for 2 Rock samples submitted to our lab in Sudbury, ON, Canada on 15-AUG-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis
WEI-21	Received Sample Weight
FND-02a	Find Sample at Branch Lab

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
CI-NAA06	Low Grade Chlorine by NAA
F-ELE81	Fluorine - Fusion/ Electrochem

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

## CERTIFICATE OF ANALYSIS SD08114664

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	CI-NAA06 Cl ppm 50	F-ELE81 F ppm 20
802637		1.82	700	620
802641		1.06	410	220



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## CERTIFICATE SD08114525

Project: 658

P.O. No.: 028605

This report is for 8 Rock samples submitted to our lab in Sudbury, ON, Canada on 14-AUG-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS SD08114525
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
802637		1.82	0.001	<0.005	0.002	0.16	7.37	0.4	830	0.99	0.06	2.56	0.13	82	15.6	54
802638		1.40	0.001	<0.005	0.001	0.04	7.04	0.7	560	1.96	0.04	3.26	0.08	85.5	10.8	53
802639		1.68	<0.001	<0.005	0.001	0.02	6.8	0.2	370	1.19	0.03	2.12	0.11	47.4	11.2	19
802640		0.08	0.107	0.310	5.19	0.2	5.26	0.5	30	0.12	0.18	4.59	0.07	2.58	78.1	245
802641		1.06	<0.001	<0.005	0.002	0.09	7.16	0.2	1470	1.18	0.03	1.42	0.06	53.3	3.8	15
802642		1.98	<0.001	<0.005	0.003	0.18	7.48	<0.2	870	0.71	0.07	2.43	1.23	74.6	23.9	223
802643		1.94	<0.001	<0.005	<0.001	0.06	7.47	<0.2	390	1.39	0.04	2.35	0.07	43.9	17.8	32
802644		0.56	<0.001	<0.005	0.001	<0.01	0.38	<0.2	10	0.1	0.01	0.02	<0.02	8.84	0.6	22



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<b>CERTIFICATE OF ANALYSIS SD08114525</b>
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Sample Description	Method Analyte Units LOR	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1
802637		2.02	33.2	4.85	24.2	0.07	2.7	0.047	2.15	39.7	18.8	1.56	526	0.98	2.88	5.3
802638		0.81	27.7	3.92	22	0.07	1.3	0.049	1.36	33.8	22.2	1.58	542	0.22	1.78	5
802639		0.96	6.7	2.34	19.4	<0.05	1.8	0.012	1.17	22.5	21.9	0.84	263	0.21	2.56	4.3
802640		1	450	7.4	9.79	0.05	0.3	0.026	0.19	1.2	23.2	8.81	1350	0.66	0.55	0.4
802641		0.57	17.1	1.54	20.9	<0.05	2.4	0.011	2.48	26.4	14	0.42	171	0.37	3.4	4.3
802642		0.73	63	5.56	27.2	0.05	3	0.077	1.59	36	35	2.04	691	1.86	2.28	13.9
802643		0.61	32.8	3.18	21.4	<0.05	1.4	0.019	1.02	19.3	23.9	1.18	431	0.19	2.96	3.7
802644		<0.05	2.7	0.26	0.99	<0.05	1.5	<0.005	0.12	4.4	0.4	0.02	18	0.31	0.05	0.3





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CERTIFICATE OF ANALYSIS SD08114525
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Method Analyte Units LOR	ME-MS61 Ni ppm	ME-MS61 P ppm	ME-MS61 Pb ppm	ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %
Sample Description	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
802637	33.7	1330	22.9	72.5	<0.002	0.11	0.06	13.1	2	1.5	459	0.33	<0.05	7	0.33
802638	47.4	1600	14.4	35.1	<0.002	0.11	0.08	10.1	2	1.8	755	0.29	0.07	2.6	0.301
802639	15.6	810	14.2	52.8	<0.002	0.06	<0.05	5.8	1	0.5	520	0.25	<0.05	3.8	0.242
802640	659	20	6.7	7.7	<0.002	0.18	0.51	37.8	2	0.2	82.6	0.06	0.44	<0.2	0.1
802641	5.8	360	12.8	68.5	<0.002	0.01	<0.05	2.9	2	0.7	521	0.26	<0.05	10.8	0.16
802642	95.6	250	30.8	52.3	<0.002	0.22	<0.05	15	1	1.7	457	0.64	0.08	13.4	0.54
802643	31.3	680	14.3	25.4	<0.002	0.12	<0.05	6.5	1	0.7	489	0.15	0.05	1.8	0.263
802644	2.6	20	0.8	4.1	<0.002	<0.01	0.08	0.4	1	<0.2	4.9	<0.05	<0.05	1.2	0.009



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<b>CERTIFICATE OF ANALYSIS SD08114525</b>
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Method Analyte Units LOR	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
802637	0.59	0.8	108	0.3	14.7	134	94.9
802638	0.35	0.5	83	0.6	17.5	79	43.3
802639	0.35	0.3	50	0.2	7.5	48	61.5
802640	0.09	0.1	143	8.7	3	88	8.6
802641	0.28	0.6	32	0.2	4.7	31	87.8
802642	0.42	0.8	146	0.3	4.5	823	105.5
802643	0.21	0.2	55	0.5	7.5	77	52.3
802644	0.09	0.3	2	0.2	0.8	2	53.8



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## CERTIFICATE OF ANALYSIS SD08114525

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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## CERTIFICATE SD08102553

Project: 658

P.O. No.: 085936

This report is for 5 Rock samples submitted to our lab in Sudbury, ON, Canada on 28-JUL-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: WALLBRIDGE MINING COMPANY LTD.

ATTN: RANDY DUTCHBURN

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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<b>CERTIFICATE OF ANALYSIS SD08102553</b>
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Sample Description	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
	0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
802777	1.24	<0.001	<0.005	0.001	0.14	8.36	0.5	620	1.77	<0.01	5.11	0.11	72.8	50.1	36
802778	0.90	<0.001	<0.005	<0.001	0.04	6.72	0.5	820	1.43	<0.01	0.79	0.02	95.2	1.7	20
802779	0.86	<0.001	<0.005	<0.001	0.1	7.12	0.5	720	2.46	0.02	1.42	0.06	160.5	6.2	17
802780	0.08	0.106	0.306	4.73	0.2	5.45	0.5	30	0.05	0.17	4.49	0.08	2.22	75.5	237
802781	0.42	<0.001	<0.005	0.016	0.01	0.31	0.4	10	0.07	<0.01	0.02	<0.02	8.41	0.5	34



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<b>CERTIFICATE OF ANALYSIS SD08102553</b>
---

Method Analyte Units LOR	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1
802777	0.58	38.5	10.6	23	0.12	5.8	0.084	0.96	31.9	18	3.38	1420	1.33	2.51	22
802778	0.35	5.1	1.33	20.6	<0.05	4.5	0.01	4.22	43.6	9.3	0.24	161	0.33	2.12	3.1
802779	0.52	6	3.74	26.6	0.13	5.9	0.026	2.84	73.5	19.2	0.69	352	1.84	2.37	23.9
802780	0.91	433	7.45	9.77	0.06	0.2	0.025	0.18	1	23.8	8.73	1350	0.58	0.54	0.4
802781	<0.05	4.6	0.28	0.78	<0.05	0.9	<0.005	0.09	4.3	0.5	0.02	15	0.27	0.06	0.3



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<b>CERTIFICATE OF ANALYSIS SD08102553</b>
---

Method Analyte Units LOR	ME-MS61 Ni ppm	ME-MS61 P ppm	ME-MS61 Pb ppm	ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %
Sample Description	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
802777	77.2	3360	5	24.3	<0.002	0.02	0.06	20.3	3	2.1	509	1.3	<0.05	2.2	1.815
802778	4.5	330	15.8	120	<0.002	<0.01	0.05	2.8	1	0.9	197.5	0.11	<0.05	45.1	0.128
802779	7.1	1310	17.8	118.5	<0.002	0.02	0.05	6.9	2	4.5	276	1.84	<0.05	25	0.488
802780	636	30	4.3	7.6	<0.002	0.17	0.37	38.3	2	<0.2	77.6	<0.05	0.33	<0.2	0.095
802781	3.5	20	0.7	2.7	<0.002	0.01	0.07	0.4	1	0.2	3.5	<0.05	<0.05	1.4	0.006



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## CERTIFICATE OF ANALYSIS SD08102553

Method Analyte Units LOR	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
802777	0.09	0.5	200	0.3	36.1	123	229
802778	0.6	1.6	16	0.1	4.9	23	150
802779	0.66	2.8	57	0.2	34.7	61	217
802780	0.08	<0.1	145	0.7	2.9	87	5.1
802781	0.05	0.3	2	<0.1	0.7	<2	29.9





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**CERTIFICATE OF ANALYSIS SD08102553**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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## CERTIFICATE SD08102390

Project: 658  
P.O. No.: 085921  
This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 25-JUL-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02a	Find Sample at Branch Lab
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
CI-NAA06	Low Grade Chlorine by NAA
F-ELE81	Fluorine - Fusion/ Electrochem

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ATTN: RANDY DUTCHBURN  
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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

## CERTIFICATE OF ANALYSIS SD08102390

Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	CI-NAA06 Cl ppm 20	F-ELE81 F ppm 20
802773	1.52	150	640



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## CERTIFICATE SD08101799

Project: 658

P.O. No.: 085919

This report is for 4 Rock samples submitted to our lab in Sudbury, ON, Canada on 24-JUL-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

## CERTIFICATE OF ANALYSIS SD08101799

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
802773		1.52	0.002	<0.005	<0.001	<0.01	6.89	4.8	1150	2.6	0.02	0.81	0.02	146	3.2	13
802774		1.18	0.002	<0.005	0.001	0.25	0.08	3.4	10	0.1	0.02	0.02	0.02	0.37	0.3	15
802775		0.08	0.106	0.313	4.85	0.33	5.56	0.6	30	0.16	0.16	4.67	0.08	2.51	82.2	277
802776		0.38	0.002	<0.005	0.004	0.1	0.27	0.2	10	0.1	0.01	0.01	<0.02	9.52	0.4	33



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CERTIFICATE OF ANALYSIS    SD08101799
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Sample Description	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm
	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
802773	0.92	1.4	1.82	20.8	0.05	8.2	0.018	2.89	80.2	21.5	0.4	286	1.77	2.51	13.6
802774	0.05	3.7	0.33	0.4	<0.05	0.1	<0.005	0.05	<0.5	0.4	<0.01	39	0.34	0.02	0.5
802775	0.99	453	7.73	10	0.11	0.2	0.027	0.18	1.2	18.9	9.08	1350	0.62	0.54	0.3
802776	<0.05	2.5	0.29	0.74	<0.05	0.8	<0.005	0.08	4.7	0.5	<0.01	31	0.27	0.04	0.3



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<b>CERTIFICATE OF ANALYSIS SD08101799</b>
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Method Analyte Units LOR	ME-MS61 Ni ppm	ME-MS61 P ppm	ME-MS61 Pb ppm	ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %
Sample Description	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
802773	3.8	390	21.3	160	<0.002	<0.01	0.06	4	1	2	165	0.92	<0.05	60.3	0.191
802774	1.8	<10	2.4	3.2	<0.002	<0.01	0.18	0.2	1	0.2	2.3	0.06	<0.05	<0.2	<0.005
802775	667	20	4.6	9.8	0.002	0.18	0.92	45.1	2	0.2	81.3	<0.05	0.36	<0.2	0.098
802776	2.9	10	0.9	3.6	<0.002	<0.01	0.2	0.4	1	0.2	3.4	<0.05	<0.05	1.3	0.005



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## CERTIFICATE OF ANALYSIS SD08101799

Method Analyte Units LOR	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
802773	0.95	6.6	19	0.3	14.5	33	272
802774	0.03	<0.1	<1	0.1	0.3	<2	0.7
802775	0.09	0.1	145	1.4	3	89	5.9
802776	0.05	0.3	1	0.1	0.7	<2	25.1





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**CERTIFICATE OF ANALYSIS SD08101799**

Method	<b>CERTIFICATE COMMENTS</b>
ME-MS61	REE's may not be totally soluble in this method.



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## CERTIFICATE SD08099242

Project: 658

P.O. No.: 085894

This report is for 14 Rock samples submitted to our lab in Sudbury, ON, Canada on 21-JUL-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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## CERTIFICATE OF ANALYSIS SD08099242

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
802752		0.90	50.0	14.70	12.40	10.80	5.70	2.16	0.77	0.02	0.93	0.19	0.10	0.05	0.03	2.06
802753		2.46	50.6	13.75	13.85	9.99	6.05	1.78	1.23	0.01	1.28	0.21	0.15	0.03	0.05	1.26
802756		1.22	50.2	11.95	18.75	8.50	4.12	2.07	1.08	<0.01	2.33	0.27	0.38	0.02	0.03	0.29
802757		0.80	50.0	11.95	18.30	8.86	4.51	2.19	0.79	0.01	2.18	0.26	0.33	0.02	0.03	0.49
802759		2.70	52.1	12.15	18.35	7.52	3.18	2.42	0.90	<0.01	1.93	0.25	0.29	0.02	0.04	0.68
802760		1.54	50.5	11.85	18.75	8.38	4.00	1.99	0.93	<0.01	2.32	0.27	0.37	0.02	0.03	0.39
802761		1.28	49.5	15.60	13.30	10.15	5.39	1.74	1.22	0.02	1.16	0.20	0.11	0.03	0.03	1.75
802762		0.68	51.5	14.10	13.50	9.87	5.56	1.73	1.14	0.02	1.25	0.20	0.12	0.03	0.02	1.65
802763		1.78	51.4	12.10	17.30	8.62	4.42	2.26	0.46	0.01	1.45	0.24	0.20	0.02	0.02	1.36
802764		0.74	48.3	16.05	12.40	10.35	5.14	1.83	0.59	0.02	1.04	0.19	0.09	0.03	0.01	2.46
802765		0.96	50.8	13.60	14.70	9.10	5.26	2.37	0.62	0.02	1.09	0.22	0.15	0.03	0.02	1.76
802766		2.10	49.4	11.80	18.40	8.18	3.95	2.21	0.88	<0.01	2.26	0.27	0.38	0.02	0.03	0.39
802768		0.66	50.2	12.35	15.35	9.11	5.72	1.23	1.44	0.02	1.65	0.22	0.32	0.03	0.03	2.03
802770		0.70	49.2	12.35	16.30	8.44	5.16	1.54	1.25	0.01	1.69	0.23	0.22	0.03	0.03	2.56



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## CERTIFICATE OF ANALYSIS SD08099242

Sample Description	Method	TOT-ICP06	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
	Analyte	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.01	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01	
802752	99.9	<1	237	20.0	44.8	150	0.36	144	3.89	2.61	0.98	17.3	3.40	2.3	0.89	
802753	100.0	<1	418	35.5	54.4	100	0.44	77	3.94	2.51	1.30	17.0	4.28	2.9	0.87	
802756	100.0	<1	267	49.9	44.7	30	1.38	92	9.53	6.49	2.30	21.4	8.73	5.8	2.25	
802757	99.9	<1	251	44.7	46.3	60	1.23	106	8.82	5.98	2.14	20.4	8.01	5.5	2.05	
802759	99.8	<1	364	53.4	42.6	20	1.34	105	9.72	6.56	2.38	21.8	8.79	6.1	2.19	
802760	99.8	<1	258	51.0	44.0	30	1.47	81	9.70	6.48	2.33	21.2	8.75	6.1	2.23	
802761	100.0	<1	282	23.7	44.5	120	0.94	126	4.45	2.87	1.15	18.8	4.13	2.7	1.00	
802762	100.5	<1	209	24.5	40.8	120	1.07	224	4.91	3.34	1.31	19.3	4.58	3.0	1.09	
802763	99.9	<1	164.5	38.7	53.5	60	0.60	156	7.43	4.75	1.83	20.0	6.65	4.5	1.68	
802764	98.5	<1	116.5	18.7	41.9	130	0.47	90	3.89	2.49	1.12	19.4	3.45	2.3	0.91	
802765	99.7	<1	202	33.2	51.5	120	0.47	156	4.72	3.27	1.22	18.4	4.54	3.2	1.07	
802766	98.2	<1	277	50.8	43.3	30	1.13	93	9.87	6.56	2.35	20.8	8.98	6.1	2.26	
802768	99.7	<1	249	34.0	84.4	90	0.97	114	5.58	3.82	1.43	17.6	5.43	3.6	1.27	
802770	99.0	<1	321	39.0	87.6	70	1.16	147	6.76	4.57	1.61	19.4	6.10	4.4	1.50	



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CERTIFICATE OF ANALYSIS	SD08099242
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Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
	Analyte	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05
802752		9.3	0.39	<2	4.3	10.6	53	15	2.53	47.3	2.69	1	387	0.3	0.60	1.90
802753		16.8	0.35	<2	10.5	18.0	62	34	4.42	74.7	4.25	1	203	0.7	0.71	2.60
802756		22.2	0.96	<2	12.0	28.2	38	12	6.49	63.5	7.32	2	117.0	0.8	1.56	4.30
802757		20.3	0.85	<2	10.6	25.5	48	8	5.79	40.0	6.64	2	125.0	0.7	1.48	3.89
802759		24.8	0.98	<2	12.5	29.0	26	11	6.89	46.6	7.36	2	143.5	0.9	1.60	4.98
802760		22.9	0.97	<2	12.0	28.6	36	12	6.61	47.7	7.41	2	129.5	0.8	1.60	4.44
802761		10.5	0.43	<2	5.3	13.6	71	10	3.13	59.3	3.41	1	186.5	0.4	0.72	1.53
802762		10.7	0.48	<2	6.1	13.9	62	11	3.27	64.9	3.68	1	190.0	0.4	0.82	1.60
802763		17.4	0.72	<2	8.8	21.7	47	11	5.00	25.2	5.50	1	135.5	0.6	1.19	2.71
802764		8.3	0.39	<2	4.7	10.8	72	10	2.49	32.9	2.87	1	196.0	0.3	0.62	1.24
802765		15.7	0.47	<2	4.7	17.0	76	9	4.17	42.5	3.93	1	219	0.3	0.79	2.47
802766		22.4	0.97	<2	11.6	28.5	36	16	6.56	40.8	7.35	2	131.5	0.8	1.63	4.23
802768		15.7	0.56	<2	6.3	18.2	55	31	4.23	90.0	4.41	1	233	0.5	0.95	2.56
802770		18.9	0.69	<2	8.0	21.1	54	32	5.09	77.6	5.35	1	200	0.6	1.12	3.04



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## CERTIFICATE OF ANALYSIS SD08099242

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.01	0.05	5	1	0.5	0.03	5	2
802752		<0.5	0.38	0.49	282	1	22.6	2.41	139	81
802753		<0.5	0.36	0.40	292	1	22.3	2.27	189	104
802756		<0.5	0.94	1.09	329	1	57.6	6.14	192	221
802757		<0.5	0.85	1.01	344	1	52.1	5.66	174	195
802759		<0.5	0.97	1.18	332	1	57.5	6.28	167	223
802760		<0.5	0.94	1.08	331	1	57.7	6.18	183	224
802761		<0.5	0.42	0.37	290	<1	26.7	2.78	103	96
802762		<0.5	0.46	0.41	316	1	28.4	3.06	201	108
802763		<0.5	0.71	0.73	310	<1	42.8	4.61	176	159
802764		<0.5	0.38	0.33	274	1	22.5	2.35	112	81
802765		<0.5	0.46	0.50	305	<1	28.1	2.99	138	114
802766		<0.5	0.93	1.12	320	1	57.0	6.33	228	216
802768		<0.5	0.53	0.65	358	1	33.0	3.53	198	137
802770		<0.5	0.63	0.81	406	1	39.7	4.21	251	159



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## CERTIFICATE SD08099218

Project: 658

P.O. No.: 085895

This report is for 5 Rock samples submitted to our lab in Sudbury, ON, Canada on 21-JUL-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02a	Find Sample at Branch Lab
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
CI-NAA06	Low Grade Chlorine by NAA
F-ELE81	Fluorine - Fusion/ Electrochem

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager







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Finalized Date: 3-AUG-2008  
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## CERTIFICATE SD08098334

Project: 658  
P.O. No.: 085893  
This report is for 22 Rock samples submitted to our lab in Sudbury, ON, Canada on 18-JUL-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
129 FIELDING RD  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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## CERTIFICATE OF ANALYSIS SD08098334

Sample Description	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
	0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
802751	0.42	0.003	<0.005	<0.001	0.05	6.9	1.1	1160	2.2	0.03	1.47	0.08	232	11.9	75
802752	0.90	0.006	0.024	0.020	0.2	7.8	0.9	220	0.59	0.05	7	0.08	20.8	45.9	118
802753	2.46	0.004	<0.005	<0.001	0.13	7.38	0.5	380	0.77	0.03	6.53	0.16	36.3	56.9	69
802754	0.42	0.004	0.007	<0.001	0.53	7.56	1	360	1.08	1.32	5.27	0.15	51.2	37.2	33
802755	0.18	0.003	0.007	<0.001	0.04	6.52	0.3	1910	1.2	0.04	0.64	0.07	46.6	2.2	6
802756	1.22	0.002	0.005	<0.001	0.11	6.32	<0.2	250	0.79	0.04	5.63	0.19	48.2	43.3	27
802757	0.80	0.003	<0.005	<0.001	0.08	5.91	<0.2	210	0.63	0.03	5.46	0.18	39.9	41.3	41
802758	0.34	0.003	0.007	<0.001	0.06	6.89	<0.2	1300	1.56	0.05	0.84	0.05	131	3	6
802759	2.70	0.003	0.005	<0.001	0.07	6.29	0.5	360	0.9	0.06	4.94	0.16	50.5	40.5	14
802760	1.54	0.003	<0.005	<0.001	0.1	6.16	0.8	230	0.88	0.04	5.4	0.15	47.7	42.3	26
802761	1.28	0.004	0.009	<0.001	0.11	7.71	1.7	250	0.45	0.02	6.5	0.1	20.3	43	94
802762	0.68	0.004	0.009	0.001	0.2	7.4	0.2	190	0.55	0.04	6.49	0.11	24	39.4	90
802763	1.78	0.003	0.007	0.002	0.08	6.48	<0.2	170	0.67	0.04	5.77	0.19	37.9	50.9	48
802764	0.74	0.003	0.005	0.002	0.06	8.15	1.3	110	0.45	0.03	6.98	0.11	16.4	40.6	101
802765	0.96	0.007	0.023	0.014	0.19	7.52	<0.2	190	0.55	0.04	6.24	0.06	33	51.2	90
802766	2.10	0.003	<0.005	<0.001	0.27	6.45	0.6	260	0.96	0.05	5.7	0.29	50.4	43.6	29
802767	0.34	0.002	<0.005	<0.001	0.03	6.64	0.4	1440	1.31	0.03	0.78	0.04	71	2.8	3
802768	0.66	0.005	0.009	0.007	0.31	6.79	0.5	240	0.63	0.15	6.16	0.15	34	84.6	70
802769	0.80	0.004	<0.005	0.002	0.05	6.49	0.4	740	1.02	0.05	2.27	0.09	91	10.8	36
802770	0.70	0.003	0.011	0.005	0.26	6.5	8	280	0.78	0.11	5.61	0.31	37.2	81.8	54
802771	0.16	0.138	0.296	5.36	0.19	5.52	0.4	40	0.09	0.14	4.61	0.08	2.47	80.9	252
802772	0.64	0.003	<0.005	0.008	0.01	0.3	0.7	10	0.05	0.01	0.02	0.03	7.41	0.7	24



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Project: 658

CERTIFICATE OF ANALYSIS	SD08098334
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Method Analyte Units LOR	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm
Sample Description	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
802751	1.76	25.5	3.05	23.2	0.25	10.5	0.03	2.97	128	41.9	1.39	591	1.98	2.81	21.6
802752	0.41	144.5	8	19.05	0.19	1.9	0.073	0.65	9.6	15.5	3.32	1295	0.41	1.54	5
802753	0.47	79.1	8.98	18.9	0.21	2.9	0.075	1.02	16.9	21.2	3.58	1480	0.69	1.28	11.3
802754	0.98	110	8.29	24	0.28	3.1	0.129	2.01	22.4	14.4	1.9	1610	1.03	1.38	11.1
802755	0.52	4.5	1.15	17.2	0.31	9.8	0.016	4.33	25	4.4	0.14	133	1.24	1.95	12.9
802756	1.37	93.3	12.25	21	0.33	6.4	0.131	0.9	21.4	14.5	2.38	1855	1.2	1.46	12.7
802757	1.19	97.4	11.15	18.85	0.26	5	0.115	0.61	17.8	10.8	2.46	1720	0.88	1.43	10.3
802758	0.75	3.8	1.64	22.3	0.28	9	0.026	3.82	67.9	17.2	0.25	236	5.33	2.25	18.8
802759	1.33	101.5	11.8	21.5	0.31	6.2	0.13	0.73	23.5	9.2	1.87	1735	0.98	1.67	12.7
802760	1.47	80.2	11.8	21.4	0.24	5.7	0.126	0.75	21.6	8.5	2.3	1830	1.05	1.39	12.7
802761	0.85	123.5	8.41	19.35	0.2	2	0.073	0.94	8.8	13.3	3.04	1340	0.42	1.22	5.7
802762	1.1	217	8.77	19.3	0.21	2.3	0.088	0.92	10.6	12.5	3.25	1415	0.46	1.26	6.2
802763	0.64	147.5	11.35	20	0.22	4.1	0.104	0.39	17	7.2	2.62	1720	0.59	1.61	8.9
802764	0.42	82.8	8.21	19.05	0.15	1.8	0.068	0.47	7	12.1	3	1315	0.31	1.28	4.8
802765	0.5	152.5	9.96	18.65	0.19	3.1	0.08	0.55	15.4	9.2	3.2	1620	0.43	1.71	4.9
802766	1.21	93.8	12.6	21.7	0.23	6.4	0.13	0.75	22.5	10.1	2.42	1960	1	1.59	12.3
802767	0.45	5	1.66	20.5	0.14	5.4	0.008	3.88	35.1	24.7	0.4	140	0.65	0.4	6.4
802768	1.02	115.5	10.15	18.15	0.18	2.6	0.093	1.2	15.8	17.7	3.3	1595	0.57	0.85	6.9
802769	1.21	6.7	3.87	21.6	0.14	2.8	0.014	2.24	45.2	19.8	1.08	509	0.43	1.91	6.7
802770	1.13	149	10.6	19.7	0.17	3.4	0.104	1.01	18	21.2	3.01	1630	0.63	1.12	8.2
802771	1.02	452	7.66	9.75	0.11	0.2	0.022	0.18	1.2	21.4	8.88	1355	0.61	0.54	0.4
802772	0.06	2.3	0.31	0.7	<0.05	0.8	<0.005	0.1	3.6	0.4	0.02	34	0.16	0.02	0.2



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## CERTIFICATE OF ANALYSIS SD08098334

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
802751		60	640	23.2	192.5	0.002	0.01	0.07	7.9	2	2.1	257	1.35	<0.05	64.9	0.415
802752		53.4	380	14.2	46.5	0.002	0.09	0.14	43.3	2	0.9	396	0.32	<0.05	2.1	0.544
802753		63.5	620	17.8	82.3	0.003	0.12	0.07	43.1	2	0.9	206	0.63	<0.05	2.5	0.727
802754		34.6	1080	32.7	96.7	0.007	0.17	0.1	30.3	3	2.1	341	0.68	0.05	4	0.833
802755		7.2	270	18	183	0.004	0.01	0.05	2.8	1	2.3	147.5	0.74	<0.05	36.5	0.241
802756		39.8	1640	12	62.9	0.007	0.14	0.11	37.8	3	1.9	114	0.81	<0.05	4.4	1.3
802757		44.6	1360	6.5	37.2	0.006	0.14	0.1	36.1	2	1.6	113.5	0.68	<0.05	3.6	1.145
802758		5.4	350	37.8	198.5	0.003	<0.01	<0.05	4.1	1	1.8	193.5	0.58	<0.05	69.5	0.203
802759		25.7	1260	11.6	46.6	0.006	0.04	0.13	35.3	3	2	135.5	0.81	<0.05	5.1	1.065
802760		36.4	1640	12.1	48.4	0.006	0.14	0.1	37.9	3	2	124	0.79	<0.05	4.4	1.27
802761		69.2	470	10	32.6	0.004	0.05	0.08	31.3	2	0.9	181	0.4	<0.05	1.4	0.648
802762		60.1	500	10.9	64.7	0.004	0.04	0.07	36.2	2	1	184	0.41	<0.05	1.6	0.695
802763		46	900	9.9	25.9	0.004	0.09	0.05	40.5	2	1.4	132.5	0.58	<0.05	2.7	0.825
802764		69.1	400	9	15	0.003	0.02	0.07	30.2	1	0.8	188	0.33	<0.05	1.1	0.613
802765		73.9	650	7.7	44.3	0.003	0.05	0.07	37.4	2	0.9	219	0.32	<0.05	2.5	0.666
802766		37.6	1770	13.8	43.2	0.006	0.14	0.11	39.5	3	1.9	133	0.81	<0.05	4.4	1.33
802767		3.2	180	12.4	137.5	0.002	<0.01	<0.05	1.8	1	1.8	148.5	0.54	<0.05	24.6	0.125
802768		54.6	1100	31.9	81.9	0.004	0.24	0.14	41.4	2	1.2	246	0.45	0.07	2.7	0.913
802769		16.7	320	14.3	124	0.002	<0.01	<0.05	10.1	1	1	196.5	0.32	<0.05	31.3	0.275
802770		51.2	980	33.2	78.1	0.004	0.25	0.17	41.1	2	1.4	191.5	0.54	0.05	3.2	0.946
802771		673	20	4.3	8.9	0.003	0.17	0.45	38.4	2	<0.2	81.2	<0.05	0.34	<0.2	0.099
802772		2.4	10	1.3	3.7	0.002	<0.01	0.13	0.4	1	<0.2	3.2	<0.05	<0.05	1	0.008



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Account: RLH

Project: 658

## CERTIFICATE OF ANALYSIS SD08098334

Method Analyte Units LOR	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Sample Description							
802751	1.34	5.5	56	0.3	24.6	109	354
802752	0.28	0.4	264	0.3	24.4	124	66.1
802753	0.54	0.4	264	0.2	24.1	171	99.1
802754	0.69	0.8	258	1.2	61.2	191	103
802755	0.93	3.3	19	0.2	7.4	11	314
802756	0.44	1	306	0.5	56.1	164	202
802757	0.27	0.8	296	0.4	47.9	141	159.5
802758	1.36	4.1	20	0.2	10.2	39	281
802759	0.28	1.1	302	0.5	54.7	146	197.5
802760	0.35	1	297	0.5	56.7	160	182
802761	0.34	0.3	269	0.2	24.7	88	62.9
802762	0.4	0.4	288	0.2	28.4	179	66.8
802763	0.17	0.6	280	0.3	41.9	156	136.5
802764	0.14	0.3	256	0.2	20.6	99	54.7
802765	0.31	0.5	294	0.2	28.6	123	97.2
802766	0.27	1.1	316	0.5	58.4	216	202
802767	0.49	1.7	20	0.4	9.4	22	161
802768	0.94	0.7	353	0.3	34.3	191	81.2
802769	0.88	2.8	85	0.2	9.1	59	87.8
802770	0.57	0.8	369	0.3	39.3	223	106
802771	0.1	<0.1	144	1	3	89	6.7
802772	0.08	0.2	3	0.1	0.7	2	24.1



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**CERTIFICATE OF ANALYSIS SD08098334**

Method	<b>CERTIFICATE COMMENTS</b>
ME-MS61	REE's may not be totally soluble in this method.



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## CERTIFICATE SD08087468

Project: 658  
P.O. No.: 251566  
This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 30-JUN-2008.

The following have access to data associated with this certificate:  
RANDY DUTCHBURN      ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS

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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

CERTIFICATE OF ANALYSIS	SD08087468
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Sample Description	WEI-21 Recvd Wt. kg	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %
802289	0.10	97.0	0.32	1.95	0.13	0.04	0.06	0.06	<0.01	0.03	0.02	<0.01	<0.01	<0.01	0.10





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Project: 658

<b>CERTIFICATE OF ANALYSIS SD08087468</b>
---

Sample Description	Method Analyte Units LOR	TOT-ICP06 Total %	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
802289		99.7	<1	18.6	6.8	5.5	20	0.09	21	0.10	0.05	0.06	0.8	0.29	0.2	0.02



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Project: 658

<b>CERTIFICATE OF ANALYSIS SD08087468</b>
---

Method Analyte Units LOR	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05
802289	2.9	0.01	<2	0.6	2.2	87	6	0.62	2.1	0.39	<1	30.4	<0.1	0.04	0.17



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Project: 658

## CERTIFICATE OF ANALYSIS SD08087468

Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.5	0.01	0.05	5	1	0.5	0.03	5	2
802289	<0.5	0.01	0.08	11	1	0.6	0.04	16	9



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## CERTIFICATE SD08087467

Project: 658

P.O. No.: 251570

This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 30-JUN-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

CERTIFICATE OF ANALYSIS    SD08087467
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Sample Description	WEI-21 Recvd Wt. kg	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %
802294	1.02	57.0	14.95	8.77	5.04	3.19	4.14	2.18	0.01	1.64	0.17	0.53	0.07	0.05	1.40



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Project: 658

<b>CERTIFICATE OF ANALYSIS SD08087467</b>
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Method Analyte Units LOR	TOT-ICP06 Total %	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
Sample Description	0.01	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
802294	99.1	<1	420	121.5	19.9	60	1.35	21	6.40	3.03	1.56	22.3	12.35	8.7	1.12



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Project: 658

## CERTIFICATE OF ANALYSIS SD08087467

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05
802294		54.4	0.29	<2	18.9	65.7	38	13	17.00	90.3	14.15	8	585	0.9	1.61	8.33



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Project: 658

## CERTIFICATE OF ANALYSIS SD08087467

Sample Description	Method Analyte Units LOR	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2
802294		<0.5	0.32	1.01	139	1	27.4	2.12	146	342





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## CERTIFICATE SD08086025

Project: 658

P.O. No.: 251542

This report is for 5 Rock samples submitted to our lab in Sudbury, ON, Canada on 27-JUN-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02a	Find Sample at Branch Lab
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
CI-NAA06	Low Grade Chlorine by NAA
F-ELE81	Fluorine - Fusion/ Electrochem

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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## CERTIFICATE SD08085058

Project: 658

P.O. No.: 251569

This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 26-JUN-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

CERTIFICATE OF ANALYSIS	SD08085058
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Sample Description	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
802294	1.02	0.001	<0.005	0.001	0.08	8.06	0.2	430	2.64	0.03	2.74	0.13	136	20.6	58



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CERTIFICATE OF ANALYSIS    SD08085058
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Sample Description	Method Analyte Units LOR	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1
802294		1.57	18.5	5.93	25.4	0.17	5.9	0.11	1.8	51.4	33.1	1.88	1220	0.99	2.98	19



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CERTIFICATE OF ANALYSIS	SD08085058
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Sample Description	Method	Analyte	Units	LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61			
					Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
					ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
					0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
802294					37.5	2220	12.5	94	<0.002	0.06	<0.05	30.8	2	7.9	626	0.82	<0.05	8.3	0.95



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## CERTIFICATE OF ANALYSIS SD08085058

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Tl	U	V	W	Y	Zn	Zr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.1	1	0.1	0.1	2	0.5
802294	0.53	0.9	122	0.2	29.2	145	195



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**CERTIFICATE OF ANALYSIS SD08085058**

Method	<b>CERTIFICATE COMMENTS</b>
ME-MS61	REE's may not be totally soluble in this method.





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Finalized Date: 12-JUL-2008

Account: RLH

## CERTIFICATE SD08085055

Project: 658

P.O. No.: 251565

This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 26-JUN-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: WALLBRIDGE MINING COMPANY LTD.

ATTN: RANDY DUTCHBURN

129 FIELDING RD

LIVELY ON P3Y 1L7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 12-JUL-2008  
Account: RLH

Project: 658

CERTIFICATE OF ANALYSIS	SD08085055
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Sample Description	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
802289	0.10	<0.001	0.005	0.003	0.02	0.18	0.4	20	0.05	0.02	0.11	<0.02	7.08	5.9	18



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## CERTIFICATE OF ANALYSIS SD08085055

Method Analyte Units LOR	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1
Sample Description															
802289	0.11	24.7	1.5	1.08	<0.05	0.1	<0.005	0.06	2.6	0.9	0.03	150	0.66	0.05	0.6



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## CERTIFICATE OF ANALYSIS SD08085055

Sample Description	Method Analyte Units LOR	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005
802289		90.9	30	2.7	2.3	<0.002	0.06	0.09	0.2	1	0.2	32.7	<0.05	<0.05	<0.2	0.015



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## CERTIFICATE OF ANALYSIS SD08085055

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Tl	U	V	W	Y	Zn	Zr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.1	1	0.1	0.1	2	0.5
802289	0.02	0.1	7	0.1	0.6	17	2.7



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**CERTIFICATE OF ANALYSIS SD08085055**

Method	<b>CERTIFICATE COMMENTS</b>
ME-MS61	REE's may not be totally soluble in this method.



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## CERTIFICATE SD08083439

Project: 658  
P.O. No.: 251541  
This report is for 13 Rock samples submitted to our lab in Sudbury, ON, Canada on 23-JUN-2008.

The following have access to data associated with this certificate:  
RANDY DUTCHBURN      ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

## CERTIFICATE OF ANALYSIS SD08083439

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
802338		0.34	0.002	<0.005	0.002	<0.01	7.2	0.5	640	2.85	0.06	1.28	0.05	103.5	5.5	16
802339		1.66	0.006	0.006	<0.001	0.01	6.5	2.3	810	1.91	0.06	0.29	<0.02	20.7	10.5	12
802340		0.24	0.002	<0.005	<0.001	0.04	7.29	<0.2	860	1.17	0.04	2.71	0.1	131	16.7	54
802348		0.08	0.099	0.293	4.54	0.2	5.57	0.4	40	0.12	0.16	4.73	0.09	2.62	78.7	243
802349		0.38	<0.001	0.012	0.001	<0.01	0.43	0.3	20	0.09	0.01	0.03	<0.02	10.65	0.7	35
802551		1.42	0.002	<0.005	<0.001	0.31	6.91	1.2	510	1.52	0.12	2.73	0.31	104	22.8	148
802552		1.48	0.002	<0.005	<0.001	0.17	7.24	<0.2	840	1.32	0.03	2.8	0.08	120.5	14.8	69
802553		1.74	<0.001	0.014	<0.001	0.11	7.09	<0.2	680	1.26	0.04	2.55	0.05	117	16.1	61
802554		1.10	0.002	0.019	0.002	0.01	7.06	<0.2	330	1.87	0.03	1.83	0.07	55.3	7.6	31
802555		0.64	0.002	<0.005	<0.001	0.03	7.17	<0.2	1580	1.44	0.03	2.08	0.07	139	7.3	36
802556		1.78	0.001	0.016	0.001	0.03	7.47	<0.2	1120	1.37	0.02	2.55	0.05	157.5	15.3	58
802557		0.52	0.001	0.006	0.001	0.01	5.79	<0.2	890	1.2	0.02	5.48	0.08	114	2.2	14
802558		4.14	0.001	<0.005	<0.001	<0.01	7.21	<0.2	580	1.66	0.01	1.77	0.04	99	6	31





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Project: 658

## CERTIFICATE OF ANALYSIS SD08083439

Sample Description	Method Analyte Units LOR	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
802338		0.9	32.5	3.26	22.4	0.13	8.4	0.109	3.08	41.5	24.4	0.59	491	0.94	2.6	29.6
802339		0.5	6.1	1.52	18.95	0.09	3.7	0.018	4.93	9.8	7.5	0.17	105	1.16	1.82	10.3
802340		1.51	22.1	4.86	20.6	0.16	4.2	0.052	2.68	68.8	19.4	1.48	630	0.5	2.1	7.1
802348		1.09	461	7.86	10	0.12	0.2	0.029	0.19	1.2	23.2	9.18	1380	0.61	0.57	0.3
802349		0.05	3.4	0.45	1.17	<0.05	0.8	<0.005	0.13	5.6	0.5	0.02	50	0.35	0.04	0.3
802551		1.79	101	7.57	22.6	0.18	1.8	0.146	2.76	51.6	31.9	2.8	1150	2.72	1.7	8.1
802552		0.93	53.7	4.18	20.5	0.14	3.7	0.049	2.49	61.5	18.4	1.32	611	0.71	2.21	5.5
802553		0.97	36.1	3.92	19	0.14	3.5	0.039	2.18	61	17.9	1.37	566	0.44	2.43	5.8
802554		0.39	16.3	2.33	18.35	0.11	2.4	0.022	1.2	27.1	12.1	0.65	393	0.6	3.11	6.8
802555		0.82	28.6	2.73	20.4	0.15	5.1	0.03	3.24	70.5	10.9	0.73	328	0.5	2.32	7.1
802556		0.79	36.1	4	21	0.17	4.7	0.037	2.85	78.2	14	1.23	583	0.5	2.38	8.4
802557		0.1	2.4	3.11	37	0.14	3.7	0.058	2.52	58.1	1.2	0.04	341	0.23	1.38	5.2
802558		0.61	6.6	2.54	22.4	0.11	1.4	0.023	1.83	54.5	14.1	0.79	323	0.32	2.85	4.9



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Project: 658

## CERTIFICATE OF ANALYSIS SD08083439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Units		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
LOR		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
802338		20.5	1330	26.5	185.5	<0.002	0.01	0.07	40.3	2	3.3	205	1.08	<0.05	30.8	0.459
802339		3	430	22.2	185.5	<0.002	0.05	0.06	4.3	2	0.9	122.5	0.46	0.07	34	0.147
802340		35.4	810	13.1	175.5	<0.002	0.04	0.05	15.7	2	1.5	483	0.33	<0.05	20.6	0.381
802348		675	30	4.7	9.5	<0.002	0.19	1.16	41.7	2	<0.2	81.3	<0.05	0.45	0.2	0.1
802349		5.1	10	1	5.3	<0.002	<0.01	0.09	0.4	2	0.2	6	<0.05	<0.05	1.8	0.008
802551		50.6	1030	28.3	208	0.003	0.9	0.05	26.8	2	3.5	314	0.41	0.13	12.9	0.519
802552		30.9	810	20.8	113	<0.002	0.16	0.05	13.2	2	1.4	420	0.26	<0.05	19	0.338
802553		33.9	740	13.4	114.5	<0.002	0.1	0.05	12.2	1	1.3	448	0.31	<0.05	19.7	0.325
802554		20.3	690	24.5	54.9	<0.002	0.06	0.07	6.4	1	1.7	418	0.37	<0.05	5.3	0.22
802555		18.7	730	25.7	134	<0.002	0.02	<0.05	7.3	1	1.2	467	0.3	<0.05	24	0.268
802556		32	1090	18.1	112.5	<0.002	0.04	<0.05	11.2	2	1.4	452	0.35	<0.05	24.1	0.401
802557		2.7	460	22	31.5	<0.002	<0.01	0.06	2.2	1	2.3	1565	0.17	<0.05	13.7	0.143
802558		15.5	830	20.7	83.2	<0.002	0.02	<0.05	5.6	1	1	431	0.14	<0.05	22	0.266



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CERTIFICATE OF ANALYSIS SD08083439
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Method Analyte Units LOR	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
802338	1.05	3.5	50	0.2	24.5	93	287
802339	0.87	2.2	11	0.1	6.4	24	121.5
802340	0.99	1.2	122	0.5	16.6	166	152.5
802348	0.1	0.1	152	0.9	3.1	89	7
802349	0.08	0.3	3	0.1	0.9	2	27.1
802551	1.25	0.5	151	3.8	17.7	299	65.8
802552	0.73	0.8	94	0.4	12.9	142	136
802553	0.8	0.8	90	0.2	12.4	123	130.5
802554	0.3	1.2	47	0.2	10.4	78	84.5
802555	0.72	1.2	54	0.1	11.1	46	186
802556	0.74	1.1	92	0.2	14.1	79	178
802557	0.14	1.2	76	0.2	6.7	5	133
802558	0.5	0.4	43	0.1	6	57	61.5



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## CERTIFICATE OF ANALYSIS SD08083439

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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## CERTIFICATE SD08083431

Project: 658  
P.O. No.: 251545  
This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 23-JUN-2008.

The following have access to data associated with this certificate:  
RANDY DUTCHBURN      ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02	Find Sample for Addn Analysis
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS

To: WALLBRIDGE MINING COMPANY LTD.  
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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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<b>CERTIFICATE OF ANALYSIS SD08083431</b>
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Sample Description	WEI-21 Recvd Wt. kg	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %
703904	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	0.76	53.6	15.40	10.05	8.28	5.89	3.54	1.47	0.04	0.90	0.13	0.37	0.10	0.08	0.77



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<b>CERTIFICATE OF ANALYSIS SD08083431</b>
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Method Analyte Units LOR	TOT-ICP06 Total %	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
Sample Description	0.01	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
703904	100.5	<1	686	64.7	37.1	220	0.56	45	4.49	2.43	1.68	20.9	6.31	3.0	0.86



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CERTIFICATE OF ANALYSIS	SD08083431
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Sample Description	Method Analyte Units LOR	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05
703904		28.0	0.30	<2	6.8	33.7	69	6	8.66	46.6	6.80	2	691	0.4	0.82	1.63





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Total # Pages: 2 (A - D)  
Finalized Date: 9-JUL-2008  
Account: RLH

Project: 658

## CERTIFICATE OF ANALYSIS SD08083431

Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.5	0.01	0.05	5	1	0.5	0.03	5	2
703904	<0.5	0.32	0.31	202	<1	22.9	2.19	87	113



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Account: RLH

## CERTIFICATE SD08156572

Project: 658

P.O. No.: 028694

This report is for 5 Rock samples submitted to our lab in Sudbury, ON, Canada on 2-NOV-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS

To: WALLBRIDGE MINING COMPANY LTD.

ATTN: RANDY DUTCHBURN

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

CERTIFICATE OF ANALYSIS SD08156572
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Sample Description	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
	0.02	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
806562	0.78	<1	112.0	25.6	43.6	120	0.19	144	4.59	2.91	1.21	16.8	4.04	2.6	0.98
806563	0.46	<1	289	48.7	43.3	50	1.68	150	7.05	4.52	1.73	20.3	6.31	4.4	1.49
806564	0.68	<1	285	50.1	43.3	20	0.84	132	7.82	5.03	2.01	21.3	7.10	4.8	1.70
806565	0.44	<1	179.5	24.3	51.7	180	1.30	169	4.87	3.23	1.18	18.6	3.99	2.8	1.11
804542	1.56	<1	143.0	16.1	53.1	110	0.59	121	2.26	1.43	0.66	15.2	1.98	1.4	0.48





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Account: RLH

Project: 658

CERTIFICATE OF ANALYSIS    SD08156572
---------------------------------------

Sample Description	Method Analyte Units LOR	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01
806562		<0.5	0.43	0.59	299	1	25.9	2.88	118	92	50.2	14.10	14.35	9.84	5.46	2.29
806563		<0.5	0.63	1.23	342	1	39.4	4.33	138	163	53.2	13.10	15.05	8.43	4.17	2.07
806564		<0.5	0.73	1.09	343	<1	44.3	4.70	170	177	50.6	13.10	16.35	8.06	3.45	2.16
806565		0.6	0.48	0.53	310	2	27.3	3.07	138	99	49.1	13.45	14.60	8.98	5.94	1.32
804542		<0.5	0.20	0.22	252	1	12.5	1.27	127	50	51.5	14.45	11.10	10.40	7.42	2.17



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Project: 658

## CERTIFICATE OF ANALYSIS SD08156572

Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %
Sample Description	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
806562	0.43	0.02	1.16	0.21	0.12	0.02	0.01	1.79
806563	1.42	0.01	1.40	0.20	0.19	0.02	0.03	1.34
806564	1.05	<0.01	1.76	0.22	0.24	0.02	0.03	1.74
806565	1.46	0.02	1.15	0.22	0.12	0.03	0.02	2.07
804542	0.60	0.01	0.69	0.19	0.06	0.03	0.02	0.86



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Finalized Date: 15-NOV-2008  
Account: RLH

## CERTIFICATE SD08154085

Project: 658  
P.O. No.: 028693  
This report is for 7 Rock samples submitted to our lab in Sudbury, ON, Canada on 27-OCT-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN	BRUCE JAGO	ACCOUNTS PAYABLE
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## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 15-NOV-2008  
Account: RLH

Project: 658

CERTIFICATE OF ANALYSIS SD08154085
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Sample Description	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
	0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
806562	0.78	0.003	<0.005	0.003	0.05	7.7	<0.2	120	0.63	0.04	6.5	0.13	29.7	42.5	95
806563	0.46	0.005	0.005	0.006	0.02	7.04	<0.2	280	1.03	0.07	5.7	0.12	47.5	38.8	44
806564	0.68	0.003	<0.005	0.001	0.02	7.16	4.7	270	0.98	0.05	5.51	0.24	48.8	38.5	19
806565	0.44	0.005	0.013	0.012	0.1	7.25	0.5	170	0.64	0.04	6	0.06	20.6	34.3	124
806566	0.08	0.114	0.287	5.08	0.53	5.72	<0.2	40	0.12	0.16	4.58	0.07	2.67	71.4	227
806567	0.56	0.002	<0.005	0.002	<0.01	0.36	<0.2	10	0.06	0.02	0.06	<0.02	8.63	0.7	23
804542	1.56	0.006	0.022	0.025	0.18	8.06	<0.2	140	0.36	0.03	7.1	0.1	17.5	44.9	71





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Project: 658

## CERTIFICATE OF ANALYSIS SD08154085

Sample Description	Method Analyte Units LOR	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1
806562		0.24	152	9.6	16.55	0.16	2.6	0.084	0.37	14.2	12.8	3.16	1460	0.5	1.64	5.5
806563		1.81	148	10.2	18.5	0.2	4.1	0.101	1.18	25.5	16	2.41	1440	0.83	1.46	8.8
806564		0.91	127	11.1	18.7	0.2	4.4	0.111	0.87	24.5	13.2	1.99	1570	0.89	1.52	10.3
806565		1.17	149	9.83	13.4	0.14	1.7	0.069	1.2	9.8	19.5	3.44	1550	0.36	0.91	4.3
806566		1.08	460	7.87	8.67	0.14	0.2	0.028	0.19	1.3	20.8	9.22	1340	0.58	0.52	0.3
806567		<0.05	3.4	0.41	0.76	0.06	0.6	<0.005	0.08	4.5	0.5	0.05	48	0.11	0.01	0.2
804542		0.68	118	7.65	14.7	0.15	1.3	0.056	0.53	8.5	8.4	4.44	1390	0.23	1.57	2.4



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 15-NOV-2008  
Account: RLH

Project: 658

CERTIFICATE OF ANALYSIS	SD08154085
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Sample Description	ME-MS61 Ni ppm	ME-MS61 P ppm	ME-MS61 Pb ppm	ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %
	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
806562	57.7	580	11.9	27.9	<0.002	0.11	0.05	41.4	2	0.9	186.5	0.39	<0.05	2.4	0.689
806563	38.2	810	8.8	93.5	0.002	0.1	0.06	40.4	2	1.5	158.5	0.65	<0.05	5	0.833
806564	30.6	1080	18.2	52.6	0.002	0.14	0.1	38	2	1.5	180	0.76	<0.05	3.7	1.055
806565	50.7	520	16.7	105.5	<0.002	0.11	0.05	35.4	1	0.7	268	0.29	<0.05	1.4	0.686
806566	660	20	8.7	9.9	<0.002	0.18	0.41	42.8	2	<0.2	82.3	<0.05	0.38	<0.2	0.103
806567	2.6	20	0.6	3.3	<0.002	<0.01	0.06	0.5	1	<0.2	4.5	<0.05	<0.05	1	0.012
804542	127	270	6.1	26	<0.002	0.05	<0.05	40.1	1	0.5	225	0.16	<0.05	1.1	0.419



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Account: RLH

Project: 658

## CERTIFICATE OF ANALYSIS SD08154085

Method Analyte Units LOR	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
806562	0.19	0.6	301	0.2	30	116	78.4
806563	0.65	1.2	314	0.4	38.7	128	133.5
806564	0.47	1	319	0.4	42	160	137.5
806565	0.77	0.4	287	0.2	23.4	132	47.8
806566	0.09	<0.1	149	0.6	3.1	90	6.4
806567	0.06	0.2	4	<0.1	0.8	2	19.3
804542	0.18	0.2	240	0.1	14.2	128	38.8



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Total # Appendix Pages: 1

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Project: 658

## CERTIFICATE OF ANALYSIS SD08154085

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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Page: 1  
Finalized Date: 18-OCT-2008  
Account: RLH

## CERTIFICATE SD08141738

Project: 658

P.O. No.: 027287

This report is for 7 Rock samples submitted to our lab in Sudbury, ON, Canada on 8-OCT-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN

BRUCE JAGO

ACCOUNTS PAYABLE

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis
WEI-21	Received Sample Weight

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

## CERTIFICATE OF ANALYSIS SD08141738

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
804533		1.52	50.2	13.75	12.00	10.05	7.58	2.15	0.46	0.01	0.71	0.22	0.08	0.02	0.01	1.20
804537		1.26	51.6	14.30	12.65	9.57	6.20	2.24	0.59	0.02	1.21	0.20	0.14	0.02	0.02	0.36
804538		1.18	46.5	13.75	13.00	14.65	4.48	2.17	0.07	0.01	0.91	0.24	0.10	0.20	<0.01	2.91
802578		0.74	54.3	14.85	13.20	0.93	4.20	3.79	2.63	<0.01	1.81	0.06	0.43	0.01	0.04	2.25
802579		0.96	52.0	12.20	15.35	6.84	4.27	2.56	0.31	0.01	1.49	0.21	0.20	0.04	0.01	2.48
802580		0.96	55.0	13.30	11.35	7.99	4.94	2.86	0.67	<0.01	0.90	0.17	0.08	0.02	0.02	0.80
802581		0.46	51.9	14.80	10.25	8.62	5.11	2.72	1.52	0.01	1.09	0.17	0.13	0.04	0.04	1.60



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## CERTIFICATE OF ANALYSIS SD08141738

Sample Description	Method	TOT-ICP06	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
	Analyte	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho
Units		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR		0.01	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
804533		98.4	<1	107.5	14.7	53.8	90	0.56	116	2.74	1.76	0.75	16.3	2.44	1.5	0.56
804537		99.1	<1	205	35.7	53.8	120	0.35	77	3.97	2.37	1.26	18.1	4.15	3.0	0.81
804538		99.0	<1	43.0	30.4	33.0	70	0.07	19	3.97	2.32	2.62	28.9	3.96	2.3	0.82
802578		98.5	<1	377	71.5	19.7	10	1.66	5	3.97	2.41	1.54	28.7	5.88	5.4	0.79
802579		98.0	<1	108.0	34.5	43.4	40	0.69	120	5.77	3.64	1.47	18.0	5.34	3.8	1.24
802580		98.1	<1	154.5	30.5	37.7	30	0.86	62	4.16	2.56	1.06	17.2	3.89	2.8	0.86
802581		98.0	<1	398	48.6	39.9	90	1.10	67	3.73	2.13	1.19	16.7	4.18	3.2	0.73



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<b>CERTIFICATE OF ANALYSIS SD08141738</b>
---

Sample Description	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
	0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05
804533	7.1	0.25	5	2.5	8.4	140	13	1.94	19.5	2.19	<1	223	0.2	0.44	1.12
804537	16.5	0.33	4	9.9	17.1	64	7	4.18	17.2	3.88	1	188.0	0.7	0.66	2.70
804538	15.3	0.29	3	7.3	15.0	34	437	3.52	1.6	3.41	1	1620	0.5	0.67	1.96
802578	30.8	0.32	9	9.0	33.4	25	8	8.54	100.5	6.43	1	73.3	0.7	0.78	7.48
802579	15.6	0.53	5	6.1	18.1	31	6	4.27	25.5	4.48	1	277	0.5	0.93	2.77
802580	14.7	0.35	4	4.0	14.4	59	27	3.62	24.4	3.36	1	163.0	0.4	0.67	3.92
802581	25.5	0.28	3	10.4	20.0	48	19	5.29	79.7	3.96	1	307	0.7	0.63	5.07





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<b>CERTIFICATE OF ANALYSIS SD08141738</b>
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Sample Description	Method Analyte Units LOR	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2
804533		<0.5	0.25	0.16	266	1	15.2	1.56	137	55
804537		<0.5	0.33	0.37	296	1	21.1	2.18	109	103
804538		<0.5	0.32	0.45	297	1	21.1	2.01	354	75
802578		<0.5	0.33	3.15	273	2	22.1	2.14	43	186
802579		<0.5	0.54	0.61	365	1	32.1	3.51	119	125
802580		<0.5	0.37	1.29	317	1	22.9	2.38	111	91
802581		<0.5	0.30	0.48	253	1	18.5	1.94	123	110



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## CERTIFICATE SD08141737

Project: 658  
P.O. No.: 027288  
This report is for 8 Rock samples submitted to our lab in Sudbury, ON, Canada on 8-OCT-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN	BRUCE JAGO	ACCOUNTS PAYABLE
-----------------	------------	------------------

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis
WEI-21	Received Sample Weight
FND-02a	Find Sample at Branch Lab

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
CI-NAA06	Low Grade Chlorine by NAA
F-ELE81	Fluorine - Fusion/ Electrochem

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

## CERTIFICATE OF ANALYSIS SD08141737

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	CI-NAA06 Cl ppm	F-ELE81 F ppm
Sample Description	0.02	90	20
804534	2.34	730	640
804535	1.66	480	470
804536	2.54	320	360
804539	0.96	260	1120
804540	1.34	150	380
804541	1.76	120	1750
802582	0.94	370	600
802583	0.78	180	630



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Finalized Date: 23-OCT-2008  
Account: RLH

## CERTIFICATE SD08139657

Project: 658  
P.O. No.: 027286  
This report is for 17 Rock samples submitted to our lab in Sudbury, ON, Canada on 30-SEP-2008.

The following have access to data associated with this certificate:

RANDY DUTCHBURN	BRUCE JAGO	ACCOUNTS PAYABLE
-----------------	------------	------------------

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: WALLBRIDGE MINING COMPANY LTD.  
ATTN: RANDY DUTCHBURN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: 658

CERTIFICATE OF ANALYSIS	SD08139657
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Sample Description	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
	0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
804533	1.52	0.011	0.027	0.023	0.26	7.63	<0.2	780	1.34	0.05	3.17	0.13	89.7	22.7	48
804534	2.34	0.010	<0.005	0.001	0.92	7.79	<0.2	460	1.14	0.02	3.27	0.29	139	25.9	46
804535	1.66	0.006	0.008	0.005	0.09	7.75	0.3	140	1.64	0.13	5.18	0.15	120	28.8	35
804536	2.54	0.003	0.008	0.003	0.09	7.77	<0.2	200	0.79	0.02	7.11	0.17	38.1	49.4	89
804537	1.26	0.003	0.007	<0.001	0.22	6.63	0.7	40	0.91	0.15	9.24	0.63	29.1	27	45
804538	1.18	0.001	0.005	<0.001	0.09	7.41	<0.2	570	2.01	0.03	2.68	0.04	145.5	17	42
804539	0.96	0.002	<0.005	<0.001	0.03	7.04	<0.2	580	1.42	0.04	2.51	0.05	123.5	15.6	44
804540	1.34	0.002	<0.005	<0.001	<0.01	6.4	0.4	1290	1.2	0.04	1.08	0.02	152.5	17.8	22
804541	1.76	0.002	<0.005	<0.001	0.02	6.55	1.7	820	0.82	0.12	4.35	0.06	155	41	30
804543	0.08	0.135	0.328	5.11	0.18	5.3	1	50	0.11	0.23	4.42	0.08	2.28	72.2	231
804544	0.62	0.001	<0.005	<0.001	<0.01	0.62	0.8	30	0.15	0.02	0.02	<0.02	10.25	0.6	37
802578	0.74	0.002	<0.005	<0.001	<0.01	7.68	0.8	390	1.63	0.21	0.68	0.02	64.9	17.9	7
802579	0.96	0.002	<0.005	<0.001	0.13	6.73	<0.2	110	0.99	0.08	5.02	0.06	38.3	42.7	32
802580	0.96	0.002	<0.005	<0.001	0.15	7.15	1.7	150	0.75	0.09	5.72	0.17	32.8	35.4	20
802581	0.46	0.002	<0.005	<0.001	0.11	7.53	<0.2	370	1.08	0.03	6.08	0.12	49.5	35.7	61
802582	0.94	0.002	<0.005	<0.001	0.06	6.72	<0.2	830	1.61	0.02	1.59	0.03	142	8.2	26
802583	0.78	0.001	<0.005	<0.001	0.03	7.01	<0.2	1230	1.05	0.03	0.69	0.04	132.5	1.4	28



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Project: 658

## CERTIFICATE OF ANALYSIS SD08139657

Method Analyte Units LOR	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm
Sample Description	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
804533	1.64	64	5.61	23.4	0.19	3.4	0.069	2.52	48.4	27	1.51	867	0.49	2.3	6.3
804534	0.48	229	5.41	25.2	0.22	4.2	0.085	1.92	74.2	24.5	1.73	998	0.59	3.02	7.3
804535	0.27	13	5.35	31.6	0.21	4.7	0.192	0.65	64.7	11	1.74	1155	0.29	3.77	6.9
804536	0.45	79.6	8.75	19.25	0.19	2.8	0.071	0.5	18.1	7.3	3.64	1420	0.7	1.6	10.8
804537	0.06	19.8	7.86	28.5	0.15	1.7	0.1	0.05	14.8	5.6	2.29	1505	0.46	1.4	6.9
804538	1.55	29.7	4.42	22.1	0.22	4.8	0.036	2.52	77.3	41.2	1.48	556	2.05	2.63	11
804539	1.26	26.4	4.15	19	0.13	4.1	0.037	2.39	64.8	27.9	1.41	524	1.93	2.46	9.9
804540	0.42	10	1.59	17.3	0.13	4.2	0.03	4.54	81.5	4.6	0.15	160	1.49	1.1	3.9
804541	0.34	23.5	3.72	34.6	0.15	3.8	0.259	3.72	80.4	7.8	0.18	438	0.61	0.87	2.6
804543	0.89	431	7.24	8.95	0.12	0.2	0.028	0.18	1.1	19	8.45	1295	0.47	0.51	<0.1
804544	0.06	5.1	0.45	1.62	<0.05	0.9	0.005	0.19	5.3	0.5	0.02	47	0.16	0.06	0.1
802578	1.8	6.6	8.75	29.3	0.17	4.7	0.049	2.01	27.7	22.6	2.48	374	0.52	2.48	8.9
802579	0.91	130	10.55	21.9	0.2	3.3	0.103	0.27	17.9	22.3	2.52	1535	0.62	1.84	7
802580	1.12	63.3	7.61	19	0.18	2.8	0.098	0.55	15.7	17	2.81	1175	0.35	1.97	4.4
802581	1.35	66.6	6.78	18.2	0.19	2.7	0.061	1.21	25.3	25.9	2.8	1155	0.42	1.81	10.6
802582	0.78	18.2	2.68	20.5	0.2	4	0.028	3.16	77.3	19.6	0.72	383	0.56	2.33	5.2
802583	0.46	3.1	1.06	19.35	0.16	4.7	<0.005	5.45	74.2	9	0.16	187	0.63	1.16	4.1



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Project: 658

CERTIFICATE OF ANALYSIS	SD08139657
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Method Analyte Units LOR	ME-MS61 Ni ppm	ME-MS61 P ppm	ME-MS61 Pb ppm	ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %
Sample Description	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
804533	31	1360	16.3	136.5	<0.002	0.1	0.05	19	2	1.5	628	0.33	<0.05	10.4	0.476
804534	43.2	840	21.5	70.5	<0.002	0.05	0.06	20.2	2	1.4	477	0.36	0.06	19.2	0.455
804535	39.1	720	14.9	24	<0.002	0.03	0.22	21.3	2	2.3	631	0.35	<0.05	17.5	0.436
804536	68	630	6.1	18.7	<0.002	0.08	<0.05	40.4	2	0.9	205	0.68	<0.05	2.8	0.723
804537	32	410	328	1.5	<0.002	0.08	0.27	26.1	2	0.8	1550	0.46	0.06	1.8	0.475
804538	27.7	620	17	208	<0.002	0.04	0.05	15.7	2	1.5	374	0.86	<0.05	38.2	0.408
804539	22.9	590	15	174	<0.002	0.04	0.06	13.5	2	1.4	344	0.78	<0.05	32.2	0.388
804540	3	300	33.3	243	<0.002	0.08	<0.05	2.6	2	1	249	0.18	<0.05	46.7	0.132
804541	3.8	260	55.6	146	<0.002	0.16	0.09	2.2	2	3	374	0.13	<0.05	44.9	0.105
804543	631	40	5.2	8	<0.002	0.17	0.56	34.6	3	<0.2	73.4	<0.05	0.41	0.2	0.093
804544	2.6	30	2.3	6.9	<0.002	<0.01	0.21	0.5	2	<0.2	5.7	<0.05	<0.05	1.4	0.012
802578	21.6	1910	6.4	95.1	<0.002	0.1	0.2	21.7	2	1.5	71.3	0.61	<0.05	6.7	1.015
802579	36.9	820	4.6	28.4	<0.002	0.12	0.08	40.2	3	1.2	324	0.47	0.05	3	0.882
802580	61.2	380	25	25	<0.002	0.02	0.41	38.9	2	1.3	170	0.35	0.05	4	0.516
802581	50.4	580	17.1	77.4	<0.002	0.03	0.05	31.5	2	0.8	317	0.65	<0.05	5.3	0.609
802582	13.9	330	15.8	130	<0.002	0.02	0.05	9.3	2	1	245	0.25	<0.05	33.8	0.236
802583	3.4	310	21.6	224	<0.002	<0.01	0.06	3.2	2	0.5	234	0.17	<0.05	46.9	0.152



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Project: 658

CERTIFICATE OF ANALYSIS SD08139657
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Method Analyte Units LOR	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
804533	0.94	0.9	151	0.4	20.7	177	134.5
804534	0.39	1.2	151	0.3	19.5	214	157
804535	0.14	1.3	164	0.4	29.1	115	161
804536	0.12	0.4	265	0.3	23.3	106	96.6
804537	0.02	0.4	230	0.2	19.9	329	53.7
804538	1.41	3.1	106	0.2	15.9	79	166
804539	1.37	2.5	102	0.2	13.3	73	160
804540	1.45	3.4	17	0.2	5.6	23	149.5
804541	0.79	5.5	26	0.1	6.9	19	138
804543	0.09	<0.1	138	1.3	2.5	87	5.1
804544	0.17	0.3	4	0.1	1.1	4	32.8
802578	0.53	3.1	238	1	20.8	28	179.5
802579	0.12	0.7	341	0.3	36.1	121	111.5
802580	0.19	1.5	269	0.7	23.6	103	91
802581	0.48	0.5	212	0.2	18.8	113	91.9
802582	0.74	2.4	59	0.1	8.7	53	133
802583	1.8	2.6	21	0.1	5	23	155.5





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**CERTIFICATE OF ANALYSIS SD08139657**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.