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TECHNICAL REPORT ON THE DRILLING PROGRAM UPDATE AT HOPES ADVANCE BAY IRON DEPOSITS

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TECHNICAL REPORT

ON THE
DRILLING PROGRAM UPDATE AT
HOPES ADVANCE BAY IRON DEPOSITS
UNGAVA BAY REGION, QUÉBEC, CANADA
NTS 24M/08, 24N05

Effective Date: 6 November, 2012
Signing Date: 6 November, 2012

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1.0 SUMMARY

Oceanic Iron Ore Corp. (Oceanic) in 2012 carried out a short drilling program of 100.5 m, with 8 holes drilled and 5 drill holes actually were completed drilled, and performed between June and July on the Hopes Advance area of the Oceanic Ungava claims. The purpose of the drilling program was to condem and verify that no iron formations occur in areas of infra-structures such as the mill and office as well as the tailings dam areas. Oceanic also carried out a 49 day mapping program covering 12 areas of the Hopes Advance project area. The mapping program was carried out with five geologists and 9 field assistants, and 8 support staff at the camp.

The iron deposits on Hopes Advance area north of the Ford and Red Dog Rivers, Ungava iron ore project owned by Oceanic consists of several blocks of claims on the NTS sheets 24M/01 and 24M/08 including an area of approximately 21,610 ha. The property extends between latitude 59°12' N to 59°22' N and from longitude 69°45'W to 70°15'W. The Hopes Advance iron deposits were well advanced towards production with extensive exploration drilling, metallurgical testwork, process development, and preliminary feasibility studies already having been completed. Interest in these deposits decreased after the middle 1960s, however, due to the extensive development of new iron ore operations further south in the Wabush/Labrador City area in Labrador and in the Upper Great Lakes region in the United States. Renewed interest in iron formation and the increasing demand for iron by China and India in the 2000's has created a staking rush of the Trough for its iron formations. The Hopes Advance area, Morgan Lake area and Roberts Lake area consistitute the very northern part of the Labrador Trough.

This report describes the results of drilling completed during 2012. This drilling was intended to verify if any iron formations were present under the infra-structures that will be built at the Hopes Advance area. Mapping carried out in 2012 was to better understand the geology in areas where the resources estimated in April 2012 were of the inferred category, Bay Zone B and West Zone 2. The also help to extend mineralization north of the Bay Zone A (North Hopes Advance Zone), West Zone 4, West Zone 1, West Zone 6, Northwest Zone and the West Ford Lake Zone. Mapping helped to better define the structures and surface contacts of the iron formations and the 151 samples collected confirmed the extensions of the mineralization.

The iron mineralization deposit type is a Lake Superior Type iron formation and is located at the northern end of the Paleoproterozoic Labrador Trough. The iron formation has been extensively metamorphosed, faulted, and folded. Farther south, the Labrador Trough hosts the iron ore deposits of Schefferville and Wabush Lake.

The Hopes Advance iron deposit is a typical stratigraphic iron deposit similar to other Labrador Trough iron deposits. The results of the Oceanic drilling program allowed the historic drilling data to be used to confirm the geology and iron grades within the deposit. Assay results to date have confirmed not only the historic iron and geology values but also metallurgical values as well. Significant areas of potentially economic iron formation this year were explored and sampled along strike to add to the potential of the Hopes Advance area resource. There are areas that will have to be tested with drilling to verify the extent of the iron formation mineraliszation at depth.

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2.0 INTRODUCTION

In 2011 Oceanic Iron Ore Corp carried out a large drilling program of 113 drill holes for a drill program of 11,515.9 m performed on the Hopes Advance area which was in essence was used to generate the resource presented in April 2012 Technical Report available on www.sedar.com and the drilling data was also presented in the previous assessment work of June 2012. In this report a short drilling program of 100.5 m with 8 drill holes is presented and a 49 day mapping program with 151 samples collected is presented for the Hopes Advance Area.

This current study presents the Hopes Advance project area but Oceanic has iron formation project areas in the Roberts Lake area north of the Payne River, the Morgan Lake project area south of the Payne River, and the Hopes Advance iron deposit north of the Ford River at Hopes Advance Bay. These three project areas represent significant iron resource potential and were extensively explored during the late 1950s through the mid-1960s. Of these three areas, the Hopes Advance iron deposits were well advanced towards production with extensive exploration drilling, metallurgical testwork, process development, and preliminary feasibility studies already having been completed. Interest in these deposits decreased after the middle 1960s due to the extensive development of new iron ore operations further south in the Wabush/Labrador City area in Labrador and in the Upper Great Lakes region in the United States.

The Hopes Advance iron deposit has been selected for most of the drilling work because of the extensive historical work completed, as well as its location within 32 km of Hopes Advance Bay. Oceanic initiated an extensive exploration program starting in the spring of 2011 to confirm the Hopes Advance historical iron resource estimate. The work continued in May 2012 with the construction of a 15 man camp and the execution of a 2 month mapping program on 12 areas and the drilling of 7 drill holes to test two main areas for the presence of iron formations.

The people on the project area were Eddy Canova, P.Geo from June 8 to August 3, 2012 and Robert Corbeil, P.Geo from May 1 to August 3, 2012. As support to the two senior geologists were three junior summer field geologists, ten local field helpers and eight support staff.

2.1 UNITS AND ABBREVIATIONS

All currency amounts in this report are stated in Canadian dollars with commodity prices typically expressed in US dollars. Quantities are generally stated in SI units, the standard practice within Canada, including metric tonnes (t) and kilograms (kg) for weight, kilometres (km) or metres (m) for distance, and hectares (ha) for area. Where applicable, imperial units have been converted to SI units, the standard Canadian and international practice.
Table 2.1 provides a list of the various abbreviations used throughout this report.

Table 2.1

List of Abbreviations

Name	Abbreviation
Acre(s) (imperial)	Ac
Billion years (ago)	Ga

Name	Abbreviation
British thermal unit(s)	BTU
British thermal units per tonne	BTU/t
Canadian Institute of Mining, Metallurgy and Petroleum	CIM
Canadian National Instrument 43-101	NI 43-101
Cent(s), US	¢
Centimetre(s)	Cm
Cents per kilowatt hour	¢/kWh
Cubic metre(s)	m^3
Cubic metres per minute	m^3/min
Day	D
Degree(s)	°
Degrees Celsius	°C
Digital elevation model	DEM
Dollar(s), Canadian and US	$, Cdn$ and US$
Free on board	FOB
Foot or Feet (imperial units)	Ft
Gallons per minute	Gpm
Global positioning system	GPS
Gram(s)	G
Grams per metric tonne	g/t
Greater than	>
Ground magnetic survey	GMS
Hectare(s)	Ha
Inch(es)	In
Inductively coupled plasma	ICP
Internal rate of return	IRR
Inverse distance cubed	ID^3
Kilogram(s)	Kg
Kilometre(s)	Km
Kilowatt(s)	Kw
Kilowatt hours	kWh
Kilowatt hours per tonne	kWh/t
Less than	<
Litre(s)	L
Litres per second	L/s
Low intensity magnetic separation	LIMS
Megawatt(s)	MW
Metre(s)	M
Micon International Limited	Micon
Micron(s)	µ
Mile(s)	Mi
Million metric tonnes	Mt
Million years	Ma
Million metric tonnes per year	Mt/y
Milligram(s)	Mg
Millimetre(s)	Mm
North American Datum	NAD
Net present value	NPV
Net smelter return	NSR
Not available/applicable	n.a.
Ordinary kriging	OK

Name	Abbreviation
Ounces	Oz
Ounces per year	oz/y
Parts per billion	Ppb
Parts per million	Ppm
Percent(age)	%
Pound(s)	Lb
Pounds per square inch	Psi
Pounds per tonne	lb/t
Rock quality designation	RQD
Second	S
Specific gravity	SG
Système International d'Unités	SI
Three-dimensional	3D
Thousand cubic feet	Mcf
Ton(s) (imperial, 2,000 pounds)	Ton
Tons (imperial) per day	tons/d
Tons(s) (long, imperial, 2,240 pounds)	l. ton
Tonne (metric, 2,205 pounds)	T
Tonnes per cubic metre	t/m^3
Tonnes per day	t/d
Tonnes per hour	t/h
Universal Transverse Mercator	UTM
Variable frequency drive	VFD
Weight percent	wt%
X-ray diffraction	XRD
X-ray fluorescence	XRF
Year	y/yr

3.0 RELIANCE ON OTHER EXPERTS

Oceanic, under the supervision of Eddy Canova P.Geo., OGQ, and Robert Corbeil P.Geo., OGQ, has carried out exploration work on the Hopes Advance property, has drilled holes, has taken samples of core and has sent samples out for independent assaying. Close examination of the geology of the core, use of a magnetic susceptibility meter to aid in identifying units, examination and verification of mineralization in drill core and the assay results have been used to identify the limits of the mineralized iron formation units. While exercising all reasonable diligence in checking all the data, the author has relied on services contracted by Oceanic for surveying, topographic data, drilling, and for assaying the core.
The historical data gathered for the Hopes Advance property is contained in assessment files historical reports. A large portion of the information has been gathered from the technical reports of Micon 2011, 2010 and 2008.

The status of the mining claims under which Oceanic holds title to the mineral rights for the Hopes Advance and neighbouring properties has been compiled by external services and verified by Oceanic. The description of the property, and ownership thereof, as set out in this report, is provided for general information purposes only.

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4.0 PROPERTY DESCRIPTION AND LOCATION

The Hopes Advance property is within the Ungava iron project area and is located just west of the town of Aupaluk on the west side of the Ungava Bay (Figure 4.1). The full Ungava project claims are illustrated on the Figure 4.2. The location of the Hopes Advance iron deposit and property is to the north of the Ford Lake, Ford River, Red Dog Lake and Red Dog River on the NTS sheet 24M/01 and 24M/08. The Hopes Advance property extends between latitude 59°12' N to 59°22' N and from longitude 69°45'W to 70°15'W with a total area of 21,610 Ha (Figure 4.3).

The Hopes Advance property claims is shown on the Figure 4.3 with the center of the property being at 59°17'58N, 69°54'13"W.

Figure 4.1. Location of the Ungava Project.

The Hopes Advance property was explored in the 1950's by Atlantic Iron Ores Limited and a number of deposits were identified during the exploration work. These areas were Castle Mountain, Iron Valley, Zone 2, Zone 4, McDonald Zone, Northwest Zone and Bay Zones. The work was focused on the claims just north of the Lake Ford within the Castle Mountain, Zone 2, Zone 4 and McDonald zones, at Hicks Lak for Iron Valley and north of the Red Dog Lake and River for the Bay Zones A, B, C, D, E, and F.

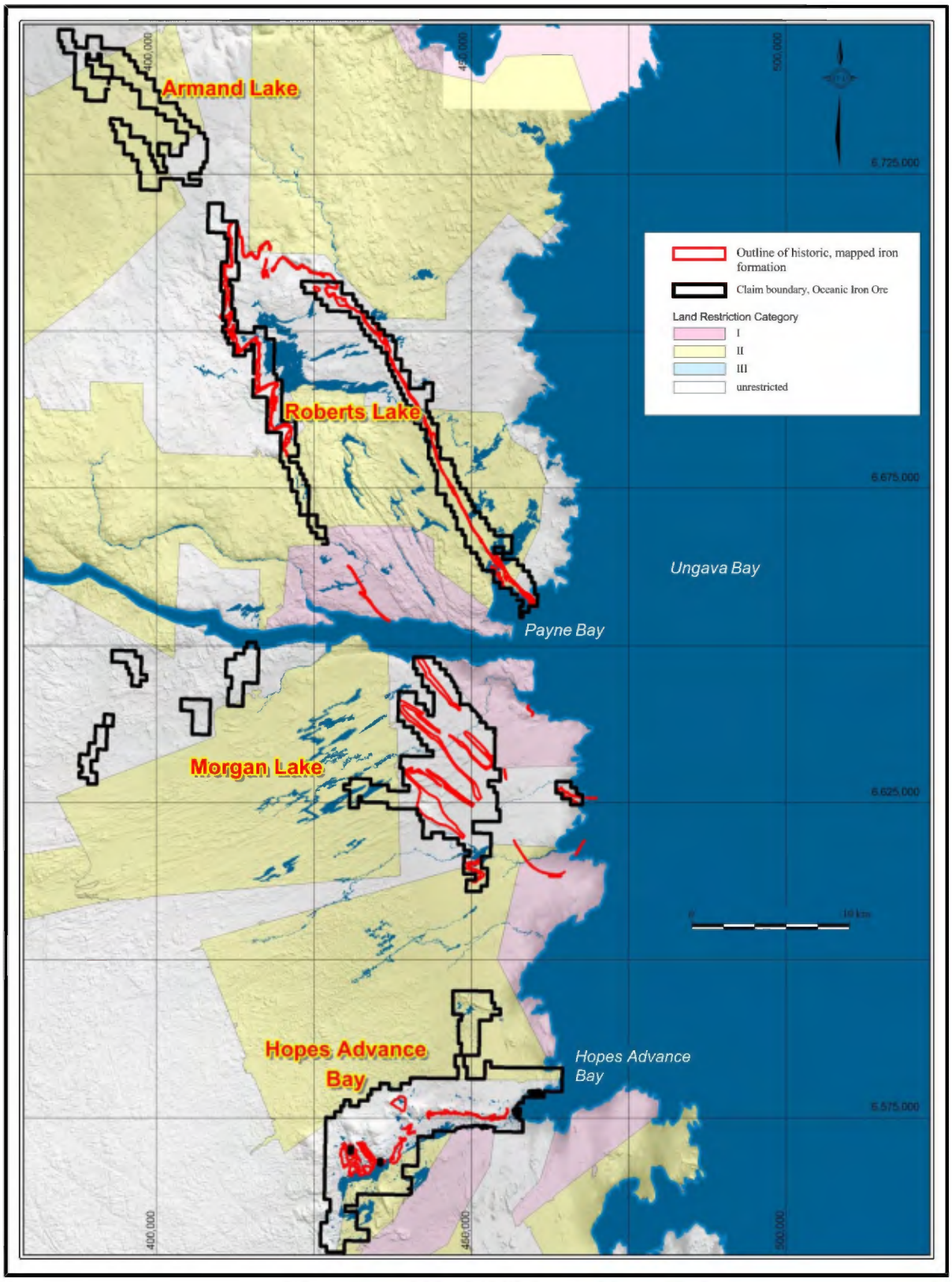

Figure 4.2 Ungava Project Property Limits.

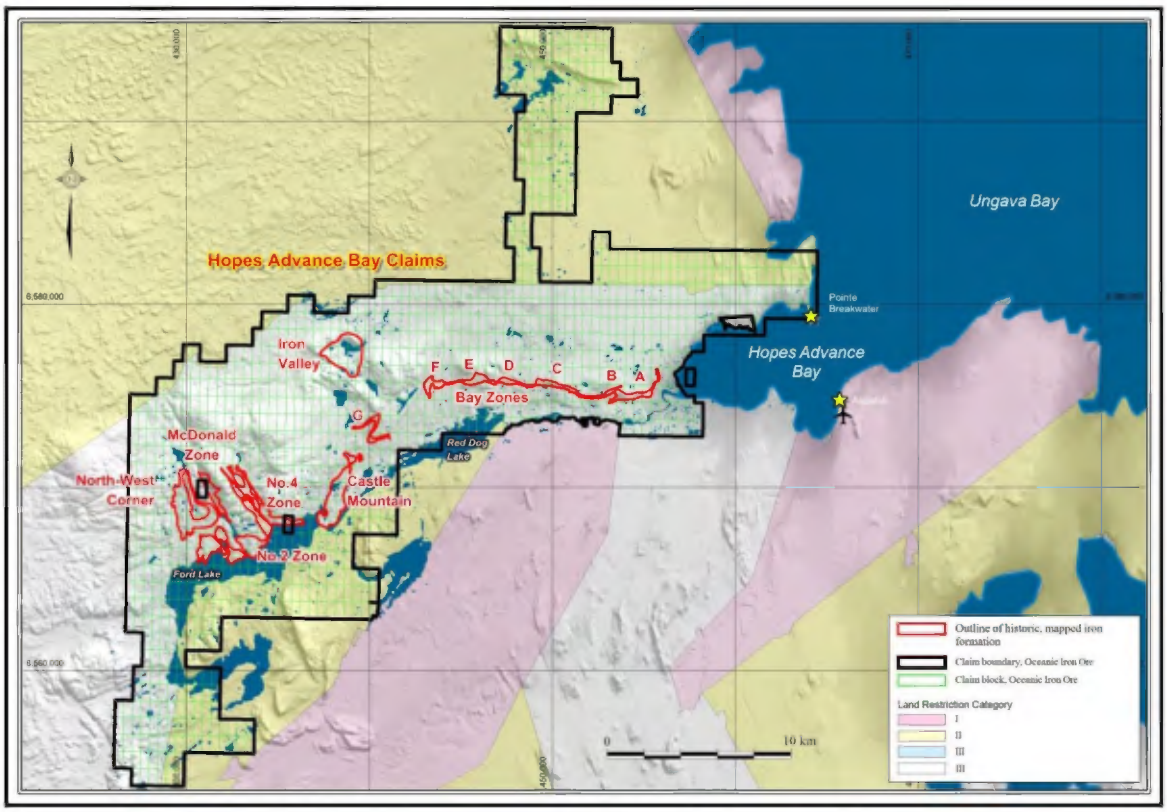

Figure 4.3. Hopes Advance Area Property Limits and Claims, May 2012.

This area has 490 claim cells for an area of 21,610 hectares occuring on the NTS map sheets 24M/01 and 24M/08. The soonest that these claims will be expiring is the 6th of July 2012 and others will expire through out the year up into 2013. The amounts required for claim renewal fees are $48,020 and work requirements of $334,200. A detailed presentation of the claims is in the Appendix I and a brief summary of the claims expiring by October 2012 is given in the Table 4.1, below.

NTS Sheet	No. of Claims	Area (ha)	Renewal Cost	Work Required
24M/01	272	12,009.19	26,656	100,000
24M/08	367	16,164.74	35,966	0
24N05	493	20,931.95	46,965	113,000
Total	1132	49,105.88	109,587	213,000

Table 4.1. Summary list of claims on Hopes Advance Area Property as of April 2012.

Oceanic is conducting exploration activities under permits (Permit d'Intervention) issued by the MRNF as follows:

3009740 issued 14 February, 2011
3009897 issued 4 April, 2011
3010700 issued 8 August, 2011
3010757 issued 9 August, 2011
3010993 issued 20 September, 2011
3011939 issued 19 April, 2012

On 25 February, 2011, the Nunavik Land Holding Corporation of Aupaluk granted authorization to carry out exploration on the Hopes Advance area.

The Land Holding of Aupaluk has granted a permit to the company for establishing a camp.

The property is located in Nunavik, the northern region of Québec which falls under the jurisdiction of the James Bay and Northern Québec Agreement (JBNQA). This agreement, negotiated in 1975 between the Government of Québec, the Grand Council of the Crees of Québec and the Northern Québec Inuit Association, has led to specific provisions of Chapter II of the Québec Environmental Quality Act (EQA). An environmental advisory committee, composed of First Nations, provincial and federal representatives, serves as the official forum to implement and address environmental protection and management in the region.

In 2005, the Nunavik Inuit Land Claims Agreement was reached between the Government of Canada and the Makivik Corporation, the development company that manages the heritage funds of the Nunavik Inuit as provided for in the JBNQA. The 2005 land claims agreement a) affirms the existing aboriginal and treaty rights as recognized under the Constitution Act of 1982; and b) provides additional certainty regarding land ownership and use of terrestrial and marine resources. Three new entities, the Nunavik Marine Region Wildlife Board (NMRWB), the Nunavik Marine Region Planning Commission (NMRPC), and the Nunavik Marine Region Impact Review Board (NMRIRB), have been established as a result of the aforementioned land claims agreement. Each board will play a significant role in assessing and approving any development in the Nunavik region.

Federal legislation will also need to be considered for any development in addition to the Inuit agreements, Nunavik agencies, and the Québec legislation mentioned above. Applicable federal legislation includes the Canadian Environmental Assessment Act, the Fisheries Act, the Canadian Environmental Protection Act, the Canada Water Act, the Navigable Waters Protection Act, Migratory Birds Act, and the Metal Mining Effluent Regulations. Tailing disposal in a natural water body should be avoided in project planning as legislated under the Metal Mining Effluent Regulations. In addition, exploration and potential development needs to consider species of special status that include caribou, beluga whale, and musk ox.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Ungava iron property is accessible from Kuujjuak with regular flights from Montreal to Kuujjuak daily with First Air and Air Inuit. Aupaluk, Tasiujaq and Kangirsuk are easily reachable by Air Inuit flight from Kuujjuak on a daily basis. Aupaluk is approximately 100

Figure 5.1. Location of the Communities in the Ungava Bay Area and Nunavik.

km north of Kuujjuak and just on the south side of the Hopes Advance Bay. The area has some of the highest tides in the world being between 10 m to 15 m.

Road access on to the eastern part of the project is possible from Aupaluk via a gravel road that crosses the Red Dog River approximately 10 km to 15 km east of Aupaluk.

The Hopes Advance property is in the treeless tundra of the Canadian Shield and Labrador Trough in an area of permafrost. The area has topographic refliefs that do not surpass 200 m above the sea level. The area is relatively flat with gentle topographic relief and some hills gerally where there are iron formations. There are numerous lakes and streams through the area.

The temperatures in the winter will vary from -5°C to -50°C with the average coldest temperatures being in Jasnuary and the average temperatures in January being -24.3°C (mean January temperature is -5.7° C). The summer months the temperature is 10°C to 25°C with the warmest month being July (average temperature in July is 11.5°C) The precipitation in the area averages at 527 mm, with annual rain precipitations of 227 mm. In winter there are situations where the winds are very strong rendering the visibility quite difficult causing white outs (January to April). Ice break up in the area occurs generally around the middle of June.

The vegetation on the Hopes Advance area is in a sub-Arctic tundra species with small plants, shrubs, mosses, and lichens. Animal species present on the property include caribou and musk ox. In Ungava Bay, a small population of beluga whales is also present.

6.0 HISTORY (SOURCE TECHNICAL REPORT ON THE MINERAL RESOURCE ESTIMATE AND RESULTS OF THE PEA, NOVEMBER 2011 AND REVIEWED)

The history of the discovery and early exploration of iron resources within the Labrador Trough is described by Auger (1958) in a report for the Ungava Iron Ores Company as follows:

> "The Labrador Trough is a stratigraphic and structural unit, which has been reported in northern Quebec as early as 1852, by Father Babel, an Oblate missionary. In the latter part of the 19th Century, A. P. Low of the Geologic Survey of Canada mentioned the presence of abundant iron formation and in his report published in 1895, he recommends that the area be prospected for iron. In 1929, iron ore was found in Labrador by J. E. Gill and W. F. James in the iron formation of the Trough on the present property of the Iron Ore Company of Canada and in 1936, Dr. J. A. Retty made the first discovery of iron ore in Quebec and began the systematic exploration of the Labrador Trough. His work was followed by that of numerous others, including the writer [Auger].
>
> "In the succeeding years from 1946 to date [1958] the Province of Quebec gave various companies large concessions covering most of the Labrador Trough from Knob Lake northward as far as Ungava Bay and southward as far as Mount Wright and Lake Mistassini. In 1951, a prospector, Ross Toms, staked the first claims in the Ford Lake region [Hopes Advance area]. The samples collected on these claims were brought to Mr. Cyrus S. Eaton of Cleveland, Ohio USA, who foresaw the potential economic significance of ore of this type located near tidewater. Mr. Hugh Roberts, a well known consulting geologist from Duluth, examined the samples and recognized at once the economic value of the material under consideration and recommended that some geologic studies and exploratory drilling be done on the ground which is now [1958] the property of Atlantic Iron Ores Limited.
>
> "In 1952 and 1953, exploration was pushed northward along the Labrador Trough and new outcrops of iron ore were discovered with the resultant acquisition by the Cyrus Eaton interests of the mineral rights on the International Iron Ores Properties, north and south of Payne River. In the following years Oceanic Iron Ores Company and Quebec Explorers Limited obtained mining concessions on neighbouring grounds. This completed the granting of all the iron-bearing ground comprised within the Labrador Trough in Quebec."

The most active exploration period was between 1952 through 1961. Large iron mining operations were proposed in the Roberts Lake area near Kayak Bay, in the Morgan Lake area at Payne River, and at Hopes Advance Bay in the south. The project at Hopes Advance Bay was the most advanced with a detailed scoping study and pre-feasibility study being completed (called a feasibility study at that time).

During the same time period, large iron resources were developed southward along the Labrador Trough in Labrador and in Quebec at Labrador City, Wabush, and Mount Wright. Additionally, large iron production plants (in Taconite) were brought into production in Minnesota and

Michigan in the United States. All of this additional capacity was much closer to steel producing centres in the United States and Canada resulting in much lower overall production costs than could be achieved by mining the deposits in the Ungava Bay region. As a result, all of the projects in this area had been suspended or terminated by the mid-1960s.

Minor exploration work continued on the property until the early 1970s. Since that time, other than some minor metallurgical testing, the only exploration work completed by previous companies has been airborne geophysical surveys completed during the 1990s. Airborne geophysics (radiometrics and magnetometer surveys) have been completed in 2006, 2007, 2008 and 2009 by Voisey Bay Geophysics Ltd., as contracted by Ferderber and Sheridan.

The Hopes Advance area iron deposits were first discovered in 1951 with active exploration from that time continuing through 1962. Exploration work completed on the property includes exploration drilling, surface sampling, surface mapping, and metallurgical test work. Detailed site layouts and pit designs were completed for a processing plant along the Red Dog River and a harbour on Hopes Advance Bay.

Eight of the deposits have had some drilling including Bay (54 holes), Castle Mountain (53), Iron Valley (16 holes), No.1 (3 holes), No.2 (22 holes), No.4 (27 holes), McDonald (7 holes), and Northwest Corner zones (3 holes). Other mineralization in the Hopes Advance area includes the No.3 and No.6 zones.

A total of 185 drillholes were completed in the Hopes Advance area totalling 12,935 m.

The Hopes Advance area includes historically identified iron deposits including the Bay Zones A, B, C, D, E and F; Castle Mountain; Numbers 1, 2, 3, 4, 5, and 6 zones; the Northwest Corner, McDonald, and Iron Valley zones (Figure 5.1). The historical estimated resource is more than 590 million metric tonnes at a grade of 35.7% $Fe_{soluble}$ and was based on extensive exploration drilling (182 drillholes, 12,826 m), channel sampling, bulk samples, surface mapping, and economic studies. An additional "potential resource" of 229 Mt was reported in the historical documentation but has very little documented support. Table 6.1 summarizes the historical resources identified in the Hopes Advance area.

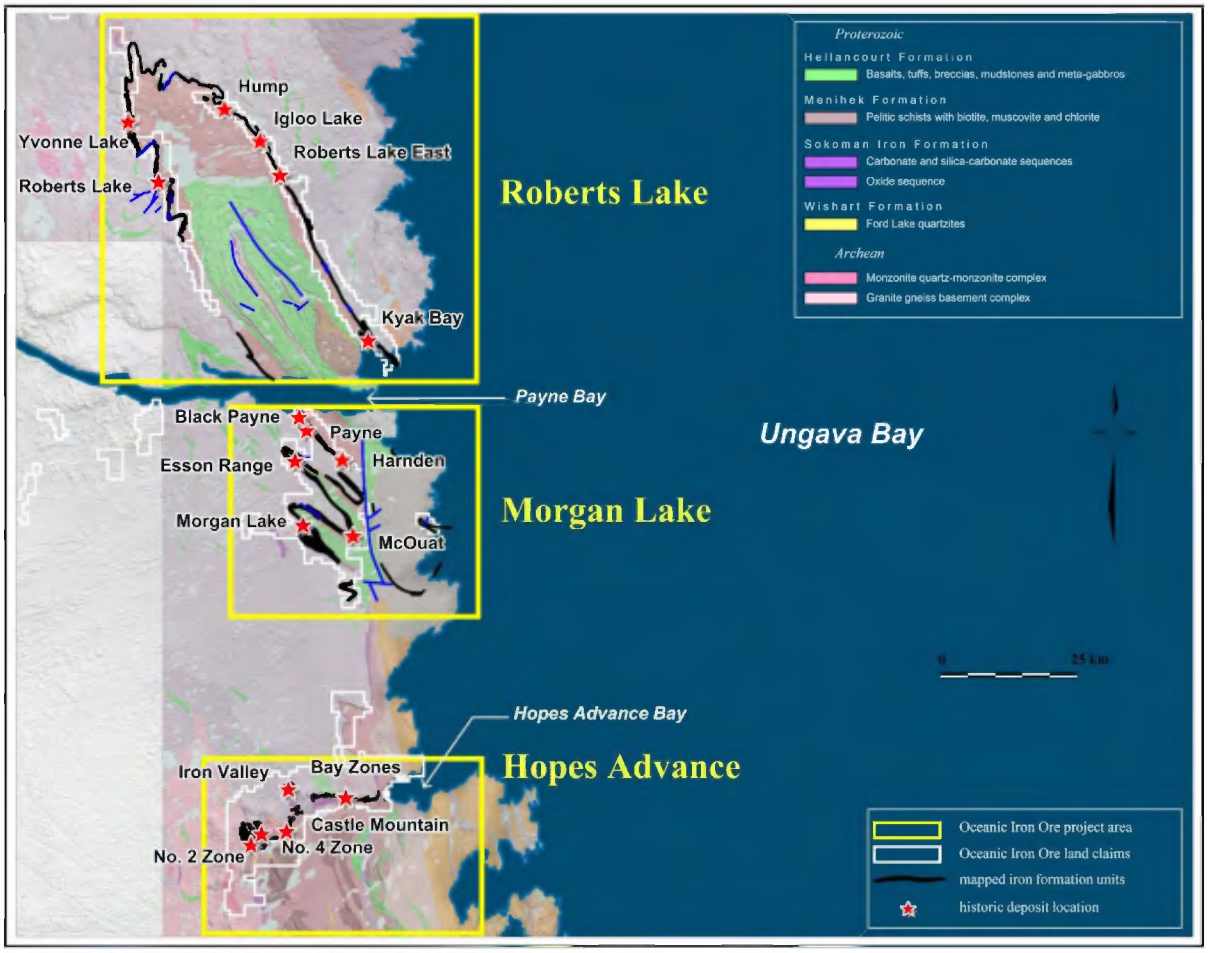

Figure 6.1. Location of Historic Deposits.

The historical work at Hopes Advance included mine plans including pit designs with ramps. All drill indicated areas had pits designed on them and waste stripping determined. No detailed annual mine plans were constructed and the overall stripping ratio was estimated to be about 0.32 to 1 on the drill indicated material. Initial mining would have been from the Castle Mountain and Bay Zone F deposits.

The historical estimates presented below use categories other than the ones set out in NI 43-101 and have not been prepared to the standards required by the instrument or modern estimation practices.

Table 6.1

Historical Iron Resources in the Hopes Advance Area

Deposit	Crude Resource (million metric tonnes)	Head Iron (Sol. Fe)	Exploration Drill Holes	Metres Drilled	Source	Date
Bay Zones (A to F)	124.4	35.0%	54	3,929	P.E. Auger	1958
Castle Mountain	204.3	34.8%	53	3,966	P.E. Auger	1958
No. 2 Zone	80.8	36.4%	22	1,672	P.E. Auger	1958
No. 4 Zone	72.0	35.7%	27	1,435	P.E. Auger	1958
Northwest Corner	16.7	37.3%	3	252	P.E. Auger	1958
McDonald Zone	14.4	37.7%	7	443	P.E. Auger	1958
Iron Valley Zone	78.3	37.7%	16	1,129	P.E. Auger	1958
Total Drill Indicated	590.9	35.7%	182	12,826	---	---
No. 1 Zone	61.0	35.0%	3	109	P.E. Auger	1958
No. 2 Zone Western Part	40.6	35.0%	0	0	P.E. Auger	1958
No. 3 Zone	12.2	35.0%	0	0	P.E. Auger	1958
No. 6 Zone	10.2	35.0%	0	0	P.E. Auger	1958
Northwest Corner Possible	89.4	35.0%	0	0	P.E. Auger	1958
McDonald Zone Possible	15.2	35.0%	0	0	P.E. Auger	1958
Total Potential	228.6	35.0%	3	109	---	---
Total Hopes Advance Area	**819.5**	**35.5%**	**185**	**12,935**	---	---

7.0 GEOLOGICAL SETTING AND MINERALIZATION

The Ungava Iron property is situated at the northern part of the Labrador Trough, a 1000 km long structure. The area is a series of folded meta-sediments, metavolcanics of the Labrador Trough of Paleoproterozoic Age (1840 Ga) of the Rae Province overlying gneisses, schist and intrusives of the Archean Superior Province. The iron formations within the Labrador Trough are a series of well layered quartz, magnetite and hematite layered iron formations.

The successions on the Hopes Advance area is a series of Archean aged granites and granite gneisses unconformably overlain by a succession of Proterozoic meta-sediments and meta-volcanics of the Labrador Trough. Just overlying the Archean basement are a series of quartzites and schists of the Ford Lake Formation. The schists are garnet-biotite-chlorite schists with some magnetite at times. These are medium grained foliated and of meta-volcanic orgin possibly. These are overlain by a series of quartzites with cummingtonite-magnetite-hematite and with some biotite and garnets at times. Assays often indicate a higher alumina content on these units. These units are then overlain by the typical banded to massive iron formation with quartz, magnetite and hematite. The units are grey-black, fine to medium grain, siliceous, hard, granular with some layering but preferentially thick layered. The overlying units are the iron formations of the

Sokoman Iron Formation which are the controling mineralization in the Labrador Trough. The Hopes Advance area, the iron formations are generally flat to gentilly dipping and with minor folding of the formations. There is thrusting of the units in the area.

Figure 7.1. Map Showing Major Tectonic Subdivisions of Northern Québec and the Ungava Peninsula. MNRF (http://www.mrnf.gouv.qc.ca/english/publications/mines/quebec-mines/gites_uranium.pdf)

7.1 LOCAL GEOLOGY OF HOPES ADVANCE AREA (MICON REPORT 2011)

The Hopes Advance area has five mineralized areas with the iron formations of the Sokoman Iron Formation overlying the quartzites of the Ford Lake Formation and occuring as wide banded iron formations that trend northeast and dip to the southeast. The areas are Castle Mountain area with iron formations trending north-northeast and dipping at a shallow angle to the east-southeast. The iron formations may reach thicknesses of 104.4 m (HA-11-002), exposed at surface and with little or no cover to the iron formations and fairly consist iron formations of magnetite and hematite being fine to medium grain in a ground mass of fine silica (quartz). The iron formations at Castle Mountain are overlain by brown colored quartzose sediments with some carbonate nodules, weakly to moderately magnetic and occuring as brown hill top covers. The Castle Mountain area has a strike length of over 4600 m and is open to the north-northeast. To the west of Castle Mountain area, 1000 m is the Zone 4 area which trends west-northwest and dips at a shallow angle to the south-southwest. Similar to Castle Mountain area, the Zone 4 area iron formations are exposed at surface. On the Zone 4, the units may reach thicknesses of is

Hopes Advance							Thickness (m)
Late Precambrian		**Leaf Bay Group**		Volcanic and sedimentary rocks. Diorite and gabbro sills and amphibolitic rocks.		--	
		Red Dog Formation		Micaceous schist and slate with minor carbonate and quartzose beds.		--	
		Sokoman Iron Formation		Iron silicate-carbonate-quartz iron formation			15-30
				Grunerite-magnetite-quartz iron formation			10-15
				Hematite-magnetite-quartz iron formation			45-60
				Carbonate-iron silicate-magnetite-quartz iron formation			12-15
		Ford Lake Formation		Quartzite and garnet-biotite-chlorite schist			Up to 30
				Unconformity			
Early Precambrian							
		Archean Complex		Granite and granite gneiss			

Table 7.1. Stratigraphic Sequence in the Hopes Advance Area.

The Hopes Advance area is unusual in that it is the only portion of the iron formation with strikes that are generally east-west. All other areas are dominated by strikes that range from north-northwest to north-south.

The bedding at Castle Mountain appears to form an open upright anticline plunging shallowly to the southeast. However, fold closures in the otherwise relatively flat-lying rocks suggest complex folding possibly associated with overturned beds. Lean chert-magnetite iron formation is locally overlain by higher-grade chert-magnetite-hematite iron formation. Bulk sample trenches apparently targeted this horizon. Beds in the chert-magnetite-hematite iron formation are up to several feet thick. The chert-magnetite-hematite iron formation is overlain by spotted chert-magnetite-silicate iron formation, which in turn is overlain by spotted chert-carbonate rock. Fibrous amphiboles were noted in the transition between the chert-magnetite-hematite- silicate iron formation and the overlying chert-carbonate rock.

The bedding at Hopes Advance No. 4 is folded into a southeast plunging syncline. Chert-magnetite-hematite-silicate iron formation is overlain by spotted chert-magnetite-silicate iron formation and spotted chert-carbonate rock. Beds in the chert-magnetite-hematite-silicate iron formation are up to 0.5 m thick.

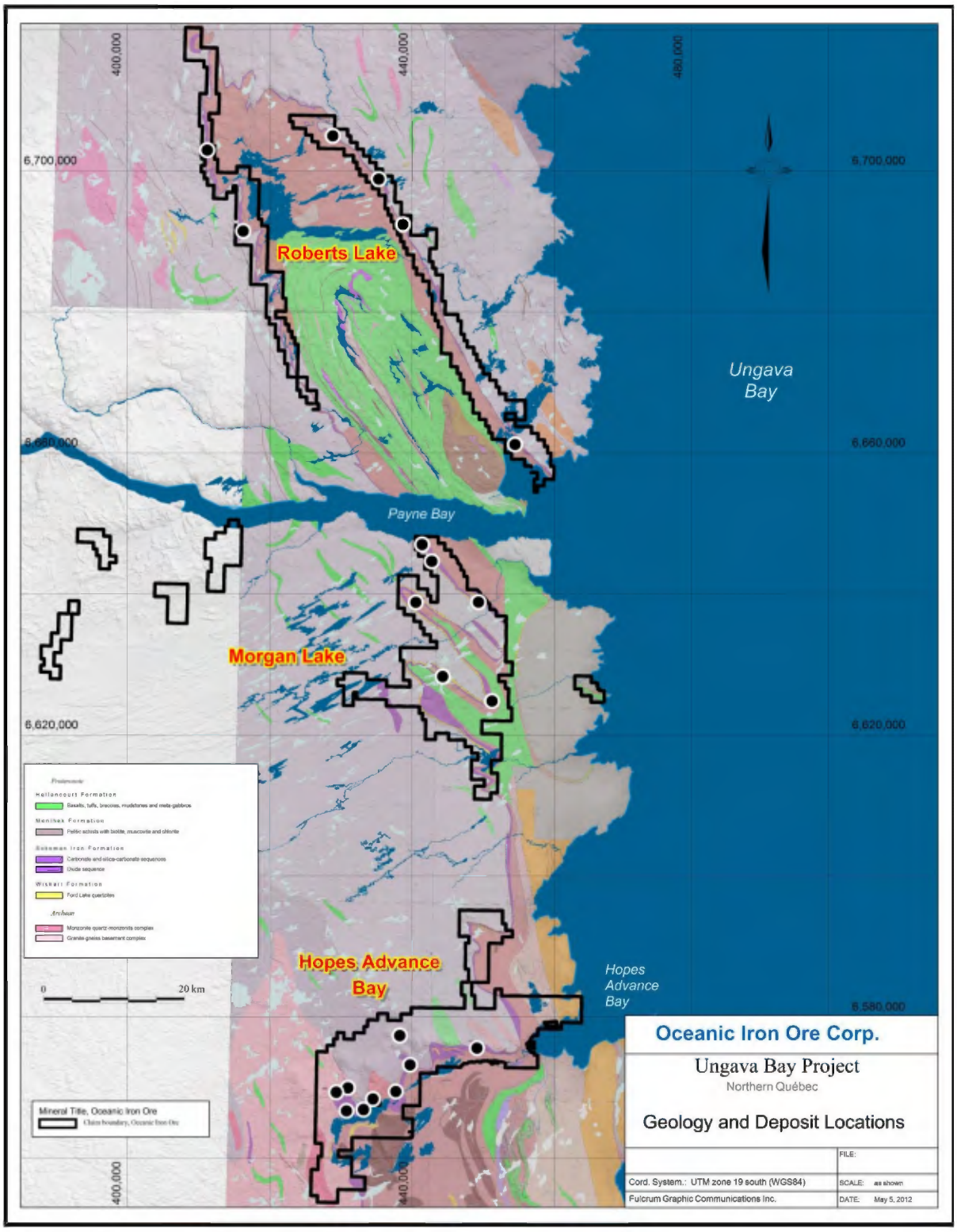

Figure 7.2. General Geological Map of the Ungava Iron Property.

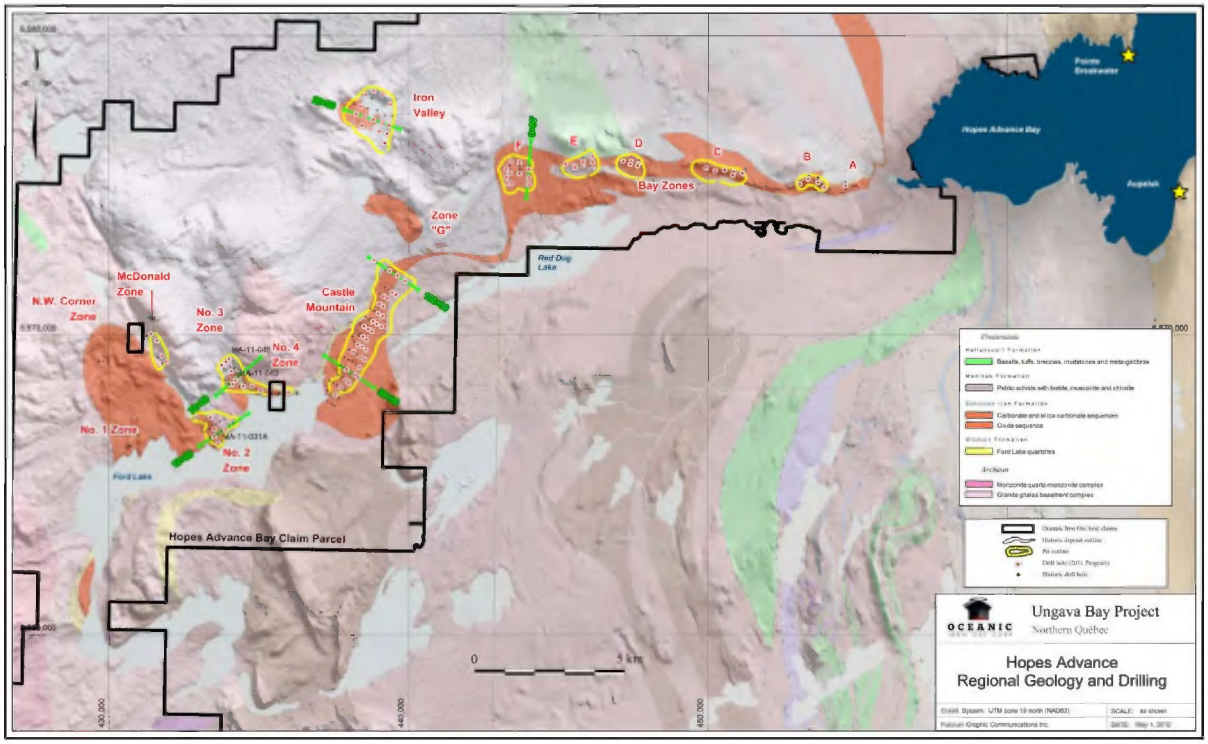

Figure 7.3. Geology of the Hopes Advance Area.

The bedding at Hopes Advance No. 2 defines a southeast plunging anticline. Bedding on the northeast limb dips 30° to 40° to the northeast. The chert-magnetite-silicate iron formation is overlain by spotted chert carbonate. Beds in the chert-magnetite-silicate iron formation are up to a couple of feet thick. Locally, there is evidence for thrusting where chert-magnetite-silicate iron formation overlies spotted chert-carbonate rock.

Outcrop at Hopes Advance Iron Valley is sparse. The distribution of outcrop in the area supports a syncline with Iron Valley mineralization lying on the axis. Chert-magnetite-hematite iron formation is overlain by spotted chert-carbonate rock. Two large float boulders of chert-specularite were observed. The float boulders were friable and may represent potentially economic mineralization that does not crop out. Specularite grains are approximately 100 μ in length (Figure 7.4).

8.0 DEPOSIT TYPES

The iron formation in the Labrador Trough are of Lake Superior Type because they are the type of iron formations that require concentration to produce a saleable product. The Lake Superior Type deposits, in the case of the Labrador Trough, were deposited in a shallow water environment in a geosyncline, continental shelf and in a shallow sedimentary basin. These types of iron formations contain two varieties of ore types, one being direct shipping ore and the other being concentrating ore (taconites – hard ores). Concentrating ores are typically hard ores composed of magnetite and hematite with a ground mass of quartz. These typically in the Hopes Advance area run 25% Fe total to 40% Fe total. Contrating these ore is accomplished by grinding and liberating the hematite and magnetite by a gravity circuit and or by flotation for recouperating the fines.

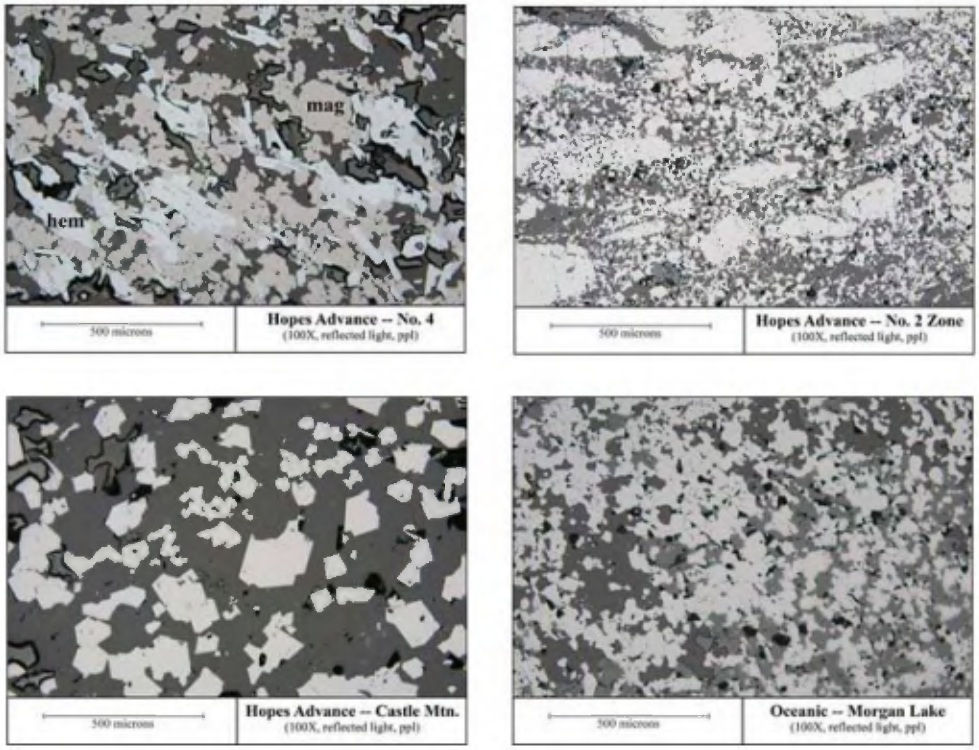

Figure 7.4. Photomicrographs of Grab Samples from Ungava Iron Property Hopes Advance and Morgan Lake Areas.

a) Photomicrograph of grab sample from West Zone 4. Equant grains of magnetite (brown) intergrown with tabular hematite (white) and gangue minerals (gray). b) Photomicrograph grab sample from West Zone 2. Equant, granular disseminated and blocky aggregates (granules) of magnetite (brown) and gangue minerals (gray). c) Photomicrograph of grab sample from Hopes Advance Castle Mountain. Equant, euhedral, disseminated magnetite in a matrix of gangue minerals (gray). d) Photomicrograph of grab sample from Anomaly area from Morgan Lake. Equant disseminated magnetite in a matrix of gangue minerals (gray). All photomicrographs are at the same magnification. Note the variation in the grain size of magnetite. The grab sample from Castle Mountain contains magnetite with an average grain size of 65 μ. The grab sample from West Zone 2 contains magnetite with an average grain size of 12 μ. The Morgan Lake grab sample contains magnetite with an average grain size of 35 μ.

Concentrates are valued by the ease with which Fe is liberated and the Fe grades. Ores with more easily liberated Fe may be more favorable than ores with higher grades and poor liberation of iron. Especially if the Fe liberation is good at a coarse grind this is much more favourable. Photomicrographs were prepared by Micon of samples collected in 2008 and the photomicrographs show the relatively simple mineralogy of the iron formation of the Ungava Iron Ore property. The figures also demonstrates the potential variation in grain size affecting the potential liberation and recovery of iron oxides. Mines presently in operation along the Labrador Trough are Iron Ore of Canada, Quebec Cartier Mining, Wabush Mines, LAB-MAG, New Millenium, and Rio Tinto.

9.0 EXPLORATION

A description of the historical exploration work conducted on the Hopes Advance property is all provided in the Section 6.0.

9.1 GEOPHYSICAL SURVEYS

The Geophysical work that was conducted on the Hopes Advance area in 2006 and 2008. The work was predominantly airborne magnetometer and radiometrics surveys carried out by Voisey Bay Geophysics Ltd., of Longue-Pointe-de-Mingan, Quebec, on behalf of Sheridan and Ferderber. The surveys included:

2006
24M01 – airborne magnetometer and radiometrics
24M08 – airborne magnetometer and radiometrics
24N05 – airborne magnetometer and radiometrics

2008
24M01 – airborne magnetometer and radiometrics
24M08 – airborne magnetometer and radiometrics
24N05 – airborne magnetometer and radiometrics

The surveys covered more than 345 km² and comprised over 3160 line km of flight lines. The grid coverage was 100 m by 1,000 m or 200 m by 1,000 m on east-west or north-south oriented lines. The geophysical surveys helped to outline the iron formation and assist in locating the iron formations on the claims.

9.1.1 2006 Airborne Geophysical Surveys

The geophysics on Hopes Advance was completed on the Block I (Main) with claims on the map sheets 24N05, 24M08 and 24M01.

The geophysics program consisted in a high-resolution helicopter airborne magnetic and radiometric survey. Data acquisition for the airborne phase I was initiated on 3 July, 2006 and completed on 7 July, 2006 with a total of 3,159.9 line-km of magnetic and radiometric data being collected. The aircraft used for the survey was a helicopter Robinson R44 Raven towing a bird-magnetometer system. The helicopter was also carrying a spectrometer pack mounted in the rear passenger compartment of the helicopter. The flight lines were oriented east-west with a line separation of 150 m and tie lines were oriented north-south with a line separation of 1500 m.

The magnetic anomalies corresponded very well with the trace of the iron formations and confirm the location of the iron deposits that were the focus of the historical work completed in the area in the 1950s and 1960s.
The total geophysical work for the Hopes Advance area completed in 2006 amounted to $398,549 for 3,160 line km covering a survey area of 345 km^2. The airborne magnetic survey covered approximately 72% of the claim area held by Oceanic in the Hopes Advance area.

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Table 9.1

Summary of Airborne Geophysical Surveys

Date	Line Orientation	Map Sheet	Block	Area Name	Number of Claims	Approx. Claim Area (ha)	Survey Area (SqKm)	% on Claims	Survey Grid	Survey Lines (km)	Tie Lines (km)	Subtotal (km)	Total (km)	Total C$
2006	east-west	24M01/24M08/24N05	I	Main	501	20,040	240	84%	150x1500	2,321	350	2,671		
2006	east-west	24N05	II	North	102	4,080	75	54%	150x1500	311	58	369		
2006	east-west	24N05	III	South	18	720	30	24%	150x1500	102	18	120		
													3,160	$ 398,549
2006					**621**	**24,840**	**345**	**72%**		**2,735**	**425**		**3,160**	**$ 398,549**
2007	east-west	24M16	I	Property 1	30	1,200	20	60%	100x1000	147	15	162		
2007	east-west	24M16	II	Property 2	77	3,080	31	100%	100x1000	392	44	435		
2007	east-west	24M16	III	Property 3	74	2,960	30	100%	100x1000	366	42	408		
2007	east-west	24M16	IV	Property 4	38	1,520	16	95%	100x1000	183	20	203		
													1,208	$ 183,364
2007	north-south	25D08	1	Property 1	138	5,520	59	94%	100x1000	750	79	829		
2007	north-south	25D08	2	Property 2	96	3,840	41	94%	150x1000	299	45	344		
													1,173	$ 145,549
2007	east-west	24N13	1	Property 1	406	16,240	176	92%	150x1000	1,279	196	1,475		
2007	east-west	24N13	2	Property 2	32	1,280	14	92%	150x1000	109	15	125		
													1,600	$ 190,774
2007	north-south	25D01	1	Property 1	57	2,696	39	68%	150X1000	263	37	300		
													300	$ 47,735
2007	north-south	25C04	1	Property 1	80	3,438	77	45%	150x1000	513	76	589		
													589	$ 100,062
2007	east-west	24M15	1	Property 1	35	1,512	18	84%	150x1000	120	16	136		
2007	east-west	24M15	2	Property 2	77	3,329	39	86%	150x1000	257	44	301		
2007	east-west	24M15	3	Property 3	44	1,906	22	88%	150x1000	141	22	162		
2007	east-west	24M15	4	Property 4	49	2,123	27	78%	150x1000	181	31	212		
													812	$ 115,714
2007	north-south	25D07	1	Property 1	104	4,388	66	67%	150x1000	436	71	506		
													506	$ 75,891
2007	north-south	24N12/24M09	1	Property 1	61	2,653	29	92%	150x1000	288	30	318		
2007	north-south	24N12/24M09	2	Property 2	36	1,569	18	87%	150x1000	119	20	140		
													458	$ 78,221
2007					**1434**	**59,254**	**721**	**82%**		**5,843**	**804**		**6,646**	**$ 937,310**
2008	east-west	24M01/24M08/24N05	I	Property 1	501	20,040	288	70%	150x1000	2,143	297	2,440		
2008	east-west	24N05	II	Property 2	102	4,080	63	65%	150x1000	417	62	479		
													2,919	$ 430,769
2008					**603**	**24,120**	**351**	**69%**		**2,560**	**359**		**2,919**	**$ 430,769**
2009		25D10	1		130	5,200	66	79%	200x1000	331	79	409		
2009		25D10	2		84	3,360	39	86%	200x1000	310	76	386		
													795	$ 157,951
2009		25D10	3		64	2,560	32	80%	200x1000	159	32	191		
													191	$ 45,063
2009		24N12/24N13	1		467	18,680	204	92%	200x1000	1,022	210	1,231		
													1,231	$ 176,166
2009		25D07/25D08	1		225	9,000	111	81%	200x1000	567	138	706		
2009		25D07/25D08	2		197	7,880	104	76%	200x1000	523	110	633		
													1,338	$ 189,625
2009		24M15	1		71	2,840	33	85%	200x1000	172	34	206		
2009		24M15	2		54	2,160	25	88%	200x1000	124	28	152		
2009		24M15	3		62	2,480	28	89%	200x1000	140	30	170		
2009		24M15	4		77	3,080	35	87%	200x1000	177	38	215		
													742	$ 114,457
2009		25D14/25D15	1	Part 1						175	40	215		
2009		25D14/25D15	1	Part 2	174	6,960	97	72%	200x1000	219	45	263		
													478	$ 81,282
2009		24N12	1		36	1,440	16	87%	200x1000	159	82	241		
													241	$ 51,364
2009		25C04	1		254	10,160	119	85%	200x1000	611	124	736		
													736	$ 155,690
2009					**1895**	**75,800**	**910**	**83%**		**4,687**	**1,065**		**5,753**	**$ 971,598**
TOTAL						184,014	2,327	79%		15,825	2,653	-	18,478	$ 2,738,227
						ha	*SqKm*			*km*	*km*	*km*	*Total (km)*	*Total C$*

9.1.2 2008 Airborne Geophysical Survey

In 2008 the Hopes Advance area Blocks I and II on the map sheets 24M01, 24M08 and 24N05 were covered between September 5 to September 25 by a multiple-discipline geophysical survey.

The program, just like in 2006, consisted in a high-resolution helicopter-airborne magnetic and radiometric survey. The survey used the same aircraft and equipment as described for the 2006 programs.

The work performed in 2008 amounted to $430,769 and 2,919 line-km covering an area of 351 km^2. The survey in 2008 covered 69% of the portion of the claims held by Oceanic in the Hopes Advance area.

Technical specifications for the helicopter-borne magnetic surveys are summarized in**Erreur ! Aucun nom n'a été donné au signet.**.

Area	Survey Specifications	Date	NTS Sheets
Hopes Advance	Survey line spacing and direction: 150 m, east-west, north-south. Tie line spacing*direction: 1,000 or 1,500 m, east-west, north-south. Average magnetic sensor terrain clearance: 70 m.	2006, 2008	24M04, 24M08, 24N04, 24N05

Table 9.2. Technical Specifications of the Helicopter-borne Magnetic Surveys.

A report with the geophysical interpretation was produced for the survey area with the raw data being supplied. The surveys identified numerous radiometric and magnetic targets areas and the anomalies are summarized as high, moderate and low priority. Anomalies that extended outside of claims optioned in 2010 by Oceanic Iron Ore Corp. would have been added as a result of the magnetic survey.

The data recieved by Joel Simard, consulting geophysicist, was contracted by Oceanic in February, 2011 to compile, review, and reprocess the heli-borne magnetic surveys carried out between 2006 and 2009 by Voisey Bay Geophysics on the Ungava Bay project. Simard provided Oceanic with total field, vertical gradient, and tilt angle maps for all the parcels comprising the Ungava property. (Simard, 2011).

Géophysique TMC of Val-d'Or, Quebec, was contracted by Oceanic to conduct ground magnetic surveys on parts of the Morgan Lake and McOuat areas and an area south of McOuat in May, 2011. The ground magnetic surveys were conducted using a GSM-19 proton precesion magnetometer on 200-m spaced lines. The ground magnetic data were subsequently processed by Simard. Simard provided Oceanic with total field, vertical gradient, and tilt angle magnetic maps of the areas covered by the ground magnetic surveys.

This data was levelled and integrated with the airborne magnetic data filling in gaps in the airborne magnetic surveys (Simard, 2011) Figure 9.1 and 9.2. .

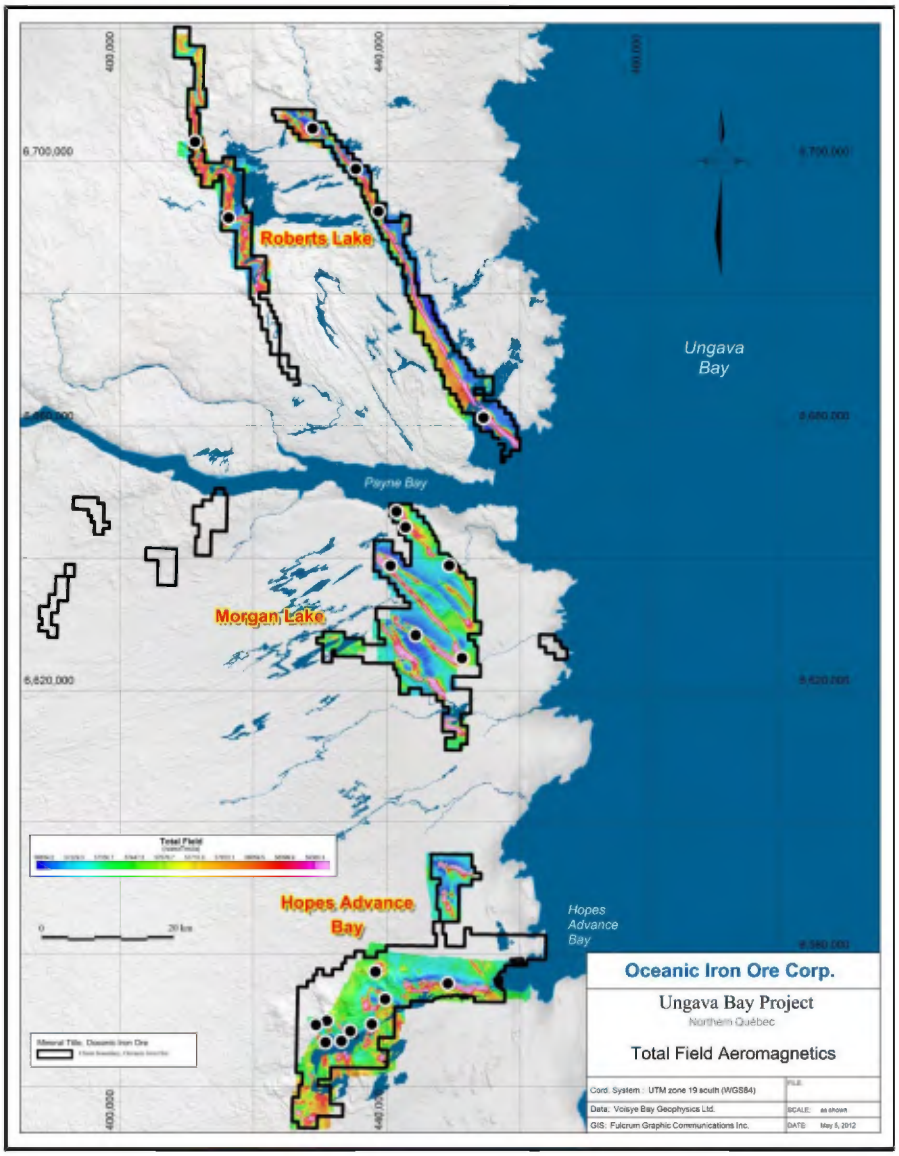


Figure 9.1. Ungava Bay Project Total Field Aeromagnetics.

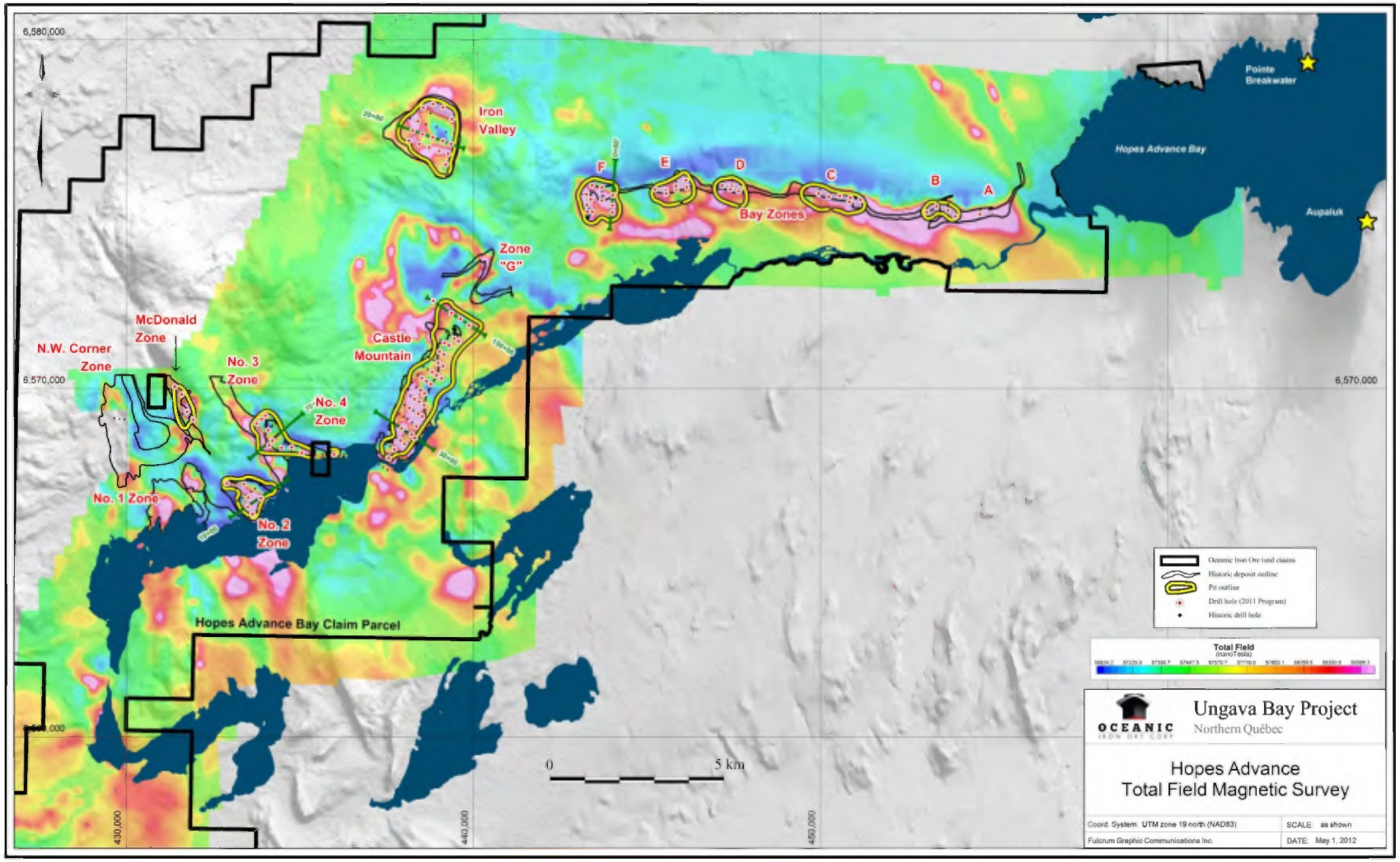


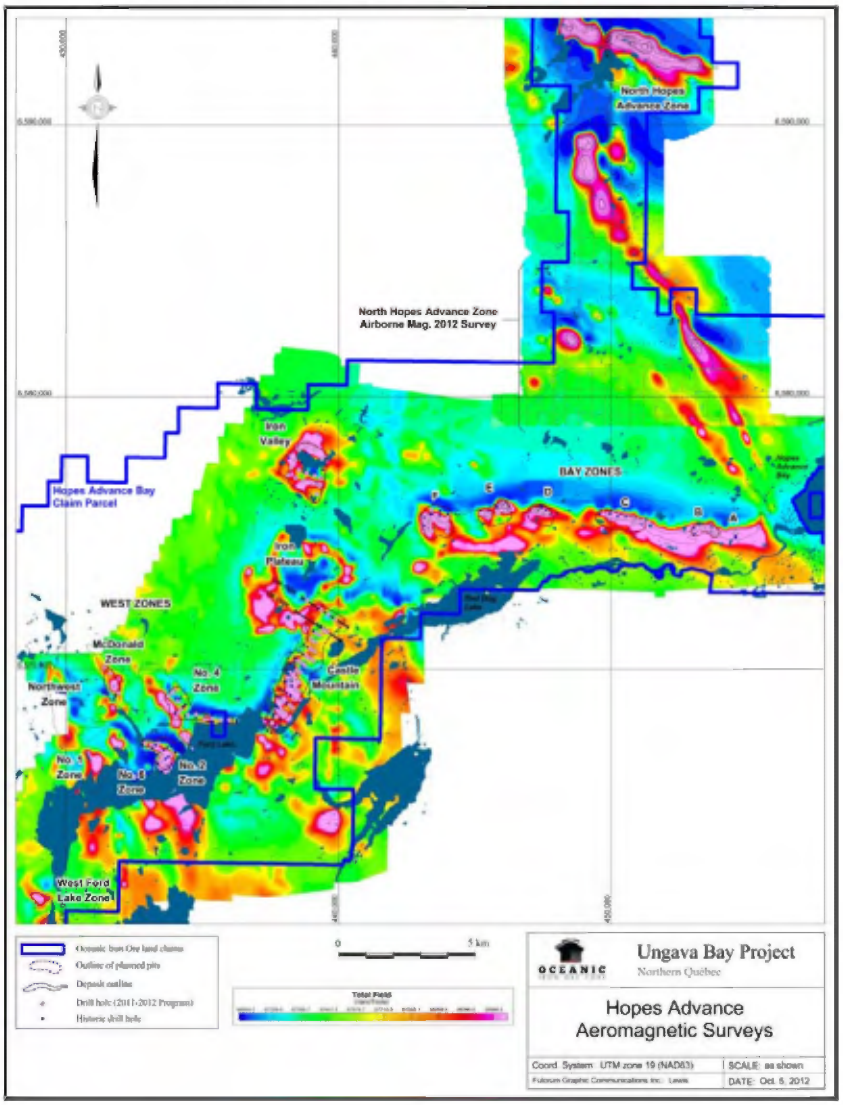
Figure 9.2 Hopes Advance Geophysics.

Mira Geoscience Ltd., of Vancouver, BC, has been contracted by Oceanic to generate 2D/3D models using the magnetic data. The modeling was carried out between July 2001 to February 2012 on the Castle Mountain, Zone 2, Zone 4, Iron Valley and Bay Zone (A, B, C, D, E, and F) and McDonald Zone grids. Information supplied to generate the 3D geophysics models were historical and 2011 drill logs, surface geology, vertical section interpretations and the airborne geophysics carried out from 2006 to 2009. The information gathered helped to better interprete the geophysics and to start generating the 3D modelling of the mineralized zones. They were assisted closely by Eddy Canova and by Wendy Louis, and interpretations were often validated before the finalization of the 3D modelling. The modelling was also used to identify potential drill targets.

Figure 9.3 shows the results of aeromagnetic surveys at Hopes Advance, including the work carried out in 2012 (see below).

Figure 9.3

Aeromagnetic Surveys 2012 Hopes Advance Area



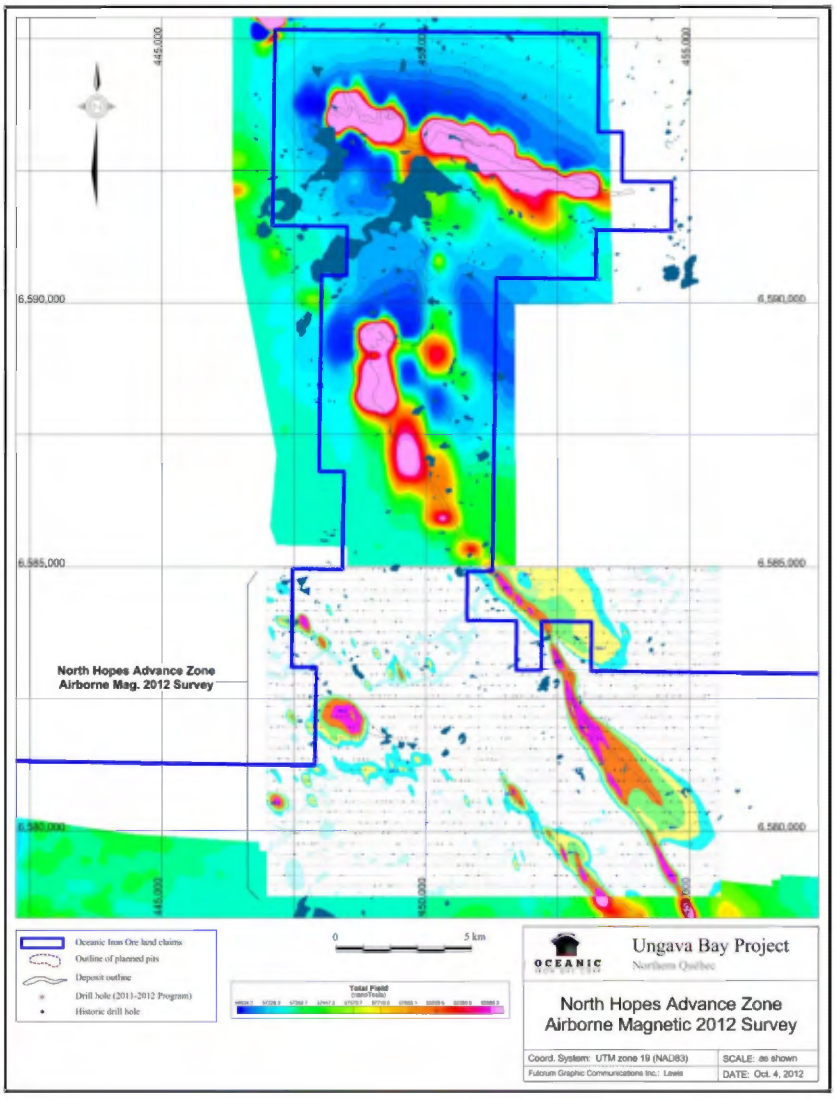
9.1.3 2012 Airborne Geophysical Surveys

On July 31, 2012, K8aranda Geophysics of Wendake, Québec, carried out 288 line-km of high resolution heli-borne magnetic and VLF-EM surveys. The surveys on the eastern part of the Hopes Advance area, on NTS 24N05, were carried out to cover gaps between two blocks that were flown in 2006 and 2008 by Voisey Bay Geophysics and consisted of 32 east-west flight lines 8.5 km long separated at 200 m.

The surveys highlighted a magnetic anomaly stretching north-northwest over a distance of 7 km corresponding with the trace of the iron formation units continuing north of the Hopes Advance Bay Zones (Figure 9.4). A separate report has been submitted for the geophysics carried out in July 2012 describing the survey and the results of the survey and authored by J. Simard P.Geo. August 2012.

Figure 9.4

Airborne Magnetic Survey, 2012, North Hopes Advance



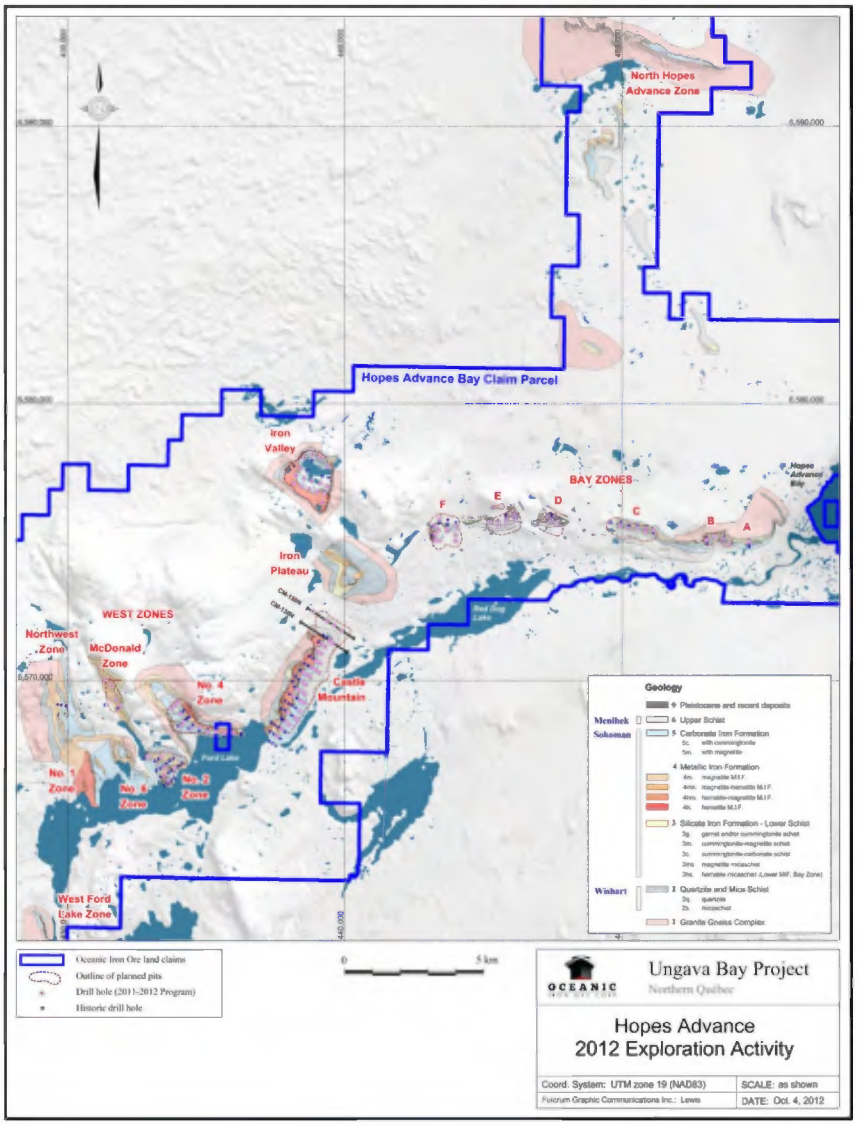
9.1.4 2012 Geological Mapping and Sampling

A mapping program was carried out between 14 June and 1 August, 2012. The mapping focused on 12 areas in the Hopes Advance project see Figure 9.5:

- North Hopes Advance (north of the Bay Zone B).
- Bay Zones (Bay Zone B, Bay Zone C, and Bay zone F).
- North side of Iron Valley.
- Iron Plateau.
- West Zones (Zone 2, Zone 4, Northwest Zone, Zone 1 and Zone 6).
- West Ford Lake area.

Figure 9.5

2012 Hopes Advance Exploration and Mapping Activities.



The 2012 field program included sampling and mapping activities as part of the Company's requirements for claim maintenance. During the 2012 field season 151 samples were collected in the vicinity of the Hopes Advance deposits and sent to SGS for analysis of the oxides and total Fe. Five of these were duplicate samples. Five of the twelve areas were sampled and mapped, focusing on extensions to existing deposits and identification of additional regional exploration targets. Results have been received for all the 151 samples, 113 assayed above 25% Fe. The average grade of samples assaying greater grades than 25% Fe, averaged between 35% and 37% Fe. The twelve mapped areas and the five sampled areas are described below.

The North Hopes Advance area iron formation stretches over a distance of 16.7 km and consists of magnetite (4m), magnetite-hematite (4mh) and hematite-magnetite (4hm) iron formation. The units are gently folded as a series of gently southeasterly-plunging synclines and anticlines. Twenty-nine samples were collected (including one duplicate) and 25 samples returned assays greater than 25% total Fe with an average grade of 36.3% total Fe. The mapping demonstrates ideally gently dipping iron formations with synclinal folds adding and helping to add to the resource potential and being located on the side of slopes.

Bay Zones A, B, C and F were mapped over a ten day period in greater detail to identifying the contacts between the iron formations (4m, 4mh, 4hm), the underlying schists (3sm) and the overlying carbonate-quartz sediments (5acm)(Figure 9.5). Structures such as folds and faults (graben fault structures) were identified and mapped (Figure 9.5). The Bay Zone B, between the drill holes HA-11-063 and HA-11-064 (Map 1), has had the mapping identify that the units generally dip shallowly to the south and southwest. This area has also shown that the iron formations are gently folded with contacts trending west to northwest and changing and curving to north-northeast (Map 1) and being just on the east side of a graben fault structure. On the west side of the graben fault structure and by the drill hole HA-11-063 the iron formation contacts trend west-southwest. This mapping has helped to re-interprete the sections with the drill holes HA-11-063 and HA-11-064. The Bay Zone C the contact was followed along its entirety and located exactly with the garmin gps instruments (Map 1). The contacts trends east-west to west-northwest dipping shallowly to the south. The Bay Zone F had four days of work focused on outlining the lower contacts of the iron formation contact (4m, 4mh and 4hm) with the schists (3sm) and the upper contacts of the iron formation (4m, 4mh and 4hm) with the carbonate-quartzose sediments (5ac). The iron formation demonstrates considerable tight folding and ptygmatic folding with all the folding demonstrating a synclinal structure axis trending and plunging to the southeast.

Iron Valley northern contact of the iron formations (4m, 4hm and 4mh) with the underlying magnetic schists (3sm) and quartzites (2q) and the upper iron formation contact (4m and 4mh) with the quartzose sediments (5a) was better defined, setting the limits of the iron formations. This will also help to define the limits of the pit for the recovering the iron formations.

Iron Plateau iron formations (4m, 4mh) were identified and mapped on the northeast part of the structure. The iron formations (4m and 4mh) are underlain by schists (3sm) and overlain

by carbonate-quartz sediments (5a). The structure extends to the southwest, confirmed by the airborne magnetic surveys (Figure 9.3) and confirmed by the sections CM 130+00N and CM 150+00N; however, there are no outcrops and the area is covered by till. Eleven samples were collected on Iron Plateau and seven samples were in the iron formation with five samples assaying greater than 25% total Fe and averaging 35.6% total Fe (Map 1).

West Zone 2 was mapped to determine the contacts between the iron formation and the carbonate-quartz sediments. A gently rolling contact between the iron formations and the quartzose sediments extends from west to east with synclines and anticline axises trending and plunging south. A number of moderately dipping thrust faults were observed and the faults repeat the units by upthusting lower iron formation units (4hm and 4m) ontop of the quartzose sediments (5a) and the upper iron formation units (4m, 4mh and 4hm). This has as a result thickened the total iron formation units to as much as 125.8 m (HA-11-018) and 101.9 m (HA-11-019). The McDonald Zone also appears to be controlled by a thrust fault that extends from the West Zone 2 to the McDonald Zone (Map 1).

Mapping on West Zone 4 was for a period of four days and the mapping extended the iron formation (4m, 4mh, 4hm) by 1.4 km. The mapping clearly identified the synclinal structure at the West Zone 4 that has a width of 910 m and defined the western limb of the syncline with its iron formations (Figure 9.5). A total of 30 samples were collected (including one duplicate); 28 samples graded above 25% total Fe and averaged 34.8% total Fe.

The Northwest Zone, Zone 1 and Zone 6 extends 4 km north-south and 2.4 km east-west and consist of gently folded and gently dipping iron formations with magnetite (4m) and hematite-magnetite (4hm) iron formations. The iron formations appear to have thicknesses between 30 m to 50 m well exposed with little or no cover and occurring at surface. A total of 32 samples were collected (including two duplicates); 28 samples graded greater than 25% total Fe and averaged 34.9% total Fe.

The West Ford Lake area is located on the extreme west side of Ford Lake. Iron formations were observed trending north-south over 1.1 km and dip to the west at 24° to 32°. The width of the mineralized zone is 110 m. This area has magnetite iron formations (4m) and hematite and hematite-magnetite iron formations (4h and 4hm) with bands of grey and red chert, a characteristic that has not been seen elsewhere on the Hopes Advance project area. A total of 49 samples were collected (including one duplicate); 28 samples assayed greater than 25% total Fe and averaged 35.1% total Fe.

The results of the 2012 mapping program are considered to add future exploration potential in the Hopes Advance project area. The results of the 2012 mapping and sampling program are provided for information purposes only and do not affect the mineral resource estimate on which this prefeasibility study is based.

Outcrop	**Sample**	SiO2%	Fe2O3%	MgO%	CaO%	TiO2%	P2O5%	MnO%	V2O5%	Fe%	Au g/t
HAN7	L217947	38	56.3	2.35	1.52	< 0.01	0.04	1.97	< 0.01	39.4	< 0.02
HAN26	L217948	60.7	37.3	1.96	0.63	< 0.01	0.04	0.14	< 0.01	26.1	< 0.02

HAN27	L217949	30.2	67.3	1.98	1.27	< 0.01	0.07	0.44	< 0.01	47.1	< 0.02
Duplicate	L217950	30	67.2	1.93	1.27	< 0.01	0.08	0.44	< 0.01	47	< 0.02
HAN73	L219151	51.4	44.8	1.91	1.05	< 0.01	0.05	1.28	< 0.01	31.3	< 0.02
HAN73	L219152	41.2	57	1.58	0.35	< 0.01	0.02	0.61	< 0.01	39.9	< 0.02
HAN73	L219153	52	46.5	1.19	0.83	< 0.01	0.02	0.08	< 0.01	32.5	< 0.02
HAN98	L219154	38.1	59.1	3.2	0.38	< 0.01	0.05	0.24	< 0.01	41.4	< 0.02
HAN98	L219155	36.9	63.3	1.13	0.09	< 0.01	0.04	0.12	< 0.01	44.3	< 0.02
HAN103	L219156	42.5	56	2.03	0.61	< 0.01	0.06	0.2	< 0.01	39.2	< 0.02
HAN107	L219157	35.5	61.2	2.99	1.8	< 0.01	0.05	0.26	< 0.01	42.8	< 0.02
HAN131	L219158	54.3	42.2	1.85	1.13	< 0.01	0.06	0.42	< 0.01	29.6	< 0.02
HAN131	L219159	58.5	39.1	0.44	0.92	< 0.01	0.02	0.58	< 0.01	27.3	< 0.02
HAN164	L219160	95.5	1.12	0.1	0.24	0.02	0.02	< 0.01	< 0.01	0.78	< 0.02
HAN172	L219161	47.6	41.5	3.5	6.51	0.02	0.03	0.36	< 0.01	28.7	< 0.02
HAN230	L219162	49.2	33.6	2.67	0.48	0.34	0.1	3.74	0.01	23.5	< 0.02
HAN239	L219163	33.4	64.3	2.3	1.47	< 0.01	0.04	0.28	< 0.01	45	< 0.02
HAN245	L219164	48.7	48.9	2.06	0.22	< 0.01	< 0.01	0.04	< 0.01	34.2	< 0.02
HAN281	L219165	44	53.3	1.74	1.04	< 0.01	0.02	0.36	0.01	37.3	< 0.02
HAN313	L219166	56.8	42.4	1.55	0.1	< 0.01	0.02	0.1	< 0.01	29.7	< 0.02
HAN314	L219167	43.8	50.1	2.72	1.03	< 0.01	0.02	0.56	< 0.01	35.1	< 0.02
NW3	L219168	24.1	73.4	0.08	0.04	0.03	< 0.01	0.67	< 0.01	51.4	0.03
NW4	L219169	60.6	33.4	0.09	2.84	< 0.01	< 0.01	0.22	< 0.01	23.3	< 0.02
NW5	L219170	67.4	26.5	1.73	1.46	< 0.01	0.01	0.38	< 0.01	18.5	< 0.02
NW11	L219171	51.2	45.5	3.03	0.77	< 0.01	< 0.01	0.25	< 0.01	31.8	0.03
NW12	L219172	32.1	60.3	1.54	1.94	0.05	0.07	0.81	< 0.01	42.2	0.02
NW22	L219173	42.9	51.6	1.88	1.47	0.09	0.11	0.38	0.01	36.1	< 0.02
NW24	L219174	41.5	49.3	1.74	0.24	< 0.01	0.01	5.49	< 0.01	34.5	< 0.02
Duplicate	L219175	41.5	48.6	1.77	0.24	< 0.01	< 0.01	5.5	< 0.01	34	< 0.02
NW25	L219176	60.6	37.3	0.18	0.57	< 0.01	0.02	0.11	< 0.01	26.1	< 0.02
NW33	L219177	29.6	68.5	0.37	0.76	0.02	< 0.01	0.6	< 0.01	47.9	0.02
HAW06	L217901	75.2	2.22	1.01	2.46	0.13	0.2	< 0.01	< 0.01	1.55	< 0.02
HAW08	L217902	51	12.6	5.36	7.95	1.15	0.25	0.15	0.03	8.82	< 0.02
HAW10	L217903	71.5	2.35	0.61	2.05	0.22	0.05	< 0.01	< 0.01	1.64	< 0.02
HAW22	L217904	43.1	23.4	6.19	5.79	< 0.01	0.01	0.53	< 0.01	16.4	< 0.02
HAW28	L217905	58.4	23.4	4.01	0.61	< 0.01	< 0.01	0.25	< 0.01	16.4	< 0.02
HAW28	L217906	60.4	37.4	0.45	0.67	< 0.01	0.01	0.03	< 0.01	26.2	< 0.02
HAW31	L217907	41.2	35.5	0.58	4.35	< 0.01	0.07	9.11	< 0.01	24.8	< 0.02
HAW32	L217908	49.1	50.1	0.43	0.86	< 0.01	0.02	0.19	< 0.01	35	< 0.02
HAW33	L217909	61.2	36.2	0.11	0.13	< 0.01	0.01	1.95	< 0.01	25.3	< 0.02
HAW31	L217910	46	42.3	0.21	0.66	< 0.01	0.03	9.08	< 0.01	29.6	< 0.02
HAW34	L217911	21.4	68.9	0.62	0.45	< 0.01	0.02	5.45	< 0.01	48.2	< 0.02

HAW36	L217912	61	35.1	0.94	1.4	< 0.01	0.01	0.1	< 0.01	24.6	< 0.02
HAW37	L217913	53.1	45	0.59	0.64	< 0.01	0.02	0.11	< 0.01	31.5	< 0.02
HAW38	L217914	38.6	59.8	0.42	0.78	< 0.01	< 0.01	0.17	< 0.01	41.8	< 0.02
HAW39	L217915	35.8	60	1.54	1.54	< 0.01	0.02	0.31	< 0.01	42	< 0.02
HAW40	L217916	37.7	49	0.37	0.6	< 0.01	< 0.01	11.3	< 0.01	34.3	< 0.02
HAW42	L217917	30.9	65.7	2.12	0.09	< 0.01	0.02	1.53	< 0.01	46	< 0.02
HAW43	L217918	76.8	15.9	0.4	2.47	< 0.01	0.03	1.61	< 0.01	11.1	< 0.02
HAW48	L217919	71.8	25	2.67	0.06	0.01	< 0.01	0.49	< 0.01	17.5	< 0.02
HAW54	L217920	38.6	49.1	2.94	0.89	< 0.01	0.01	5.53	< 0.01	34.3	< 0.02
HAW56	L217921	45.4	54.4	0.2	0.32	< 0.01	0.02	0.46	< 0.01	38.1	< 0.02
HAW	L217922	57.6	39.9	0.9	0.35	< 0.01	< 0.01	0.08	< 0.01	27.9	< 0.02
HAW	L217923	50	47.3	0.64	1.27	< 0.01	0.02	0.02	< 0.01	33.1	< 0.02
HAW	L217924	32.1	57.6	1.08	0.7	< 0.01	0.02	4.4	< 0.01	40.3	< 0.02
Duplicate	L217925	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR	---
HAW	L217926	31.1	50.9	0.79	3.26	< 0.01	0.03	6.47	< 0.01	35.6	< 0.02
HAW	L217927	48.5	47.1	1.01	1.39	0.06	0.06	0.52	< 0.01	32.9	< 0.02
HAW	L217928	36.6	39.6	4.35	1.19	< 0.01	0.02	0.73	< 0.01	27.7	< 0.02
HAW	L217929	50	40.9	1.49	0.32	< 0.01	0.01	3.67	< 0.01	28.6	< 0.02
HAW	L217930	40.4	57.8	0.6	1.01	< 0.01	0.02	0.39	< 0.01	40.5	< 0.02
HAW	L217931	61.7	34.7	2.33	0.5	0.03	0.01	0.39	< 0.01	24.3	< 0.02
HAW	L217932	54.2	39.3	2.17	1.05	0.06	0.05	1.08	< 0.01	27.5	< 0.02
HAW	L217933	54.5	39.4	2.73	0.83	0.06	0.06	1.07	< 0.01	27.6	< 0.02
HAW	L217934	57.5	38	0.81	1.34	0.03	0.05	0.47	< 0.01	26.6	< 0.02
HAW	L217935	61.5	35.4	0.53	0.58	0.03	0.06	0.33	< 0.01	24.7	< 0.02
HAW	L217936	28.3	66.3	0.45	1.11	0.02	0.04	1.8	< 0.01	46.3	< 0.02
HAW	L217937	29	54.7	0.14	4.04	< 0.01	0.04	7.23	< 0.01	38.3	< 0.02
HAW	L217938	36	60	0.6	1.39	< 0.01	0.03	0.78	< 0.01	42	< 0.02
HAW	L217939	49.4	48.3	0.73	1.22	< 0.01	0.02	0.21	< 0.01	33.8	< 0.02
HAW	L217940	37.7	59.5	0.68	0.75	< 0.01	0.02	0.79	< 0.01	41.6	< 0.02
HAW83	L217941	52.3	11	9.16	9.73	0.83	0.2	0.16	0.02	7.7	< 0.02
HAW98	L217942	43.5	14.2	24.8	4.06	0.28	0.03	0.18	0.03	9.91	< 0.02
HAW101	L217943	48.4	14.6	7.77	9.45	1.24	0.09	0.2	0.05	10.2	< 0.02
HAW105	L217944	49.4	14.3	7.12	8.87	1.26	0.1	0.19	0.05	10	< 0.02
HAW106	L217945	50.8	14.5	7.04	7.45	1.34	0.12	0.2	0.05	10.1	< 0.02
HAW108	L217946	48.6	14	8.09	9.47	1.1	0.1	0.19	0.05	9.76	< 0.02
HAW	L221501	53.8	8.89	3.74	3.24	0.83	0.42	0.09	0.03	6.22	< 0.02
HAW	L221502	89.8	6.44	0.89	0.32	0.39	< 0.01	0.04	< 0.01	4.5	< 0.02
HAW	L221503	59.3	30.2	4.5	1.6	0.77	0.02	0.46	0.02	21.1	< 0.02
N Zone	L219201	43.6	52.3	2.75	1.56	0.01	0.04	0.08	< 0.01	36.6	< 0.02
N Zone	L219202	49.2	13.4	6.92	11.2	1.11	0.08	0.19	0.05	9.35	< 0.02

N Zone	L219203	47.3	49.6	3.01	1.38	< 0.01	0.06	0.19	< 0.01	34.7	< 0.02
N Zone	L219204	41.8	54.5	2.81	1.39	< 0.01	0.1	0.4	< 0.01	38.1	< 0.02
N Zone	L219205	33.7	62.3	3.02	2.49	< 0.01	0.06	0.19	< 0.01	43.6	< 0.02
N Zone	L219206	49.9	48.9	0.81	0.25	< 0.01	0.03	0.01	< 0.01	34.2	< 0.02
N Zone	L219207	45.3	50	3.04	1.7	0.02	0.05	0.54	< 0.01	35	< 0.02
N Zone	L219208	47.3	48.3	3.18	1.39	0.01	0.06	0.32	< 0.01	33.8	< 0.02
NW-WZ1	L219209	48.6	49	0.43	0.91	< 0.01	0.01	0.22	< 0.01	34.3	< 0.02
NW-WZ1	L219210	43.3	51	1.15	2.17	< 0.01	< 0.01	0.11	< 0.01	35.7	< 0.02
NW-WZ1	L219211	55.1	34	1.36	4.36	< 0.01	< 0.01	0.19	< 0.01	23.7	< 0.02
NW-WZ1	L219212	52.7	42.5	0.75	1.84	< 0.01	< 0.01	0.13	< 0.01	29.7	< 0.02
NW-WZ1	L219213	40.9	49.5	1.75	3.42	< 0.01	< 0.01	0.37	< 0.01	34.6	< 0.02
NW-WZ1	L219214	39.1	54	0.56	0.76	< 0.01	0.02	2.84	< 0.01	37.8	< 0.02
NW-WZ1	L219215	35.8	57.4	0.49	0.35	< 0.01	0.02	4.76	< 0.01	40.2	0.03
NW-WZ1	L219216	59.5	40.9	0.21	0.16	< 0.01	0.02	0.02	< 0.01	28.6	< 0.02
NW-WZ1	L219217	34	55.8	1.18	2.84	< 0.01	0.03	1.91	< 0.01	39	< 0.02
NW-WZ1	L219218	45.7	46.3	0.1	3.96	< 0.01	0.02	0.77	< 0.01	32.4	< 0.02
NW-WZ1	L219219	33.8	59.1	1.32	2.08	< 0.01	0.03	1.09	< 0.01	41.4	0.02
NW-WZ1	L219220	36.5	60.5	0.16	0.71	< 0.01	0.01	1.3	< 0.01	42.3	< 0.02
NW-WZ1	L219221	48.2	48.9	0.53	1.24	< 0.01	0.03	0.48	< 0.01	34.2	< 0.02
NW-WZ1	L219222	61.8	34.9	1.82	0.48	< 0.01	< 0.01	0.11	< 0.01	24.4	< 0.02
NW-WZ1	L219223	55.8	39.7	0.39	1.31	< 0.01	0.03	0.95	< 0.01	27.7	< 0.02
NW-WZ1	L219224	45.9	46	2.3	1.6	0.07	0.08	0.74	< 0.01	32.1	< 0.02
NW-WZ1	L219225	36.1	63.4	0.08	0.04	0.02	0.02	1.41	< 0.01	42.5	< 0.02
Duplicate	L219226	33.4	65.6	0.08	0.05	0.02	0.03	1.5	< 0.01	43.9	< 0.02
NW-WZ1	L219227	41.8	54.8	0.78	1.32	< 0.01	0.02	0.71	< 0.01	36.7	< 0.02
NW-WZ1	L219228	56.3	40.7	0.73	1.34	< 0.01	< 0.01	0.16	< 0.01	27.3	< 0.02
NW-WZ1	L219229	47.1	44.7	2.21	3.09	< 0.01	0.05	1.37	< 0.01	30	< 0.02
NW-WZ1	L219230	43	46.7	1.73	3.17	0.08	0.09	1.1	< 0.01	31.3	< 0.02
IP Tr-3.2	L217883	48	32.2	3.15	0.85	1.7	0.3	1.2	0.02	21.6	< 0.02
IP Tr-3.3	L217884	53.6	32.3	0.22	7.87	0.01	0.01	0.4	< 0.01	21.6	< 0.02
IP Tr-3.5	L217885	41.3	52.2	1.29	3.44	< 0.01	0.01	0.52	< 0.01	35	< 0.02
IP Tr-4.4	L217886	50.6	48.7	0.76	0.1	< 0.01	0.01	0.07	< 0.01	32.6	< 0.02
IP Tr-5.6	L217887	44.5	54.9	0.17	0.39	< 0.01	0.02	0.28	< 0.01	36.8	< 0.02
IP Tr-6.5	L217888	32	56.6	2.04	5.18	< 0.01	0.05	0.79	< 0.01	37.9	< 0.02
IP Tr-7.2	L217889	46.7	53.5	0.71	0.19	< 0.01	0.02	0.11	< 0.01	35.8	< 0.02
IP-005	L217890	41.1	25.2	6.01	1.3	1.33	0.03	0.81	0.06		< 0.02
IP-006	L217891	51	23.3	3.83	0.52	0.62	0.05	0.58	0.04		< 0.02
IP-007	L217892	51.6	19.1	5.42	0.73	1.41	0.03	0.49	0.05		< 0.02
IP	L217893	43.9	20.3	4.78	5.34	1.17	0.07	0.59	0.06		< 0.02

Z4T1-1	L217853	31.5	59.7	0.68	3.33	< 0.01	0.03	1.96	< 0.01	41.8	
Z4T2-2	L217854	66.5	28.8	0.33	2.49	< 0.01	< 0.01	0.14	< 0.01	20.1	
Z4	L217855	58.6	35.7	1.95	1.81	< 0.01	0.02	0.16	< 0.01	25	
Z4T2-3	L217856	42.2	52	0.73	1.67	< 0.01	< 0.01	1.67	< 0.01	36.4	
Z4T2-4	L217857	46.1	46.9	0.47	2.38	< 0.01	0.02	1.83	< 0.01	32.8	
Z4T2-5	L217858	41.1	53.2	2.94	1.09	< 0.01	< 0.01	0.62	< 0.01	37.2	
Z4T2-6	L217859	41.9	54.6	0.86	1.52	< 0.01	0.01	0.58	< 0.01	38.2	
Z4T3-2	L217860	40.4	50.1	0.77	2.75	< 0.01	0.02	1.89	< 0.01	35	
Z4T3-3	L217861	45.3	52.1	1.82	0.67	< 0.01	0.02	0.25	< 0.01	36.5	
Z4T3-4	L217862	47	40.4	0.47	2.17	< 0.01	< 0.01	5.3	< 0.01	28.2	
Z4T3-5	L217863	34.9	56.5	1.18	3.09	< 0.01	0.02	1.38	< 0.01	39.5	
Z4T4-3	L217864	55.7	41.6	0.61	1.22	< 0.01	0.02	0.23	< 0.01	29.1	
Z4T4-5	L217865	49.2	50.1	0.21	0.77	< 0.01	< 0.01	0.07	< 0.01	35	
Z4	L217866	44.3	49.9	1.27	2.32	< 0.01	0.01	0.28	< 0.01	34.9	
Z4T4-6	L217867	51.3	42.6	1.39	2.32	< 0.01	< 0.01	0.19	< 0.01	29.8	
Z4T5-3	L217868	34.1	60.7	3.32	1.52	< 0.01	0.02	0.54	< 0.01	42.5	
Z4T5-4	L217869	35.9	56	1.03	2.82	< 0.01	0.05	1.16	< 0.01	39.2	
Z4T5-6	L217870	36.4	62.9	0.12	0.88	< 0.01	0.02	0.4	< 0.01	44	
Z4T5-9	L217871	37.2	55.5	1.03	1.96	< 0.01	0.02	1.76	< 0.01	38.9	
Z4T6-2	L217872	41.4	50.9	0.64	2.68	< 0.01	0.02	1.34	< 0.01	35.6	
Z4T6-3	L217873	45.1	47.1	0.83	2.97	< 0.01	0.01	0.65	< 0.01	32.9	
Z4	L217874	53.4	43.8	0.49	0.86	< 0.01	0.02	0.28	< 0.01	30.6	
Duplicate	L217875	52.8	43.9	0.49	0.87	< 0.01	0.02	0.27	< 0.01	30.7	
Z4T7-5	L217876	54.4	38	1.33	2.71	< 0.01	< 0.01	0.2	< 0.01	26.6	
Z4T8-2	L217877	32.2	65.8	0.71	0.6	< 0.01	0.02	0.27	< 0.01	46.1	
Z4T8-3	L217878	52.4	45.8	0.33	1.14	< 0.01	0.01	0.25	< 0.01	32	
Z4T8-7	L217879	47.6	50.5	0.45	1.04	< 0.01	0.02	0.34	< 0.01	35.4	
Z4T9-2	L217880	41.8	51.6	1.87	0.47	0.02	< 0.01	2.1	< 0.01	36.1	
Z4T12-1	L217881	48.7	40.2	1.57	2.06	0.16	0.05	0.89	< 0.01	27	< 0.02
Point B	L217882	58.6	40.8	0.25	0.46	0.02	0.02	0.19	< 0.01	27.3	< 0.02
Duv-9	L221504	50.4	15.5	6.61	8.56	1.51	0.15	0.22	0.04	10.4	< 2
Duv-1	L221505	69.6	24.7	3.35	0.55	0.02	0.11	0.64	< 0.01	16.6	< 2
Vez-1	L221506	46.6	10.8	24.6	6.15	0.35	0.03	0.15	0.03	7.23	< 2
Bonenf	L221507	49.9	14.3	5.54	10.3	0.76	0.25	0.24	0.04	9.59	< 2
Ox-02	L221508	48	11.6	7.3	15.3	0.62	0.05	0.26	0.04	7.75	< 2

Table 9.3. Sampling and assay results of surface samples at Hopes Advance.

10.0 DRILLING

10.1 HISTORICAL DRILL CORE

All of the historical drilling on the various deposits contained within the Ungava Iron property was conducted in the 1950s and 1960s. The drilling practices may have been in compliance with industry standards in place at that time but they cannot be validated or compared to current norms. A description of the historical drilling conducted on the property is provided on Section 6.0 and the historical logs are also entered in to the database for the company and presented in the appendices within this report.

The remnants of the exploration camp and core racks which were situated near the Castle Mountain deposit and located on Ford Lake, have all been removed by KRG and the sites have been kept clean. Therefore, all of the old core has been spilled on the ground and there is nor core boxes and core that was recovered.

Based on the few core boxes that were left on site it was observed that:
Core was placed in metal trays.
Drill core diameter was typically small diameter (22 mm; AX or EX diameter).
Drill hole number and hole depths were marked on the trays.
Core was split in half for sampling, with one half retained in the core box.

The majority of the old drill site locations were identified in the field and marked by wooden pegs or drill rod casings in the original drill hole site and identified with an aluminum tage identifying the number of the drill hole. On occassionally some sites the drill pad locations can be distinguished by the ground having been disturbed. Some of the old drill sites had drilling equipement left on the drill site. The old drill hole sites have been re-surveyed by a surveyor contractor from Val-d'Or. All of the survey collar locations were re-entered on the drill hole database.

Based on the reports that describe the drilling programs in the 1950s and 1960s, no downhole surveys were completed. Most holes were relatively short, averaging less than 70 m.

All the drill hole collar locations, hole orientations, geological logs, apparent dip of the stratigraphy, assays, surface collar maps, and sections are available for all the historical drill holes.

10.2 DRILLING UNDERTAKEN BY OCEANIC

In 2011, Oceanic carried out an exploration drilling program on the Hopes Advance project areas. The drilling program consisted of 113 NQ diamond drill holes for 11,515.9 m which commenced on March 25, 2011 and ended on September 4, 2011. The drill holes were designed to penetrate the oxide portion of the iron formation and were completed, in most cases, in the underlying mica schist, quartzite, or granite-gneiss. The locations of the Oceanic drill holes, as well as the historic holes, were all surveyed and shown on Figure 10.1.

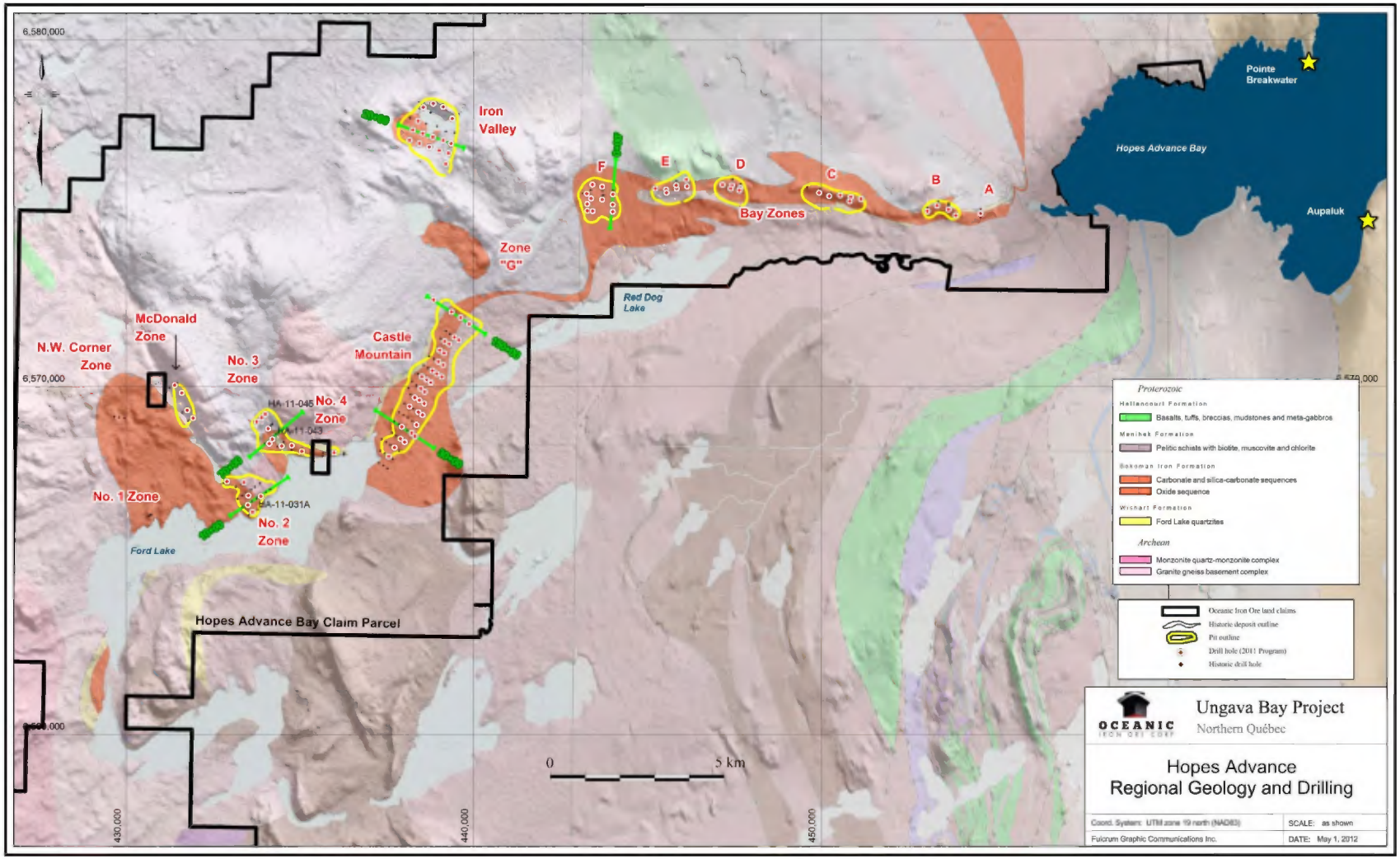


Figure 10.1. Map Showing Deposits and Locations of 2011 Drill Hole at Hopes Advance.

The drilling program was performed by Forage G4 Drilling of Val-d'Or, Québec with heli-portable diamond drill rigs. The overburden was drilled with NW rods and the casing was secured in bedrock. The bedrock was drilled with NQ rods and a 3 m core barrel. The core was stored in wooden core boxes with a wooden block inserted at the end of each run or every 3 m. The location of the drill hole collars was surveyed by J.L. Corriveau & Associates Inc. of Val-d'Or, Quebec. The core is stored in Val-d'Or, Quebec. The drill program is summarized in Table 10.1. There are in all 113 diamond drill holes with 43 exploration holes, 65 twin drill holes and 5 holes were not successful.

Area	No. Of Exploration Holes	No. Of Twinned Holes	Total No. Of Holes	Total Metres
Castle Mountain	20	18	38	3,882.4
Iron Plateau	1	0	1	57.0
Zone 2	0	6	6	697.3
Zone 4	4	7	11	829.2
Iron Valley	7	10	17	1,524.0
Bay Zone F	6	5	11	1,669.2
Bay Zone E	4	4	8	877.7
Bay Zone D	2	3	5	619.1
Bay Zone C	2	5	7	638.0
Bay Zone B	1	3	4	381.0
Bay Zone A	0	1	1	60.0
McDonald	1	3	4	281.0
Total	**48**	**65**	**113**	**11,515.9**

Table 10.1. Hopes Advance Area, 2011 Drilling Statistics.

Area	No. Of Geotech + Explor Holes	No. Of Unsuccessful Holes	Total No. Of Holes	Total Metres
Hopes Advance	5	3	8	100.5
Total	**5**	**3**	**8**	**100.5**

Table 10.1A. Hopes Advance, 2012 Drilling Statistics.

Data relating to the drilling program are summarized in Table 10.2.

Hole Number	Length (m)	Azimuth (°)	Dip (°)	Grid
HA-11-001	10	302	-88	Castle Mtn.
HA-11-001[a]	32	302	-88	Castle Mtn.
HA-11-001[a']	12	302	-88	Castle Mtn.
HA-11-001b	191	302	-88	Castle Mtn.
HA-11-002	139.4	302	-88	Castle Mtn.
HA-11-003	96.7	0	-90	Castle Mtn.
HA-11-004	95	0	-90	Castle Mtn.
HA-11-005	85.7	0	-90	Castle Mtn.
HA-11-006	89	0	-90	Castle Mtn.
HA-11-007	83	0	-90	Castle Mtn.

Hole Number	Length (m)	Azimuth (°)	Dip (°)	Grid
HA-11-008	95	0	-90	Castle Mtn.
HA-11-009	22.6	0	-90	Castle Mtn.
HA-11-009[a]	101	0	-90	Castle Mtn.
HA-11-010	137	0	-90	Castle Mtn.
HA-11-011	125	0	-90	Castle Mtn.
HA-11-012	86	0	-90	Castle Mtn.
HA-11-013	119	0	-90	Castle Mtn.
HA-11-014	92.1	0	-90	Castle Mtn.
HA-11-015	50	0	-90	Castle Mtn.
HA-11-016	77	0	-90	Castle Mtn.
HA-11-017	56	0	-90	Castle Mtn.
HA-11-067	98	302	-88	Castle Mtn.
HA-11-068	140	0	-90	Castle Mtn.
HA-11-069	152.3	302	-88	Castle Mtn.
HA-11-070	189.4	302	-90	Castle Mtn.
HA-11-071	165.6	302	-88	Castle Mtn.
HA-11-072	155.5	302	-90	Castle Mtn.
HA-11-073	126	302	-90	Castle Mtn.
HA-11-074	12	0	-90	Castle Mtn.
HA-11-074[a]	131.1	0	-90	Castle Mtn.
HA-11-075	153	0	-90	Castle Mtn.
HA-11-076	132	302	-85	Castle Mtn.
HA-11-077	102	302	-85	Castle Mtn.
HA-11-078	99	302	-85	Castle Mtn.
HA-11-079	120	302	-85	Castle Mtn.
HA-11-080	99	302	-88	Castle Mtn.
HA-11-081	90	0	-90	Castle Mtn.
HA-11-082	123	0	-90	Castle Mtn.
IP-11-001	57	0	-90	Iron Plateau
HA-11-018	171.8	0	-90	Zone 2
HA-11-019	144	0	-90	Zone 2
HA-11-020	111	0	-90	Zone 2
HA-11-021	150	0	-90	Zone 2
HA-11-022	74	0	-90	Zone 2
HA-11-033	46.5	0	90	Zone 2
HA-11-023	58	7.25	-60	Zone 4
HA-11-026	80.4	1.15	-58.9	Zone 4
HA-11-027	54.25	095	-59.5	Zone 4
HA-11-028	89.5	50	-90	Zone 4
HA-11-029	62	48.15	-57.2	Zone 4
HA-11-030	116	50	-88	Zone 4
HA-11-031[a]	20	50	-73	Zone 4
HA-11-031B	69	50	-73	Zone 4
HA-11-066	92	47.15	-58.1	Zone 4
HA-11-032	96	47.25	-60	Zone 4
HA-11-065	92	45.35	-59.6	Zone 4
HA-11-034	99	0	-90	Iron Valley
HA-11-035	101	0	-90	Iron Valley
HA-11-036	95.0	0	-90	Iron Valley
HA-11-037	52.5	0	-90	Iron Valley

Hole Number	Length (m)	Azimuth (°)	Dip (°)	Grid
IV-11-001	81	0	-90	Iron Valley
IV-11-02	117	0	-90	Iron Valley
IV-11-003	78	0	-90	Iron Valley
IV-11-004	21	0	-90	Iron Valley
IV-11-004[a]	102.3	0	-90	Iron Valley
IV-11-005	95	0	-90	Iron Valley
IV-11-006	48.1	0	-90	Iron Valley
IV-11-07	106.4	0	-90	Iron Valley
IV-11-08	81	0	-90	Iron Valley
IV-11-009	96	0	-90	Iron Valley
IV-11-010	57	0	-90	Iron Valley
IV-11-011	143.85	0	-90	Iron Valley
IV-11-012	150	0	-90	Iron Valley
HA-11-038	116	0	-90	Hope Bay F
HA-11-039	128.45	0	-90	Bay Zone F
HA-11-040	134.5	0	-90	Bay Zone F
HA-11-041	183	0	-90	Bay Zone F
HA-11-042	147	0	-90	Bay Zone F
HA-11-043	146	0	-90	Bay Zone F
BF-11-001	69	268.7	-90	Bay Zone F
BF-11-002	132	268.7	-90	Bay Zone F
BF-11-004	161.2	0	-90	Bay Zone F
BF-11-005	246	0	-90	Bay Zone F
BF-11-006	206	0	-90	Bay Zone F
HA-11-044	119	348.2	-45	Bay Zone E
HA-11-045	77	352.2	-47.8	Bay Zone E
HA-11-046	92	352.2	-45	Bay Zone E
HA-11-047	96	352.2	-45	Bay Zone E
HA-11-048	153	350.7	-43.3	Bay Zone E
HA-11-049	189.7	344.7	-62	Bay Zone E
BE-11-001	7	355.2	-73.5	Bay Zone E
BE-11-001[a]	144	355.2	-73.5	Bay Zone E
HA-11-050	110	14.1	-45	Bay Zone D
HA-11-051	113	16	-45	Bay Zone D
HA-11-052	138	19.7	-70.9	Bay Zone D
HA-11-053	119	20	-46	Bay Zone D
HA-11-054	139.1	20	-65	Bay Zone D
HA-11-055	122.8	12.2	-45	Bay Zone C
HA-11-056	62	13.7	-42.5	Bay Zone C
HA-11-056[a]	146	13.7	-44.6	Bay Zone C
HA-11-057	83	8.7	-45	Bay Zone C
HA-11-058	38.5	8.7	-45	Bay Zone C
HA-11-059	105	4.4	-44	Bay Zone C
HA-11-060	81	4.7	-45	Bay Zone B
HA-11-061	75	3.2	-45	Bay Zone B
HA-11-062	57	3.7	-45	Bay Zone B
HA-11-063	132	2.5	-45	Bay Zone B
BB-11-001	117	0	-45	Bay Zone A
HA-11-064	60	0.7	-45	McDonald
MC-11-001	69	55	-60	McDonald

Hole Number	Length (m)	Azimuth (°)	Dip (°)	Grid
MC-11-040	55.55	55	-60	McDonald
MC-11-045	81	55	-60	McDonald
MC-11-060	75.05	55	-60	McDonald
BH-12-01A	3.0	0	-90	Hopes Advance
BH-12-01B	10.5	0	-90	Hopes Advance
BH-12-02	10.5	0	-90	Hopes Advance
BH-12-03A	13.5	0	-90	Hopes Advance
BH-12-03B	15.0	0	-90	Hopes Advance
BH-12-03C	18.5	0	-90	Hopes Advance
BH-12-04	14.5	0	-90	Hopes Advance
BH-12-05	15.0	0	-90	Hopes Advance

Table 10.2. Summary Drill Hole Data, 2011 Drilling Program and 2012 Geotechnical and Condemnation Drilling Program.

10.2.1 Hopes Advance Bay

In the Hopes Advance Bay area, 113 diamond holes were drilled for a total of 11,515.9 m. The areas drilled as part of the Hopes Advance drilling program including the areas Castle Mountain, Zone 4, Zone 2, Iron Valley, Bay Zones (A, B, C, D, E and F), and the McDonald Zone. Sixty-seven of the the drill holes in this program were twins of historical drill holes and 48 holes were exploration holes of which five were not successful. A few holes had to be repeated due to technical drilling difficulties. The 2011 drilling is summarized in the Table 10.1 and 10.2 and data relating to the drilling program are summarized in Table 10.2. Total Results presented on the Table 10.3.

2011 Results						Historic Drill Hole Results (1954 – 1957)						
DDH	From (m)	To (m)	Width (m)	True Width (m)	Fe Total (%)	Soluble Fe (%)	DDH	From (m)	To (m)	Width (m)	True Width (m)	Zone
HA-11-001B	58.00	121.00	63.00	62.04	31.1							Castle
HA-11-002	30.60	136.00	105.40	103.79	33.4							Castle
HA-11-003	36.85	96.70	59.85	58.94	34.0	35.4	P34	36.58	96.32	59.74	58.83	Castle
HA-11-004	10.67	83.76	73.09	63.13	32.3	34.9	P49	10.67	83.76	73.09	65.98	Castle
HA-11-005	21.65	79.55	57.90	57.02	34.6	34.9	P35	19.81	79.85	60.04	59.14	Castle
HA-11-006	28.30	71.00	42.70	41.05	31.3	30.8	P28	27.43	82.30	54.87	54.04	Castle
HA-11-007	0.20	64.40	64.20	63.22	32.6	34.5	P27	7.92	59.83	67.06	59.14	Castle
HA-11-008	11.70	75.10	63.40	62.44	32.6	33.4	P47	10.67	74.68	64.01	63.03	Castle
HA-11-009A	6.00	20.00	14.00	13.79	31.9	35.1	P68	3.51	26.52	23.01	21.62	Castle
HA-11-009A	42.50	78.00	35.50	34.96	32.2	29.7	P68	46.53	99.67	53.04	49.84	Castle
HA-11-010	39.20	128.70	89.50	84.10	31.6	35.5	P70	39.62	89.00	49.38	48.63	Castle
HA-11-011	48.43	119.00	70.57	69.86	32.4	34.4	P67	45.72	93.27	47.55	46.83	Castle
HA-11-012	4.40	70.00	65.60	63.65	29.2	29.2	P90	4.97	79.25	74.28	73.15	Castle
HA-11-013	6.25	76.60	70.35	67.28	31.0	31.2	P69	6.10	77.72	71.62	68.49	Castle
HA-11-014	32.10	73.00	40.90	40.28	34.2	32.6	P94	33.53	91.44	57.91	57.03	Castle
HA-11-015	9.40	39.40	30.00	29.54	29.6	31.2	P79	9.14	38.10	28.96	28.52	Castle
HA-11-016	20.80	44.00	23.20	22.85	33.4	34.6	P75	22.86	44.20	21.34	21.02	Castle
HA-11-017	14.20	46.10	31.90	31.42	31.4	32.44	P78	15.24	50.29	35.05	34.52	Castle
HA-11-067	32.80	94.60	61.80	59.67	36.3							Castle

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2011 Results						Historic Drill Hole Results (1954 – 1957)						
DDH	From (m)	To (m)	Width (m)	True Width (m)	Fe Total (%)	Soluble Fe (%)	DDH	From (m)	To (m)	Width (m)	True Width (m)	Zone
HA-11-068	30.20	45.80	15.60	14.92	32.8							Castle
HA-11-068	51.30	56.30	5.00	4.78	34.9	36.9	P97	47.24	53.34	6.10	5.83	Castle
HA-11-068	79.60	121.00	41.40	39.59	33.9							Castle
HA-11-069	57.60	84.00	26.40	25.25	34.8							Castle
HA-11-069	114.00	140.00	26.00	24.86	33.5							Castle
HA-11-070	73.50	124.00	50.50	48.03	37.3							Castle
HA-11-070	151.40	164.50	13.10	12.46	25.7							Castle
HA-11-071	69.40	108.20	38.80	37.81	34.8							Castle
HA-11-072	59.00	127.00	68.00	66.26	33.7							Castle
HA-11-073	74.65	101.00	26.35	25.95	31.8							Castle
HA-11-074A	52.40	111.00	58.60	58.03	31.5	33.7	P96	51.82	87.66	35.84	35.49	Castle
HA-11-075	36.00	68.00	32.00	31.69	32.4	32.2	P95	36.58	65.53	28.92	28.64	Castle
HA-11-076	48.60	54.30	5.70	5.64	31.9							Castle
HA-11-076	62.60	104.00	41.40	41.00	33.3							Castle
HA-11-077	30.70	33.90	3.20	3.14	28.6							Castle
HA-11-077	41.70	79.00	37.30	36.61	32.1							Castle
HA-11-078	47.40	61.40	14.00	13.39	30.2							Castle
HA-11-079	56.00	89.00	33.00	32.92	29.7							Castle
HA-11-080	39.20	90.80	51.60	50.82	28.4							Castle
HA-11-081	45.70	55.73	10.03	9.88	27.0							Castle
HA-11-082	41.30	85.94	44.64	44.61	31.3							Castle
HA-11-018	39.60	76.00	36.40	35.85	34.9	33.4	E-136	10.67	59.44	48.77	47.11	West Zone 2
HA-11-018	100.70	165.40	64.70	63.72	33.6							West Zone 2
HA-11-019	13.30	44.00	30.70	30.66	32.3	29.8	E-153	16.76	96.13	79.37	79.26	West Zone 2
HA-11-019	63.90	115.20	51.30	46.49	29.9							West Zone 2
HA-11-020	14.50	91.00	76.50	75.34	36.3	36.2	E-150	15.24	83.21	67.97	65.95	West Zone 2
HA-11-021	33.00	138.00	105.00	103.41	32.0	35.7	E-158	30.48	107.90	77.42	76.25	West Zone 2
HA-11-022	2.00	56.27	54.27	53.45	33.22	33.6	E-159	0	57.91	57.91	54.42	West Zone 2
HA-11-033	2.57	25.00	22.43	22.09	30.6	31.2	E-164	13.72	18.29	4.57	4.29	West Zone 2
HA-11-023	1.25	48.15	46.90	46.19	39.4	36.59	R-101	1.22	45.72	44.50	43.82	West Zone 4
HA-11-026	24.45	75.20	50.75	50.74	34.4	35.3	R-120	27.43	68.58	41.15	41.15	West Zone 4
HA-11-027	4.70	38.00	33.30	31.29	36.7	34.3	R-122	8.84	39.62	30.78	28.92	West Zone 4
HA-11-028	39.10	67.00	27.90	25.87	36.3	33.1	R-123	27.43	53.34	25.91	24.02	West Zone 4
HA-11-029	27.30	62.00	34.70	34.36	29.2	28.9	R-131	4.57	70.10	65.53	64.89	West Zone 4
HA-11-030	7.70	94.20	86.50	85.19	32.7	35.0	R-132	15.24	71.63	56.39	54.47	West Zone 4
HA-11-031B	30.60	60.00	29.40	29.11	32.3	35.3	R-130	18.90	48.77	29.87	29.58	West Zone 4
HA-11-065	48.50	85.00	36.50	31.61	33.2							West Zone 4
HA-11-032	51.00	77.90	26.90	23.30	32.8							West Zone 4
HA-11-066	24.90	55.60	30.70	30.03	35.5							West Zone 4
IV-11-001	15.10	30.00	14.90	13.50	37.2							Iron Valley
IV-11-002	34.40	91.60	57.20	56.33	30.4							Iron Valley
IV-11-003	7.20	58.85	51.65	50.86	32.6							Iron Valley
IV-11-004A	16.37	81.5	65.13	64.97	31.87							Iron Valley
IV-11-005	8.90	55.40	46.50	45.79	32.6							Iron Valley
IV-11-006	3.40	32.24	28.84	28.80	32.1							Iron Valley
IV-11-007	59.60	92.10	32.50	32.01	31.9							Iron Valley
IV-11-008	39.00	46.90	7.90	7.42	34.1							Iron Valley
IV-11-009	64.25	75.53	11.28	9.87	26.1							Iron Valley
IV-11-010	12.30	45.70	33.40	28.93	26.1							Iron Valley
IV-11-011	17.73	135.19	117.46	110.38	32.9							Iron Valley
IV-11-012	95.51	107.33	11.82	11.18	26.6							Iron Valley
HA-11-034	28.50	86.40	57.90	55.93	32.2							Iron Valley
HA-11-035	22.75	80.40	57.65	55.68	32.8							Iron Valley
HA-11-036	9.50	74.50	65.00	62.78	31.7							Iron Valley
HA-11-037	2.30	30.00	27.70	27.28	29.7							Iron Valley
HA-11-038	1.56	105.84	104.28	99.18	34.4	34.8	H-148	0.00	86.56	82.32	77.12	Bay Zone F
HA-11-039	8.00	26.70	18.70	18.06	31.4	32.9	H-145	7.62	25.91	18.29	14.01	Bay Zone F
HA-11-039	37.00	96.00	59.00	56.97	32.3	34.7	H-145	36.58	91.44	54.86	42.02	Bay Zone F
HA-11-040	5.70	102.25	96.55	93.23	34.7	35.7	H-144	5.06	91.44	86.38	83.41	Bay Zone F
HA-11-041	50.70	174.50	123.80	107.21	33.2							Bay Zone F

2011 Results						Historic Drill Hole Results (1954 – 1957)						
DDH	From (m)	To (m)	Width (m)	True Width (m)	Fe Total (%)	Soluble Fe (%)	DDH	From (m)	To (m)	Width (m)	True Width (m)	Zone
HA-11-042	3.30	10.70	7.40	6.41	37.9							Bay Zone F
HA-11-042	28.40	134.30	105.90	91.71	36.1	31.8	H-142	1.52	90.98	89.46	77.47	Bay Zone F
HA-11-043	13.70	23.40	9.70	9.55	34.0	33.6	H-118	30.48	39.62	9.14	9.00	Bay Zone F
HA-11-043	28.70	101.20	72.50	71.40	28.2	29.8	H-118	44.20	91.44	47.24	46.52	Bay Zone F
BF-11-001	6.50	28.05	21.55	19.53	26.3							Bay Zone F
BF-11-001	42.10	56.80	14.70	13.32	33.8							Bay Zone F
BF-11-002	88.10	126.00	37.90	34.35	33.4							Bay Zone F
BF-11-002	72.56	127.80	55.24	50.06	29.0							Bay Zone F
BF-11-004	54.80	145.20	90.40	78.29	34.2							Bay Zone F
BF-11-005	61.30	207.90	146.60	132.86	30.5							Bay Zone F
BF-11-006	143.70	147.25	3.55	3.07	29.3							Bay Zone F
BE-11-001A	61.30	132.10	70.80	66.53	32.8							Bay Zone E
HA-11-044	7.90	63.00	55.10	51.78	31.7	31.9	H-116	9.14	53.34	44.20	41.53	Bay Zone E
HA-11-045	8.00	69.00	61.00	57.32	32.2	32.0	H-114	6.10	65.53	59.43	55.85	Bay Zone E
HA-11-046	37.20	77.50	40.30	39.69	30.5							Bay Zone E
HA-11-047	19.30	75.40	56.10	45.95	32.5	32.4	H-113	19.81	82.30	62.49	51.19	Bay Zone E
HA-11-048	4.30	114.80	110.50	84.65	31.5	34.1	H-89	0.00	91.44	91.44	70.05	Bay Zone E
HA-11-049	48.40	184.40	136.00	127.80	32.0							Bay Zone E
HA-11-050	19.90	85.40	65.50	59.36	30.8	31.5	H-87	21.34	82.30	60.96	55.25	Bay Zone D
HA-11-051	13.40	88.70	75.30	69.82	32.2	32.1	H-84	15.24	88.39	73.15	67.82	Bay Zone D
HA-11-052	25.20	98.00	72.80	70.30	32.3							Bay Zone D
HA-11-053	24.40	66.20	41.80	34.24	34.3	32.9	H-83	16.76	74.68	57.92	47.45	Bay Zone D
HA-11-054	40.30	106.80	66.50	65.05	32.8							Bay Zone D
HA-11-055	31.00	95.00	64.00	57.02	36.0	27.4	H-58	35.05	88.48	53.43	47.61	Bay Zone C
HA-11-056A	37.70	142.00	106.30	106.15	32.2	33.2	H-57	36.58	66.48	29.90	29.86	Bay Zone C
HA-11-057	13.45	66.00	52.55	49.98	32.3	32.3	H-55	15.24	59.44	44.20	42.04	Bay Zone C
HA-11-058	1.50	30.00	28.50	28.22	29.8	27.0	H-53	62.48	76.20	13.72	13.59	Bay Zone C
HA-11-059	56.00	97.58	41.58	40.51	33.2							Bay Zone C
HA-11-060	2.50	44.00	41.50	40.59	33.1	31.8	H-51	25.91	74.68	48.77	47.70	Bay Zone C
HA-11-061	22.40	67.00	44.60	43.46	35.5	31.0	H-21	19.81	70.10	50.29	49.00	Bay Zone B
HA-11-062	2.50	34.00	31.50	30.43	35.2	34.0	H-17	6.10	33.53	27.43	26.49	Bay Zone B
HA-11-063	11.80	124.00	112.20	99.07	35.9	34.0	H-12	48.77	83.82	35.05	30.95	Bay Zone B
BB-11-001	13.05	106.00	92.95	91.54	35.8							Bay Zone B
TR-H12AB1	0.00	125.00	125.00	107.15	34.9							Bay Zone B
HA-11-064	15.90	41.00	25.10	24.24	36.6	38.5	H-7	15.24	30.48	15.24	14.72	Bay Zone A
MC-11-040	3.40	22.00	18.60	18.37	27.6	28.59	C-40	1.89	10.67	8.78	8.67	West McDonald
MC-11-001	23.70	47.00	23.30	21.90	30.4							West McDonald
MC-11-045	4.40	56.00	51.60	48.49	32.6	36.5	C-45	1.52	54.86	53.34	50.12	West McDonald
MC-11-060	22.43	26.45	4.02	3.78	25.4	21.3	C-64	15.24	25.91	10.67	10.03	West McDonald

Table 10.3. Summary Results of Drill Hole Data, 2011 Drilling Program vs. Historical.

10.2.1.1 Castle Mountain Drilling

Thirty eight holes were drilled at Castle mountain for a total of 3,882.4 m. Eighteen of the drill holes were twins of historical drill holes. At least one twin of an historical drill hole was drilled on each section except for the section 40+00. In most cases, the drill holes were completed below the iron oxide portion of the iron formation. Some of the historic drill holes were completed in the oxide portion of the iron formation. The drill holes that were twins of historic drill holes demonstrated good agreement with the historic geology. Typically the geology encountered in the drill holes HA-11-001 to HA-11-017 and HA-11-067 to HA-11-082 is a cover of siliceous quartzose sediment that is white with a buff tinge, golf ball size carbonaceous nodules with some iron carbonate (siderite), dessiminated pyrite and weakly to moderately magnetic as we approach the contact with the iron formations the magnetite content increases.

These quartzose sediments are followed by iron formations starting with uppers sequences of magnetite rich iron formations with a matrix of quartz, medium grained and homogeneous. The magnetite rich iron formations are then followed by magnetite – hematite iron formations with quartz ground mass, followed by hematite – magnetite iron formations and magnetite – hematite iron formations. The units alternate but the changes are very noticeable with a magnetic suceptibility meter in which one may observe in the logs. The assay results from the iron formation demonstrate very clearly that the grades are consistent with no great variations and tend to be above the 30% total Fe (refer to assay logs in Appendix). Visually the iron formation units do not vary much and they tend to be very consistant. The average grade intersections on the Table 9.5 illustrate that the twinned holes often matched the historical drill holes and often surpassed the iron formation thickness. The total iron assays from the 2011 drilling program correlated well with the soluble iron assays from the historic drilling program and the total iron assay composites compared well with the historical composites.

Exploration drill holes confirmed that the oxide portion of the iron formation continued shallowly dipping to the southeast with thickesses between 40 and 91.8 m (Figure 10.2) . Exploration drilling also indicated that the oxide portion of the iron formation also continued to the northeast of Castle Mountain. Drill holes HA-11-003 and HA-11-004 are twins of historic drill holes P-34 and P-49 respectively. Drill hole HA-11-002 is an exploration drill hole that confirmed the southeastern continuation of the oxide protion of the iron formation.

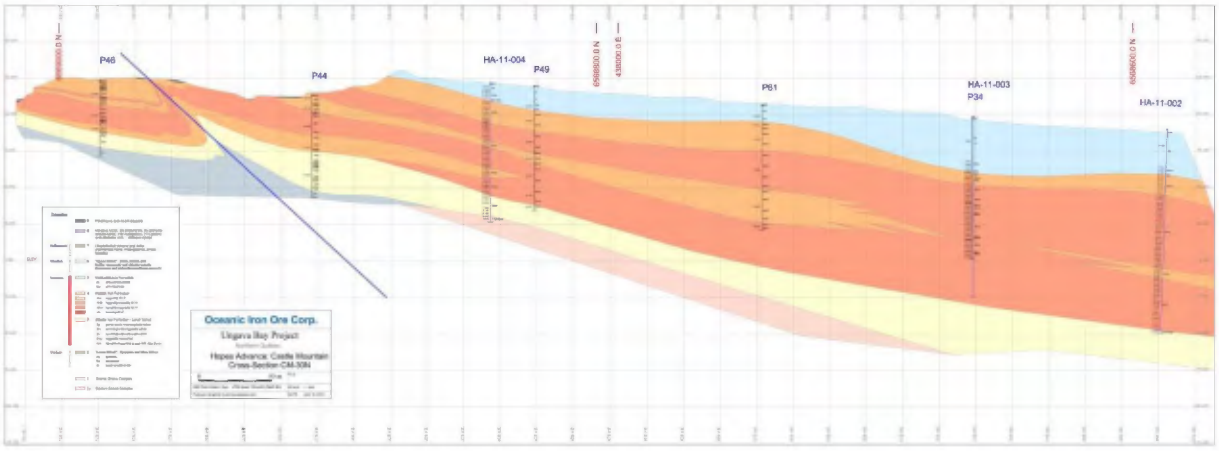


Figure 10.2. Castle Mountain, Cross-section CM 30+00N.

The drill hole HA-11-001b, was the first exploration hole drilled on the section 40+00. The drill hole was 191 m deep and penetrated 92.2 m of iron formation (58.0 m to 150.2 m) with an overburden cover of 7.4 m and 47.1 m of overlying sediments of quartzose sediments (5a) that become more magnetic near the iron formation contact. The iron formations consists of thick magnetite rich layer (4m) followed by a mix of magnetite-hematite and hematite-magnetite (4mh – 4hm) with a varying content of quart matrix and the iron formations becoming leaner at the bottom. The grades in the hole vary from 18.22% total Fe to 39.67% total Fe and an average grade of 31.1% total Fe over 62.04 m true width. The iron formation are underlain by cummingtonite garnet schists, quartzites, and granodiorites – gneisses. The drill hole HA-11-002, located on the section 30+00 has 3.9 m of overburden cover, underlain by 26.7 m (3.9 m to

30.6 m) of quartzose sediments with more magnetite at the lower part. This is followed by 106.9 m of consistent medium grain iron formations, with consistent large layers of magnetite magnetite-hematite and hematite-magnetite alternating. The average grade for the iron formation was 33.4% total Fe over a true width of 103.8 m (30.6 m to 136.0 m). The iron formation is followed by 2 m of schist. The Figure 9.3 illustrates the section 30+00 with the overlying units and cover, the alternating iron formations below and the underlying footwall units. The units dip at a shallow angle to the east-southeast. The drill hole HA-11-003 on the section 30+00 has 1.35 m of overburden and 35.5 m of quartzose sediments (4a) becoming more magnetic at the lower part. The iron formation is 59.85 m thick (36.85 m to 96.7 m) with alternating amounts and units of magnetite and hematite (4m, 4mh, 4hm), the iron formations lower limit was not attained. The average grade of the iron formation is 34.0% total Fe over a true width of 58.9 m . This hole twinned the historical drill hole P34 which had a grade of 35.4% total iron over 59.7 m (36.58 m to 96.32 m), this very comparable as results between the two holes. The drill hole HA-11-004 on the section 30+00 has 1.3 m of overburden, 9.37 m of quartzite cover with magnetite at the lower part. This is followed by iron formations with magnetite hematite and quartz over a width of 65.85 m (10.67 m to 83.76 m). This iron formation section has an average grade of 32.3% total iron over a true width of 63.13 m. This hole twinned the drill hole P49 intersected 73.09 m of iron formation with an average grade of 34.9% total Fe, the new twin hole was slightly lower in grade and thickness. These are followed by schists and the basement rock. The drill hole HA-11-005 on the section 20+00 has 1.2 m of overburden, 20.45 m of quartzose sediments with increasing magnetite in the lower part, followed by 57.9 m of iron formation with magnetite-hematite and quartz with an average grade of 34.6% total Fe over 57.02 m of true width followed by cummingtonite-magnetite schists. The hole twinned the drill hole P35 with the grades being comparable at 34.9 % total Fe with a width of 59.14 m true width. The first set of holes drilled on Castle Mountain area are the holes HA-11-006 to HA-11-017. The results obtained on these are the following, HA-11-006 on the section 10+00 with a grade of 31.3% total Fe over a true width of 44.02 m, holes HA-11-007 on the section 0+00 with a grade of 32.6% total Fe over a true width of 63.22 m, holes HA-11-008 on the section 50+00 with a grade of 32.6% total Fe over a true width of 62.44 m, holes HA-11-009a on the section 60+00 with a grade of 31.9% total Fe over 13.79 m and 32.2% total Fe over 34.96 m, holes HA-11-010 on the section 60+00 with a grade of 31.6% total Fe over a true width of 84.10 m, holes HA-11-011 on the section 70+00 with a grade of 32.4% total Fe over a true width of 69.86 m, holes HA-11-012 on the section 90+00 with a grade of 29.2% total Fe over a true width of 63.65 m, holes HA-11-013 on the section 80+00 with a grade of 31.0% total Fe over a true width of 67.28 m, holes HA-11-014 on the section 130+00 with a grade of 34.2% total Fe over a true width of 40.28 m, holes HA-11-015 on the section 100+00 with a grade of 29.54% total Fe over a true width of 30 m, holes HA-11-016 on the section 110+00 with a grade of 33.4% total Fe over a true width of 22.85 m, holes HA-11-017 on the section 120+00 with a grade of 31.4% total Fe over a true width of 31.42 m. These holes were all twinned to historical drill holes performed in the 1950's and the results are very comparable to the recent drilling in grade and thickness (Refer to Table 10.3). The thicknesses of the iron formation in most of these holes is better than 40 m and the grades of Total Fe content tend to be above the 30% total Fe. With most of these holes the geological series consisted of a thin cover of less than 20 m of overburden and waste rock of quartzose sediments with some iron carbonates. The holes HA-11-009a, 010, 011 and HA-11-014 had thicker covers of 32.1 m to 48.4 m of overburden and quartzose sediments. The holes then went through thicknesses of iron formation that ranged between 31.42 m (HA-11-017) to 84.10 m

(HA-11-010) true thickness. The iron formation are consistant and homogeneous with assays holding consistently above the 30% total Fe with iron formations alternating between magnetite rich wide layers and hematite rich layers with the units dipping at 15° to 25° to the east-southeast. Drilling then continued on the Castle Mountain with the series HA-11-067 to HA-11-082 with these holes being mainly exploration holes looking at iron formation extensions to the east-southeast and with only three holes being twinned, HA-11-068, HA-11-074a and HA-11-075. The results of these holes were positive and illustrating that the iron formations extend to the east and hence adding to the Castle Mountain potential. The geology in all of these holes, with the cover, quartzose sediments, iron formations, and schists and quartzites is very consistent and avoids us presnting the geology over for each on of the holes. The results of the holes are presented below and results obtained on these are the following, HA-11-067 on the section 20+00 with a grade of 36.3% total Fe over a true width of 59.67 m, hole HA-11-068 on the section 50+00 with a grade of 33.9% total Fe over a true width of 39.59 m, hole HA-11-069 on the section 50+00 with a grade of 34.8% total Fe over a true width of 25.25 m and 33.5% total Fe over a true width of 24.86 m, hole HA-11-070 on the section 60+00 with a grade of 37.3% total Fe over a true width of 48.03 m, hole HA-11-071 on the section 70+00 with a grade of 37.9% total Fe over a true width of 39.59 m, hole HA-11-072 on the section 80+00 with a grade of 33.7% total Fe over a true width of 66.26 m, hole HA-11-073 on the section 90+00 with a grade of 31.8% total Fe over a true width of 25.95 m, hole HA-11-074A on the section 80+00 with a grade of 31.5% total Fe over a true width of 58.03 m, hole HA-11-075 on the section 90+00 with a grade of 32.4% total Fe over a true width of 31.69 m, hole HA-11-076 on the section 100+00 with a grade of 33.3% total Fe over a true width of 41.00 m, hole HA-11-077 on the section 110+00 with a grade of 32.1% total Fe over a true width of 36.61 m, hole HA-11-078 on the section 120+00 with a grade of 30.2% total Fe over a true width of 13.39 m, and the hole HA-11-079 on the section 130+00 with a grade of 29.7% total Fe over a true width of 32.92 m (Figure 10.3). The drilling was then moved over 600 m to the northeast to drill three new exploration drill holes on the section 150+00 with the drill holes HA-11-080, HA-11-081 and HA-11-082 (Figure 10.4). The iron formations continued on to this section with the thicknesses being 50.82 m and 44.61 m with the iron formations extending to the east-northeast and to the northwest, hence expanding the potential of the Castle Mountain deposit. The drill hole HA-11-080 on the section 150+00 has a grade of 28.4% total Fe over a true width of 50.82 m. This opens up the potential of mineralization on the west side of the grid towards the Iron Plateau area. The drill hole HA-11-081 on the section 150+00 has a grade of 27.0% total Fe over a true width of 9.88 m. At this point the iron formations become alot narrower and apear to thicken on either side of this point. The drill hole HA-11-082 on the section 150+00 has a grade of 31.3% total Fe over a true width of 44.61 m (Figure 10.4). This hole opens up the potential of the iron formations to the east and to the north of this point.

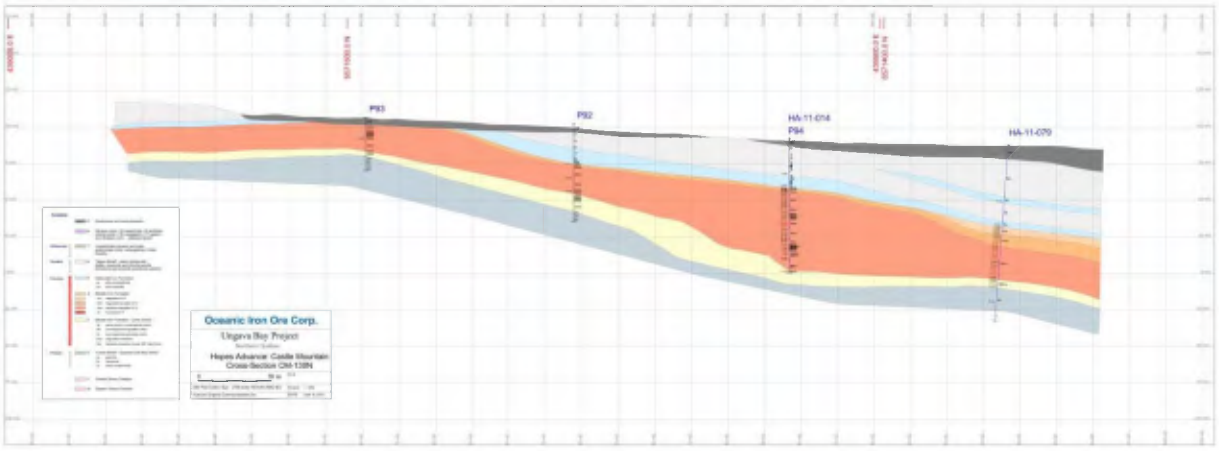


Figure 10.3. Castle Mountain Cross-section on CM 130+00N.

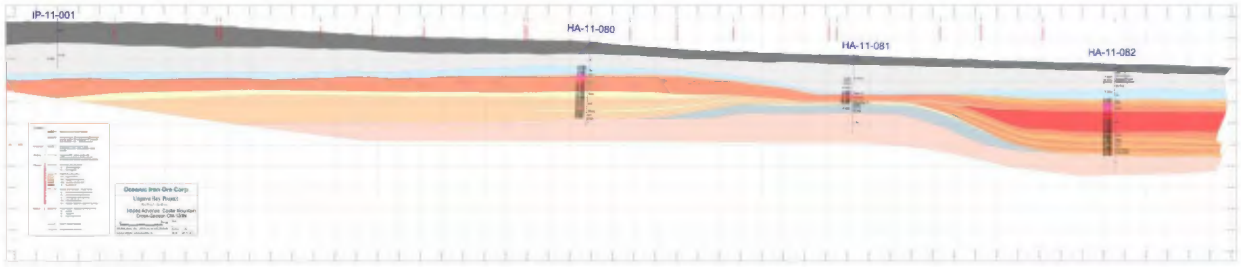


Figure 10.4. Castle Mountain Cross-section on CM 150+00N.

The oxide portion of the iron formation at Castle Mountain is composed of a succession of higher grade magnetite-hematite and hematite magnetite iron formation overlying lower grade magnetite-hematite and hematite iron formation. The higher grade portions of the iron formation contained between 28 and 42% total iron. The lower grade portion of the iron formation contained between 18 and 28% total iron. The oxide portion of the iron formation lacks the conspicuous lean chert beds typical of most Lake Superior type iron formations. The drilling confirmed a high degree of continuity of rock types and iron grade between drill holes and sections. North-northwest striking thrust faults thickened and repeated all or portions of the iron formation.

10.2.1.2 Zone 4 Drilling

Zone 4 is located 1.1 km to the west of Castle Mountain. Eleven holes were drilled for a total of 829.2 m. Seven of the drill holes were twins of historical drill holes. The oxide portion of the iron formation varies from 25 to 86 m (Figure 10.5). The thicker intercepts of oxide iron formation are probably due to repetition of parts of the iron formation by thrust faulting.

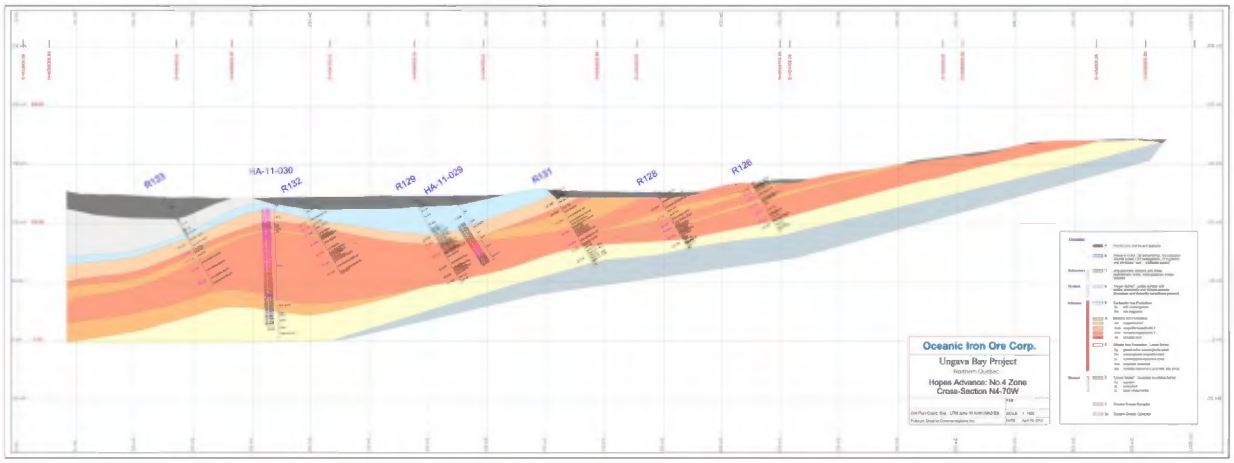


Figure 10.5. Zone 4 Cross-Section 70+00.

Historic drill holes R-129 and R-132 were twinned by drill holes HA-11-029 and HA-11-030 respectively.

The oxide portion of the iron formation is composed of a succession of higher grade magnetite-hematite and hematite-magnetite iron formation overlying lower grade magnetite-hematite and hematite iron formation. The higher grade portions of the iron formation contain up to 45.7% total iron. While the lower grade portions of the iron formation contain down to 21.0% total iron. The drilling confirmed a high degree of continuity of rock types and iron grade between drill holes and sections. The recent drilling confirms the historical drilling and reported grades with the recent drill holes grading 29.2% total Fe over 34.36 m to 39.4% total Fe over 46.19 m. The West Zone 4 has been extended to the north-northwest by 300 m (30 m thickness) with section 90+00 and drill holes HA-11-032 (32.8% total Fe over 26.64 m), HA-11-065 (33.2% total Fe over 36.14 m) and HA-11-066 (35.5% toal Fe over 30.40 m). The mineralization is open to the northwest.

On the first section 10+00W, the drill hole HA-11-023 was drill to twin the historical drill hole R101. The drill hole HA-11-023 has 47.25 m of iron formation with only 1.25 m of overburden. The units encountered in the iron formation are magnetite-hematite units richer in magnetite, followed by hematite-magnetite richer in hematite, and finishing with magneitie-hematite richer in magnetite. The grain size is fine to medium grain, massive, banding is undistinguishable, and homogeneous grain size and composition with the units. The drill hole gave a grade of 39.4 % total Fe over 46.19 m, an excellant total iron grade. The section 40+00W has the drill hole HA-11-026 twinning the historical drill hole R120. The drill hole HA-11-026 penetrated 24.45 m of overburden (3.00 m) and quartzose sediments with some minor magnetite near the iron formation contact. This underlain by iron formations of 50.75 m thick consisting of magnetite rich units and magnetite-hematite units rich in magnetite. The section is cut by two shear zones – faults cutting at 70° the core axis on holes inclined at -60° to the N3°E. The iron grades are 34.39% total Fe over a width of 50.75 m of core, and the faults did not disrupt the grades. The next drill hole HA-11-027 is on the section 50+00W and twins the historical drill hole R122. The drill hole has 6.00 m of overburden (1.10 m) and magnetite quartzose sediments. This is

followed by 33.3 m of iron formation with magnetite rich unit followed by magnetite-hematite unit rich in magnetite and in the lower part hematite-magnetite unit richer in hematite. The units are bedded at 65° to core axis, coarse grain, granular, well bedded and homogeneous and massive. The iron formation grades at 36.7% total Fe over 33.30 m. The drill hole HA-11-028 occurs on the section 60+00W twinning the drill hole R123 and oriented at N59°E. The drill hole penetrated 39.1 m of cover of overburden (12.0 m) and quartzose sediments and magnetic quartzose sediments. The sediments are underlain by 27.9 m of iron formation consisting of fine grain, bedded and homogeneous magnetite-hematite iron formation rich in magnetite, followed by magnetite iron formation and terminating with the hematite-magnetite iron formation rich in hematite. The iron formation grades 36.3% total Fe over a drill width of 27.9 m. The next section 70+00W has two drill holes, HA-11-029 and HA-11-030 twinning the drill holes R131 and R132 respectively. The drill hole HA-11-029 has 27.3 m of cover with overburden (7.00 m) and quartzose sediments and magnetic quartzose sediments. The cover is underlain by magnetite iron formation followed by magnetite-hematite rich in magnetite and underlain at the bottom by hamatite-magnetite iron formation rich in hematite, banded, fine grain and bedding at 50° to the core axis. The iron formation grades 29.2% total iron over 34.7 m, slightly lower grades in the lower part of the iron formation. The drill hole HA-11-030 has 7.70 m of overburden cover, this is followed by 86.5 m of hematite-magnetite iron formation richer in hematite, followed by a narrow fault system with no core recovery, followed by magnetite rich iron formation, followed by magnetic quartzose sediments then followed by a series of iron formation units of magnetite iron formation, hematite-magnetite iron formation richer in hematite and finalizing the iron formation with magnetite-hematite iron formations richer in magnetite. The iron formation grade 32.7% total Fe over a drill length of 86.5 m. This is followed by drilling on the section 80+00W with the drill hole HA-11-031 twinning the historical drill hole R130. The drill hole intercepted 30.6 m of cover with overburden (9.00 m) and quartzose sediments and magnetic quartzose sediments followed by 29.4 m of iron formation. The iron formation consist of magnetite-hematite iron formation rich in magnetite, underlain by magnetite rich iron formation and finalizing with hematite-magnetite iron formation rich in hematite. The units are fine grain, homogeous, and wide banding at 80° to core axis. The iron formation grades 32.3% total Fe over 29.4 m of drill length. The last section drilled is the section 90+00W with three exploration holes HA-11-032, HA-11-065, and HA-11-066 extending the mineralization a minimum of 300 m to 400 m but still open to the northwest. The three drill holes went through 51.00 m of cover with HA-11-032 having overburden material (8.50 m), schists, and quartzose sediments with some hematite and magnetite as cover and to the west there is the drill hole HA-11-065 that a similar cover with 48.5 m of overburden (2.20 m), schists and quartzose sediments with some magnetite and hematite. The third drill hole is on the east side of the section and it has less cover with 24.9 m with overburden (1.00 m) and quartzose sediments with some magnetite. The drill hole HA-11-032 has 26.9 m of iron formation consisting of magnetite-hematite richer in magnetite followed by hematite-magnetite richer in hematite and the drill hole HA-11-065 has 36,5 m of iron formation with the same two sequences, that fine grain, homogeneous and banded. The drill hole HA-11-066 has 30.7 m of iron formation with magnetite rich iron formation followed with magnetite-hematite iron formation rich in magnetite and finalizing with hematite-magnetite iron formation rich in hematite. The three drill holes grade respectively 32.8% total Fe over 26.9 m, 33.2% total Fe over 36.5 m and 35.5% total Fe over 30.7 m. The Zone 4 has good total Fe grades and the cover in this area is not thick, the units dip gentilly to the south and southwest.

10.2.1.3 Zone 2 Drilling

Zone 2 is located 3.7 km to the southwest of the Castle Mountain. Six holes were drilled for a total of 697.3 m and all holes were twins of historical drill holes. The oxide portion of the iron formation varies from 82 to 108 m (Figure 10.6). The thicker intercepts of oxide iron formation are probably due to repetition of parts of the iron formation by thrust faulting. Historic drill holes R-150 and R-153 were twinned by drill holes HA-11-020 (36.3% total Fe over 75.34 m) and HA-11-019 (32.3% total Fe over 30.66 m and 29.9% total Fe over 46.49 m), respectively. Note the repetition of the iron formation by thrust faulting at the southwest end of the section.

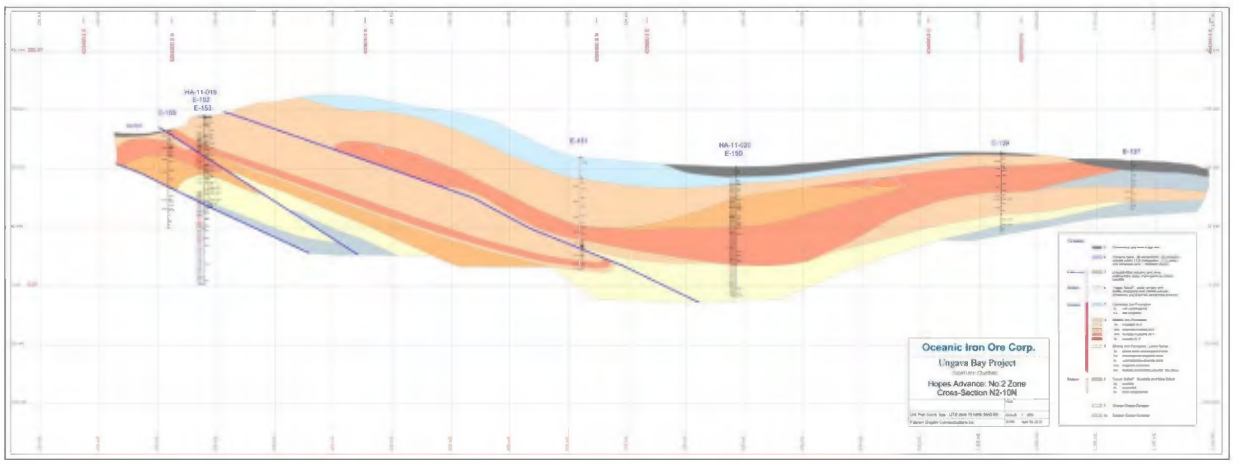


Figure 10.6. Zone 2 Cross-Section 10+00.

The oxide portion of the iron formation is composed of a succession of higher grade magnetite-hematite and hematite-magnetite iron formation overlying lower grade magnetite-hematite and hematite iron formation. The higher grade portions of the iron formation contain up to 47.0% total iron while the lower grade portions of the iron formation contain a minimum of 22.1% total iron. The continuity of the iron formation is good between drill holes, but in some cases lacks continuity between sections because of intervening thrust faults, such as drill hole HA-11-018 (34.9% total Fe over 35.85 m and 33.6% total Fe over 63.72 m). The recent drilling confirms the historical drilling and and reported grades. In some cases, the exploration drill holes intercepted thicker iron oxide portions of the iron formation and higher total iron than were intercepted in the historic drilling as is demonstrated by HA-11-021 grading 32% total Fe over 103.41 m. West Zone 2 is limited to the extent identified in the 1950s and is not expected to extend further than the presently identified limit. Section 0+00 had four historical drill holes and the drill hole E136 was twinned with the drill hole HA-11-018 having 39.60 m of cover with 11.20 m of overburden cover. The cover is underlain by 125.80 m of iron formations with magnetite rich unit followed by alternating magnetite-hematite iron formation and hematite-magnetite iron formation grading 34.9% total Fe over 35.85 m and 33.6% total Fe over 63.72 m. There is an 18.0 m interval of schist occuring in the middle of the iron formation, cause by the presence of a thrusting fault. The section 10+00N has seven historical drill holes and the historical drill holes E153 and E150

were twinned by HA-11-019 and HA-11-020, respectively. The drill hole HA-11-019 has 13.30 m of cover with 3.00 m of overburden and followed by quartzose sediments with magnetite. This is followed by 101.9 m of magnetite iron formation with magnetite mainly followed by magnetite- hematite iron formation with mainly magnetite over hematite, and followed by 19.9 m of magnetic schists, followed by a series of alternating magnetite-hematite iron formation and hematite-magnetite iron formation. The iron formations are fine to medium grained, high angle banding dipping east, homogeneous iron formations and at 13.3 m grading 32.3% total Fe over 30.66 m and also at 63.9 m grading 29.9% total Fe over 46.49 m. The drill hole HA-11-020, approximately 453.1 m to the east of HA-11-019, has 14.5 m of cover with 9.3 m of overburden and then with quartzose sediments and magnetic quartzose sediments. These are followed by westerly dipping iron formations consisting of 85.5 m of iron formation with narrow interlayered sections of magnetite iron formation rich in magnetite and interlayered with magnetite-hematite iron formation richer in magnetite over hematite. These are then followed by a thick unit of 48.9 m of hematite-magnetite iron formation richer in hematite over magnetitem fine grain to medium grain granular, banded, homogeneous iron formation and grading 36.3% total Fe over 75.34 m. On the section 20+00N is the drill hole HA-11-021 which is twinned by the historical drill hole E158. The drill hole HA-11-021 has 33.0 m of cover with 5.90 m of overburden then followed by magnetic quartzose sediments. The hole then has 107.7 m of iron formations following with magnetite iron formations rich in magnetite followed by magnetite-hematite iron formation richer in magnetite over hematite and then folllowed by hematite-magnetite iron formation richer in hematite over magnetite followed by hematite iron formation rich in hematite, this is followed by magnetite-hematite iron formation richer in magnetite over hematite and finally with hematite-magnetite iron formation richer in hematite over magnetite. The iron formations are dipping to the east, fine grained granular and banded, and homogeneous iron formation grading 32.0% total Fe over 103.41 m. The next section is the 30+00N section with the drill hole HA-11-022 twinning the drill hole E159. The drill hole has 2.0 m of overburden followed by 54.27 m of iron formation consisting of hematite-magnetite iron formation richer in hematite over magnetite followed by magnetite-hematite iron formation richer in magnetite over hematite and with hematite-magnetite iron formation richer in hematite over magnetite. The iron formations are dipping to the east, fine grained granular and banded, and homogeneous iron formation grading 33.22% total Fe over 53.45 m. The last section in the zone 2 is the section 40+00N with the drill hole HA-11-033 twinning the drill hole E164. The drill hole has 2.57 m of overburden followed by 37.18 m of iron formation starting with magnetite iron formation with possibly some magnetic quartzose sediment followed by magnetite iron formation rich in magnetite followed by magnetite iron formation with possibly magnetic quartzose sediments and finally with magnetite iron formation. The iron formation grades 30.6% total Fe over 22.09 m which includes only the first two units which have grades better than 25% total Fe.

10.2.1.4 Iron Valley Drilling

Iron Valley is located 5.3 km north of Castle Mountain. Seventeen holes were drilled for a total of 1,524 m. Ten of the holes were twins of historical drill holes. The iron formation is bowl-shaped with the iron formation cropping out along the edge of the valley (Figure 10.7).

The oxide portion of the iron formation varies from 11.20 m to 35.04 m thick near the edges and 50.90 m to 68.20 m in the centre of the valley. On the north side of Iron Valley, hole IV-11-011 intercepted 113.61 m of iron formation. Hole IV-11-010 intercepted 33.4 m of iron formation (26.1% total Fe over 28.93 m) and ended in iron formation. The thicker intercepts of oxide iron formation are probably due to repetition of parts of the iron formation by thrust faulting. The drill holes demonstrate iron formation richer in hematite and the metallurgical work also tends to show higher hematite contents than magnetite.

Historic drill holes M-173, M-175, and M-180 were twinned by holes IV-11-004A (31.87% total Fe over 64.97 m), HA-11-035 (32.8% total Fe over 55.68 m) and IV-11-005 (32.6% total Fe over 45.79 m), respectively. Drill holes IV-11-007 (31.9% total Fe over 32.01 m) and IV-11-008 (34.1% total Fe over 7.42 m) are exploration drill holes.

The oxide portion of the iron formation is composed of a succession of magnetite, magnetite-hematite and hematite-magnetite iron formation. The higher grade portions of the iron formation contain up to 47.1% total iron. In the central and southern portions of the Iron Valley deposit, grades vary from 30.4% total Fe over 56.33 m to 37.2% total Fe over 13.50 m. While the lower grade portions of the iron formation contain down to 20.6% total iron. The drilling confirmed a high degree of continuity of rock types and iron grade between drill holes and sections. The recent drilling confirms the historical drilling and reported grades. On the northern side of Iron Valley, drill hole IV-11-011 intersected 110.38 m of iron formation grading 32.9% total Fe, hence improving the thickness of iron formation at this end of Iron Valley. Drill hole IV-11-010, 300 m west of IV-11-011, intersected 28.93 m of iron grading 26.1% total Fe. Drill hole IV-11-010 terminated in the iron formation unit (4 m) and, as a result, the hole will have to be extended past its termination depth of 57 m. Results from drill hole IV-11-011 and the airborne magnetic survey indicate that the iron formation continues to the north and northeast.

The drill holes IV-11-001 to IV-11-012 were drilled on Iron Valley as the drill holes HA-11-034 to HA-11-037 were twinning the drill holes M177, M175, M174 and M183 but it was discovered that the historical drill hole data did not have the assay intersection logs it was decided to do all the drill hole sites. It has been observed that Iron Valley is richer in hematite over magnetite. The first section 0+00 had the drill hole HA-11-037 drilled with only 2.3 m of overburden and with 33.3 m of iron formation with hematite iron formation and hematite-magnetite iron formation which is fine to medium grain, granular, banded and homogeneous and grading 29.7% total Fe over 27.28 m. On the section 10+00N there are five holes drilled with four holes that are twins of historical holes, IV-11-003 twinning M184, HA-11-036 twinning the drill hole M174, IV-11-002 twinning the drill hole M181, IV-11-001 twinning the drill hole M182 and the last hole an exploration hole. The drill holes have pretty consistently penetrated overburden widths of 3.4 m to 9.0 m followed by covers of schist, quartzites and magnetic quartzites. Only the drill holes IV-11-003, IV-11-006 and HA-11-36 the overburden is followed by the iron formations. The drill holes in the center of the Iron Valley basin will have magnetite iron formation and magnetite- hematite iron formation (HA-11-036, IV-11-002, IV-11-001). Then all the drill holes will be followed by hematite-magnetite iron formation more hematite rich than magnetite and also by hemtaite rich iron formations with little or no magnetite. The units gentilly dip towards the center of the iron formation basin. The grades obtained on this section starting on the west side are the drill hole IV-11-003 grades 32.6% total Fe over 50.86 m, drill hole HA-11-036

grades 31.7% total Fe over 62.78 m, drill hole IV-11-002 grades 31.7% total Fe over 62.78 m, the drill hole IV-11-001 grades 37.2% total Fe over 13.50 m and the last hole on the section is IV-11-006 grades 32.1% total Fe over 28.80 m. The next section to the north is the section 20+00N with five drill holes, IV-11-005 twinning M180, HA-11-035 twinning M175, IV-11-004 twinning M173, and holes IV-11-007 and IV-11-008 exploration holes. The drill hole IV-11-005 went through 8.9 m of overburden and followed by 60.9 m of iron formation with more hematite rich iron formations and grading 32.6% total Fe over45.79 m. The next drill hole, HA-11-035 has 22.75 m of overburden, schists and quartzose sediments, followed by 61.49 m of iron formation much more hematite rich iron formation which grades 32.8% total Fe over 55.68 m. The next drill hole, IV-11-004A has 16.37 m of overburden and schists, and followed by 4.67 m of iron formation with magnetite and hematite-magnetite iron formation. The drill hole was abandoned due to technical difficulties and was not able to go through all of the iron formations. The following hole is IV-11-007, an exploration hole with 59.6 m of overburden and schists, followed by 32.5 m of magnetite iron formation and magnetite-hematite iron formation, followed by more hematite-magnetite iron formation with some magnetite bands. The drill hole grades 31.9% total Fe over 32.01 m. The next section 30+00 had only one drill hole performed, HA-11-034 twinning M177. The other drill sites, the iron formation was too deep to carry out the drilling on those sites. The drill hole HA-11-034 has 28.5 m of overburden, schists and quartzose sediments. These are followed by 57.9 m of iron formation with mainly hematite-magnetite iron formation and hematite iron formation, grading 32.2% total Fe over 55.93 m. The section 40+00 has the two exploration holes IV-11-009 and IV-11-012. The drill hole IV-11-009 on the west side of the section has 64.25 m of cover with overburden (6.0 m), schists, argillites, quartzose sediments and magnetic quartzose sediments. These are underlain by 11.28 m of magnetite-hematite and hematite-magnetite iron formations that are fine grained and banded. The iron formation grades 26.1% total Fe over 9.87 m. On the east side of the section is the drill hole IV-11-012 which has 95.14 m of overburden (8.16 m), schists and quartzose sediments followed by 27.91 m of iron formation with alternating units of magnetite, magnetite-hematite, and hematite-magnetite. The units are well banded, fine grained, with granular hematite and grading 26.6% total Fe over 11.18 m. On the north side of the lake these two drill holes on this section have narrow iron formation intersections as well as narrow total iron grades. The next section to the north, 50+00, has two drill holes on it with the drill hole IV-11-010 twinning the drill hole M179 and the exploration hole IV-11-011. The drill hole IV-11-010 on the west side of the section has 12.3 m of cover with overburden (3.4 m), quartzose sediments and magnetic quartzose sediments. These are underlain by 33.4 m of magnetite and hematite-magnetite iron formations followed by 9.35 m of magnetic schists with garnets with possibly a fault and the repetition of the iron formation with magnetite iron formation. The drill hole was stopped short and did not penetrate through the full length of the iron formation. The iron formation grades 26.1% total Fe over 28.93 m. The drill hole IV-11-011 is 300 m to the east of IV-11-010 with 6.7 m of overburden then followed by 22.96 m of alternating series of magnetite iron formation and quartzose sediments, and then followed by 105.53 m of iron formation with upper units of magnetite and magnetite-hematite iron formations and in the lower part hematite-magnetite iron formation with mainly hematite. The iron formation is thick but the units dip at 60° to the south and hence gives a true thickness that is less. The iron formation grades 32.9% total Fe over 110.38 m. The iron formation occurrence on Iron Valley is still open to the northeast of the drill hole IV-11-011 warranting some drill holes to delimit the iron formation limit.

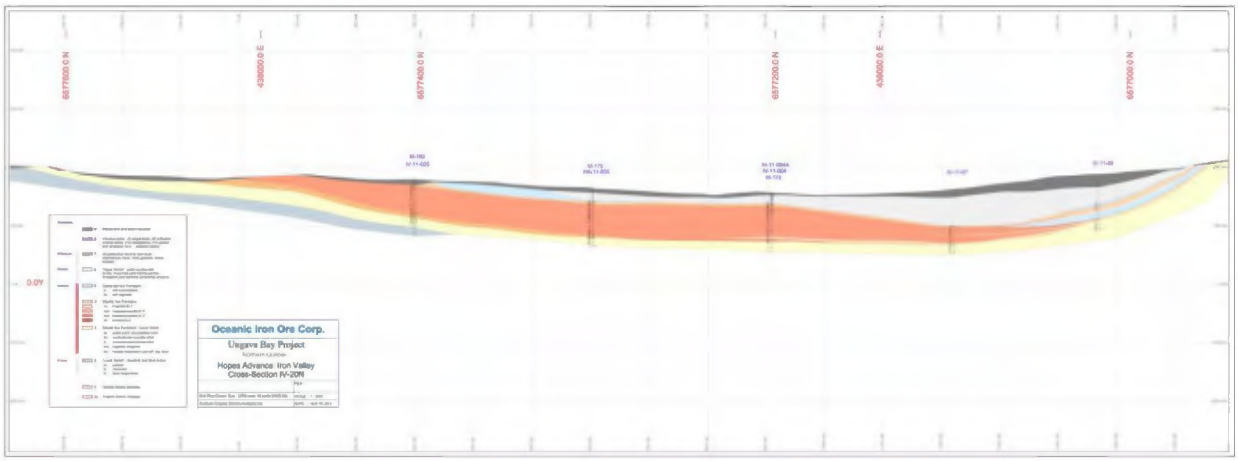


Figure 10.7. Iron Valley Cross-section 20+00N.

10.2.1.5 Bay Zone Drilling

The Bay Zone is composed of deposits A, B, C, D, E and F and is located from 5.6 km (F) to 15.7 km (A) northeast of Castle Mountain. Thirty six holes were drilled on the Bay Zone for a total of 4,244.95 m. Twenty one of the holes were twins of historic drill holes. The drilling on the Bay Zone deposits is summarized below, going from west to east progressing away from the Castle Mountain deposit. The deposits Bay Zone A to F extend over a distance of 11.49 km as six separate deposits.

Eleven holes were drilled at Bay Zone F for a total of 1,669.2 m. Five of the holes were twins of historical drill holes and 6 were exploration holes. The thickness of oxide iron formation intercepted varied from 80.95 m to 132.86 m (Figure 10.8). Historic drill holes H-118, H-142, H-144, H-145 and H-148 were twinned by drill holes HA-11-043 (28.2% total Fe over 71.4 m), HA-11-042 (36.1% total Fe over 91.71 m), HA-11-040 (34.7% total Fe over 93.23 m), HA-11-039 (32.3% total Fe over 56.97 m) and HA-11-038 (34.4% total Fe over 99.18m), respectively. Drill holes HA-11-041, BF-11-001, BF-11-002, BF-11-004, BF-11-005 and BF-11-006 are 2011 exploration drill holes. Holes BF-11-001 (19.53 m grading 26.3% total Fe and 13.32 m grading 33.8% total Fe, BF-11-002 (34.35 m grading 33.4% total Fe), HA-11-041 (107.21 m grading 33.2% total Fe), BF-11-004 (78.29 m grading 34.2% total Fe) and BF-11-005 (132.86 m grading 30.5% total Fe) helped to tighten the interpretation and extend the mineralization by 300 m further south and 735 m across the syncline. The structure is a south-southeast plunging synclinal half-cone. Hole BF-11-006 appears to indicate that the iron formations terminate at this point and may down-throw the iron formation along a fault.

There are six sections on the Bay Zone F testing the extension of the mineralisation. The drill holes HA-11-038, HA-11-039, HA-11-040, HA-11-042 and HA-11-043 were all twinning historical drill holes on the limit of each section. The drill holes have a narrow cover of 1.56 m and 28.4 m of overburden and some quartzose sediments. In the drill hole HA-11-038 on the

section 0+00" these are then followed by wide intersections of iron formations with thicknesses of 104.25 m of iron formation alternating between magnetite, hematite-magnetite and then underlain by magnetic schists. The drill hole HA-11-039 on the section 10+00" intersected 97.8 m of iron formation consisting of inerlayered magnetite, hematite-magnetite and magnetite-hematite iron formations. The drill hole HA-11-040 on the section 20+00' has 96.55 m of alternating magnetite-hematite and hematite-magnetite iron formation and underlain by hemtaite-magnetite garnet schists. The drill hole HA-11-041 on the section 10+00' has a thick 123.8 m of iron formation with alternating magnetite, magnetite-hematite and hematite-magnetite iron formations and these are underlain by magnetic schists. On the same section, 104 m to the north of HA-11-041 is the drill hole HA-11-042 twinning the drill hole H142. The drill hole HA-11-042 has 3.3 m of cover (overburden) followed by 7.4 m of magnetite and hematite-magnetite iron formations followed by 17.7 m of schists, quartzose sediments and magnetic quartzose sediments and followed by 105.9 m of iron formation mainly alternating between magnetite and magnetite-hematite iron formations with two small occurences of hematite-magnetite formations underlain by magnetite schists. The drill hole BF-11-001, an exploration drill hole on the section 10+00"S, has 6.5 m cover of overburden and magnetic quartzose sediments, followed by 14.05 m of quartzose sediments and magnetic quartzose sediments followed by 14.7 m of magnetic iron formations and underlain by schists. On the same section at 155 m to the east of BF-11-001 is BF-11-002 with 72.56 m of cover with overburden (6.0 m), quartzose sediments and magnetic quartzose sediments followed by 39.7 m of iron formation with the alternating iron formation units of magnetite, hematite-magnetite, magnetite-hematite and hematite iron formation underlain by quartzites. The drill hole BF-11-004, an exploration hole, is on the section 20+00' is extending the iron formation 252 m south of H143. The drill hole has 54.8 m of cover with overburden (6.0m), schists, quartzose sediments and magnetic quartzose sediments followed by 95.9 m of iron formation with mainly magnetite bearing iron formations of magnetite, magnetite-hematite and one occurence of hematite-magnetite iron formation followed by magnetic schists. On the section 0+00N (Figure 10.8) the drill hole HA-11-043 twinned the drill hole H118. The hole has a cover of 13.7 m of overburden (2.4 m), quartzose sediments and magnetic quartzose sediments followed by 87.5 m of iron formation a series of interlayered magnetite, magnetite-hematite and hematite-magnetite iron formations with two narrow interlayers of quartzose sediments (1.64 m at 27.06 m and 3.8 m at 39.5m) underlain by magnetic schists. Two exploration holes BF-11-005 and BF-11-006 are on the section 0+00' at 299 m and 500 m south of HA-11-043. The drill hole BF-11-005 has a cover of 60.55 m of overburden (9.6 m), quartzose sediments, magnetic quartzose sediments, followed by 147.45 m of iron formation consisting in alternating magnetite and hematite-magnetite iron formationwith two occurences of magnetite-hematite iron formation and one interlayer of magnetite quartzose sediment of 2.0 m at 88.5 m. The iron formation is underlain by magnetic schists. The drill hole BF-11-006 appears to be in an area where the iron formations are down thrown. The cover is 121.0 m with overburden (6.3 m) and schists, followed by 3.0 m of magnetite iron formation and then followed by 26.6 m of sheared rocks of magnetic quartzose sediments sheared, magnetite iron formation sheared and magnetic quartzose sediments sheared and followed by thicknesses of 55.4 m of schists and argillites of unit 6.

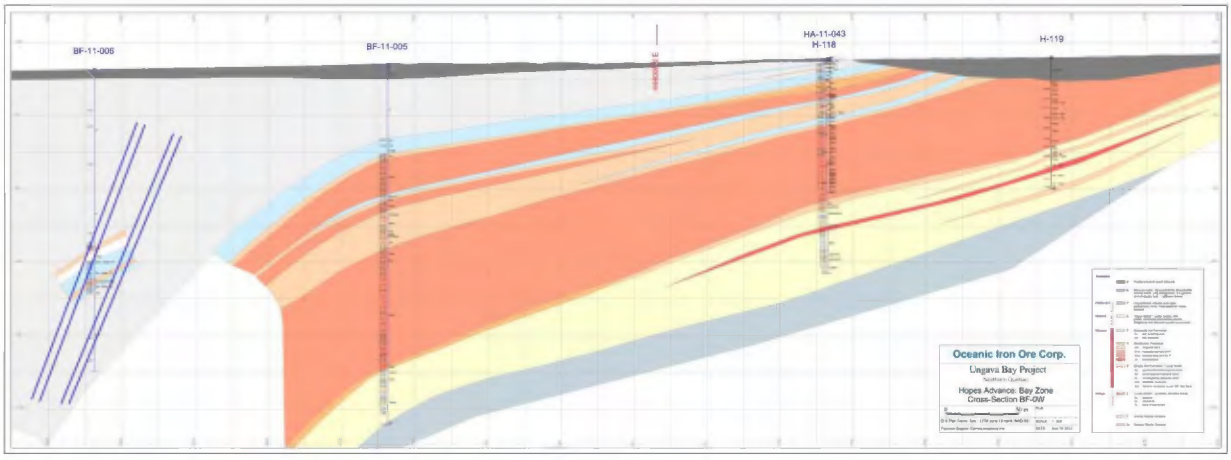


Figure 10.8. Bay Zone F Cross-section on 0+00.

Eight holes were drilled at Bay Zone E for a total of 877.7 m. Four of the holes twinned historical drill holes. The thickness of oxide iron formation intercepted varied from 39.69 m to 127.8 m. On the east side of Bay Zone E, holes HA-11-48 (31.5% total Fe over 84.65 m) and HA-11-49 (32.0% total Fe over 127.80 m) intersected thicker iron formation sequences and demonstrates a thickening of the iron formation sequence eastward, probably due to folding. The zone also demonstrates thickening to the east and plunges to the southeast. The twinned holes have comparable grades but with improved thicknesses (Figure 10.9). The average grades vary between 30.5% total Fe and 32.8% total Fe. On the section 30+00 the drill hole HA-11-044 twiined hole H116 with a cover of 9.4 m consisting with overburden (1.4 m) and quartzose sediments followed by 54.5 m of iron formation with alternating magnetite, hematite-magnetite and more abundant sequences of magnetite-hematite and magnetite iron formation grading 31.7% total Fe over 51.78 m and underlain by magnetic schists. On the section 20+00 the drill hole HA-11-045 twins the drill hole H114 and has a cover of 8.4 m with overburden (1.6 m), quartzose sediments and magnetic quartzose sediments and increasing in magnetite near the iron formation contact. These are followed by 39.5 m of iron formation consisting in magnetite and alternating hematite-magnetite and magnetite-hematite iron formation grading 32.2% total Fe over 51.78 m and underlain by magnetic schists. On this same section 20+00 and at 98.85 m to the south-southeast is the exploration drill hole HA-11-046 with a cover of 37.2 with overburden (9.5 m), schists, quartzose sediments and magnetic quartzose sediments followed by 39.5 m of magnetite, hematite-magnetite, magnetite-hematite and alternating hematite-magnetite and magnetite iron formation grading 30.5% total Fe over 39.69 m and underlain by quartzites. On the section 10+00 the drill hole HA-11-047 twinning the drill hole H113 has a cover of 19.3 m of overburden (7.0 m), quartzose sediments and magnetic quartzose sediments followed by 56.1 m of alternating magnetite, magnetite-hematite and hematite-magnetite iron formation grading 32.5% total Fe over 45.95 m and underlain by magnetite-hematite schists. Further south, 94.63 m on the same section 10+00 is the exploration drill hole BE-11-001 that has a cover of 61.3 m with overburden (9.0 m), schists, quartzose sediments, magnetic quartzose sediments, followed by 70.8 m of iron formation with alternating magnetite-hematite and hematite-magnetite iron formation and with one magnetite iron formation grading 32.8% total Fe over 66.53 m and underlain by magnetic schists. At 303.8 m east is the section 0+00 with the thickest iron

formation widths in the Bay Zone E and especially seen with the drill holes HA-11-048 and HA-11-049. The drill hole HA-11-048 twins the historical drill hole H89 and has a cover of 7.8 m with overburden (4.3 m) and magnetic quartzose sediments followed by a thick iron formation unit of 110.5 m of magnetite iron formation and alternating hematite and magnetite-hematite iron formation, and finally alternating with magnetite-hematite and magnetite iron formations grading 31.5% total Fe over 84.65 m and underlain by magnetic schists with cummingtonite. The exploration drill hole HA-11-049 is 193.5 m south of drill hole HA-11-048 and it is covered by 48.4 m of overburden, quartzose sediments and magnetic quartzose sediments and becoming stronger near the iron formation contact and followed by a thick sequence of iron formation of 136.0 m with alternating magnetite and magnetite-hematite iron formation followed by hematite-magnetite and magnetite iron formation, followed by a sequence of mainly hematite-magnetite iron formation and completed with the magnetite iron formation grading 32.0% total Fe over a width of 127.8 m and underlain by magnetic schists with cummingtonite.

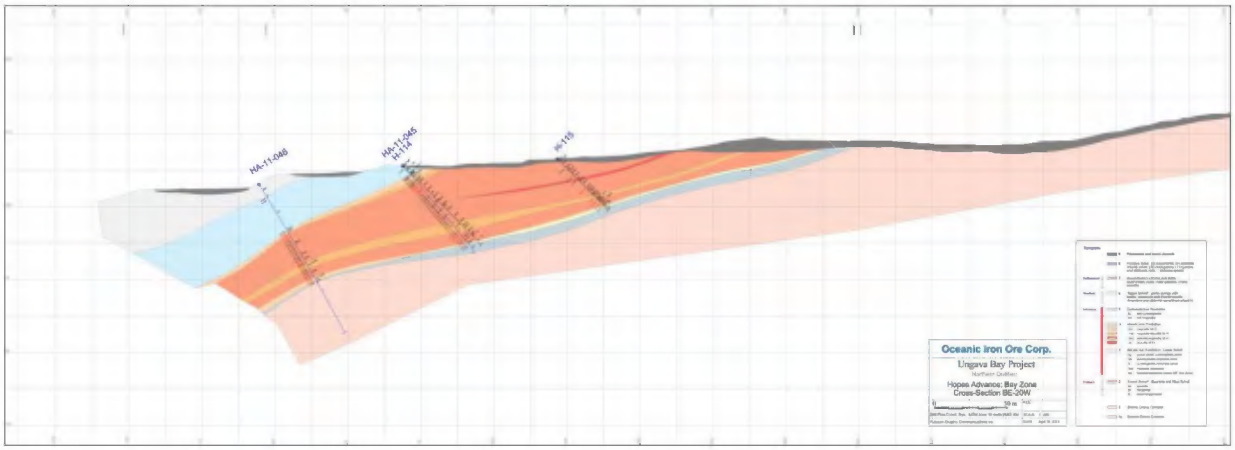


Figure 10.9. Bay Zone E Section 20+00W.

Five holes were drilled at Bay Zone D for a total of 619.1 m. Three of the holes were twins of historical drill holes. The thickness of oxide iron formation intercepted varied from 34.24 m to 70.30 m. The iron formation in Bay Zone D dips gently to the south and maintains a consistent thickness down-dip. The grades vary from 30.8% total Fe to 34.3% total Fe (Figure 10.10). The thickest intersection is in hole HA-11-052 which grades 32.3% total Fe over 70.30 m. The western section 19+77 has the drill hole HA-11-050 twinning the historical drill hole H87 and is covered by 21.7 m of overburden (1.5 m), quartzose sediments and magnetic quartzose sediments followed by 63.7 m of alternating magnetite, hematite-magnetite, magnetite, magnetite-hematite and hematite and completed two sequences of alternating magnetite and magnetite-hematite iron formations with the iron formations grading 30.8% total Fe over 59.36 m and underlain by magnetic schists with cummingtonite. The next section to the east, 11+00, has the drill hole HA-11-051 twinning the drill hole H84 and has a cover of 18.3 m of overburden (0.4 m), quartzose sediments, and magnetic quartzose sediments becoming richer in magnetite near the iron formation, followed by three sequences of alternating magnetite, magnetite-hematite and hematite-magnetite and completed with a magnetite iron formation and the iron formation grade 32.2% over 69.82 m and underlain with magnetic schists. The second

hole the section 11+00 is an exploration hole HA-11-052 and it extends the iron formation south and it is covered with 25.2 m of overburden (1.0 m), quartzose sediments and magnetic quartzose sediments and becoming more magnetic near the iron formations. These are followed by 74.1 m of two alternating magnetite, magnetite-hematite and hematite-magnetite and completed with a magnetite iron formation and the iron formations grade 32.3% total Fe over 70.3 m and are underlain by magnetic schists with cummingtonite. On the next section to the east, 0+00 is the drill hole HA-11-053 twinning the drill hole H83 with a cover of 24.4 m of overburden (1.6 m), quartzose sediments and carbonated magnetic quartzose sediments followed by 41.8 m of a sequence of magnetite, magnetite-hematite, hematite-magnetite, magnetite and magnetite-hematite iron formation grading 34.3% total Fe over 34.24 m and underlain by magnetic schists. On the same section is the exploration drill hole HA-11-054 covered by 40.3 m of overburden (2.3 m), quartzose sediments and magnetic quartzose sediments with some carbonate followed by 66.5 m of magnetite, magnetite-hematite, hematite-magnetite. Magnetite-hematite and magnetite iron formation sequences grading 32.8% total Fe over 65.05 m and underlain by garnet bearing magnetic schists with some cummingtonite.

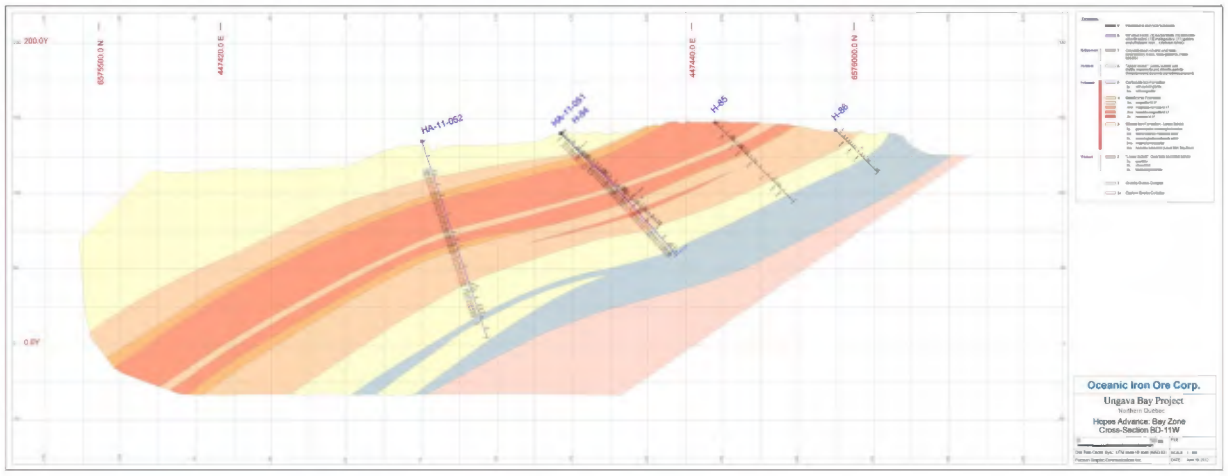


Figure 10.10. Bay Zone D Section 11+00W.

Seven holes were drilled at Bay Zone C for a total of 638 m. Five of the holes were twins of historical drill holes. The thickness of oxide iron formation intercepted varied from 28.22 m to 106.15 m. The grades of the five twinned holes improved upon the historical drill holes, grading from 29.8% total Fe to 36.0% total Fe. The iron formation in Bay Zone C is thickest on the west side of the zone and maintains a consistent thickness in each section, dipping to the south. The thickest intersection is in hole HA-11-056A grading 32.2% total Fe over 106.15 m. The section 40+00 in the west part has the drill hole HA-11-055 that twins the drill hole H58 has a cover of 33.4 m of overburden (5.8 m), quartzose sediments, and magnetic quartzose sediments with some carbonate followed by 61.6 m of magnetite, magnetite-hematite and magnetite iron formation sequence grading 36.0% total Fe over 57.02 m and underlain by magnetite schist with some cummingtonite (Figure 10.11). The next section 30+00 has the drill hole HA-11-056A twinning the drill hole H57 and covered by 38.6 m of overburden (5.9 m), quartzose sediments and magnetic quartzoses sediments with some cummingtonite and carbonate followed by 43.6 m

of iron formation sequence with magnetite bearing iron formations followed by 28.0 m of garnet bearing magnetic schist cummingtonite and some magnetic schists with cummingtonite with some magnetite iron formation, followed by 5.3 m of magnetite iron formation, followed by magnetic schists with cummingtonite and carbonate followed by 15.0 m of magnetite iron formation, the iron formation sequences including the magnetite schists grade 32.2% total Fe over 106.15 m and is underlain by magnetic schists with cummingtonite and carbonates. On the next section to the east is 20+00 with the drill hole HA-11-057 twinning the drill hole H55 cover with 14.2 m of overburden (1.8 m) and quartzose sediment with some magnetite followed by 40.0 m of iron formation with alternating magnetite-hematite and hematite-magnetite iron formation grading 32.3% total Fe over 49.98 m underlain by magnetic schists with garnets and cummingtonite. On the next section to the east is 10+00 with the drill hole HA-11-058 twinning the historical drill hole H53 with a cover of 31.3 m of overburden (1.5 m) with strongly magnetic quartzose sediments with cummingtonite and more magnetic quartzose sediments, these grade 29.8% total Fe over 28.22 m and underlain by magnetic schists with garnets. The exploration hole HA-11-059 occurs on the section 10+00 has a cover of 64.0 m of overburden (9.65 m), schists, quartzose sediments with cummingtonite and magnetic quartzose sediments with cummingtonite followed by 37.58 m of magntite iron formation grading 33.2% total Fe over 40.51 m and Underlain by magnetic schist with cummingtonite and garnets. On the next section to the east 0+00 is the exploration drill hole HA-11-060 with a cover of 2.5 m of overburden followed by 31.8 m of iron formation with hematite-magnetite iron formation and two alternating sequences of magnetite and magnetite-hematite iron formation and completed with a magnetite iron formation grading 33.1% total Fe over 40.59 m and followed by 16.8 m at 34.3 m of magnetic schists with cummingtonite and magnetic schists with garnets followed by 4.5 m at 51.1 m of hematite-magnetite iron formation grading 26.3% total Fe over 4.5 m and underlain by magnetic schists with cummingtonite and garnets.

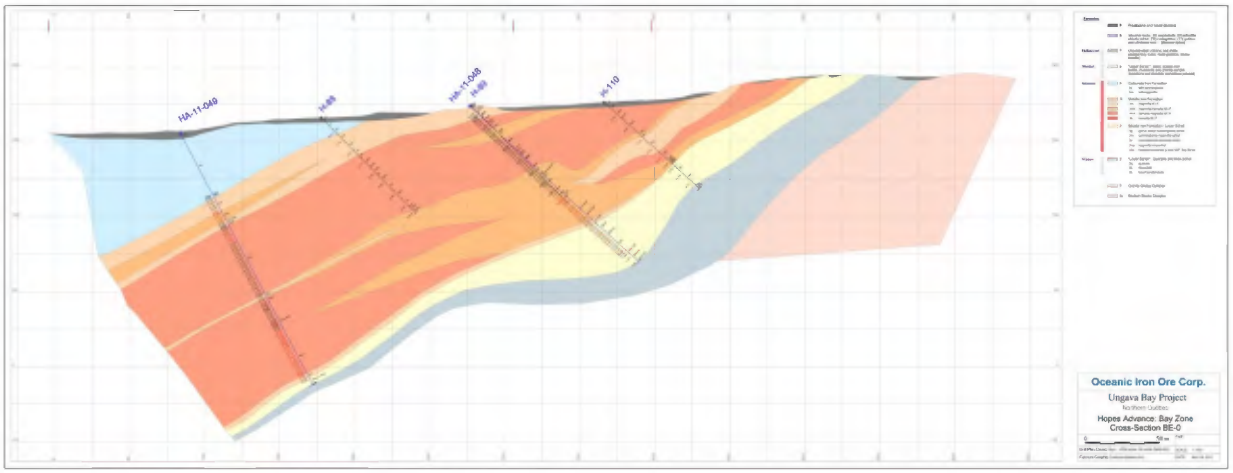


Figure 10.11. Bay Zone C Section 40+00W.

Four holes were drilled at Bay Zone B for a total of 381 m. Three holes were twins of an historical drill holes. The thickness of oxide iron formation intercepted varied from 30.43 m to 99.07 m. The thickest intersection is in hole HA-11-063 grading 35.9% total Fe over 99.07 m.

Trench TR-H12AB1 was excavated near drill holes HA-11-063 and BB-11-001 which grades 35.8% total Fe over 91.54 m. Sampling of the trench returned a grade of 34.9% total Fe over 107.15 m on the surface. The thickest intercepted iron formation is on the east side of the zone in drill holes HA-11-063 and BB-11-001, and trench TR-H12AB1. The zone dips south-southeast. The first section to the west is 50+00W with the drill hole HA-11-061 twinning the drill hole H21 and with a cover of 22.4 m of overburden (2.4 m) followed by magnetic quartzose sediments with cummingtonite, quartzose sediments with cummingtonite and magnetic quartzose sediments with cummingtonite and followed by 44.6 m of iron formation consisting of magnetite, magnetite-hematite, hematite-magnetite, magnetite and cummingtonite bearing magnetite iron formation grading 35.5% total Fe over 43.46 m and underlain by magnetic schists with cummingtonite and garnets. The next section to the east, 40+00 is the drill hole HA-11-062 twinning the drill hole H17 with a cover of 2.5 m of overburden followed by 19.65 m of iron formation with magnetite-hematite and magnetite iron formation followed by 27.85 m of schists – magnetic schists with cummingtonite, magnetic schists with cummingtonite and garnets and hematite-garnet schists followed by 2.75 m of hematite iron formation. The iron formation grades 35.2% total Fe over 39.43 m and underlain by magnetic schists with garnets. The next section 30+00 has the drill hole HA-11-063 twinning the drill hole H12 has a cover of 13.0 m of overburden (3.0 m) and with magnetic quartzose sediments followed by 111.0 m of iron formation with magnetite and three sequences of magnetite-hematite and hematite-magnetite iron formation followed by magnetite-hematite, silicified and cummingtonite magnetite iron formation and silicified magnetite-hematite and hematite-magnetite iron formation grading 35.9% total Fe over 99.07 m and underlain by cummingtonite magnetic schists. The next section 20+00 has the exploration drill hole BB-11-001 cover by 14.05 m of overburden (6.75 m) followed by magnetic quartzose sediments and quartzose sediments, followed by 32.45 m of iron formation with magnetite, silicified magnetite-hematite, silicified magnetite, cummingtonite magnetite, silicified magnetite, silicified hematite-magnetite, silicified magnetite and cummingtonite magnetite iron formation followed by 12.0 m of magnetite quartzose sediments with cummingtonite followed by cummingtonite magnetite, silicified magnetite, silicified hematite-magnetite, silicified magnetite, silicified hematite-magnetite, silicified magnetite, and magnetite iron formation with cummingtonite grading 35.8% total Fe over 91.54 m and underlain by magnetic schists with cummingtonite. On the same section at 35.5 m to the north is a channel TR-H12AB-1 taken over a continuous outcrop with iron formations (Figure 10.12). The channel starts on the south side with 5.0 m overlying unit of magnetic quartzose sediments followed by 95.0 m of iron formation with magnetite, hematite-magnetite, magnetite, magnetite-hematite, hematite-magnetite, hematite-magnetite and hematite, hematite-magnetite and magnetite iron formation grading 34.9% total Fe over 107.15 m and underlain by magnetic schists with cummingtonite.

One hole was drilled at Bay Zone A. The drill hole HA-11-064 was 60-m deep and intercepted 24.24 m of iron oxide iron formation grading 36.6% total Fe (Figure 10.13). There is a flexure in the trend of the iron formation between Bay Zone B and Bay Zone A and a rapid thinning of the iron formation at Bay Zone A. The drill hole HA-11-064 has a cover of 15.9 m of overburden (4.2 m) followed by schists and magnetic quartzose sediments followed by 27.4 m of iron formation with magnetite, hematite-magnetite and magnetite iron formation grading 36.6% total Fe over 24.24 m and underlain by magnetic schists with cummingtonite.The iron formation along the Bay Zone tends to carry both magnetite and hematite with succesions of magnetite,

magnetite-hematite and hematite-magnetite. The total iron assays vary between 29.0% and 37.9% with weight recoveries of 40.08% and iron recoveries of 81.01% at 4.5% SiO_2.

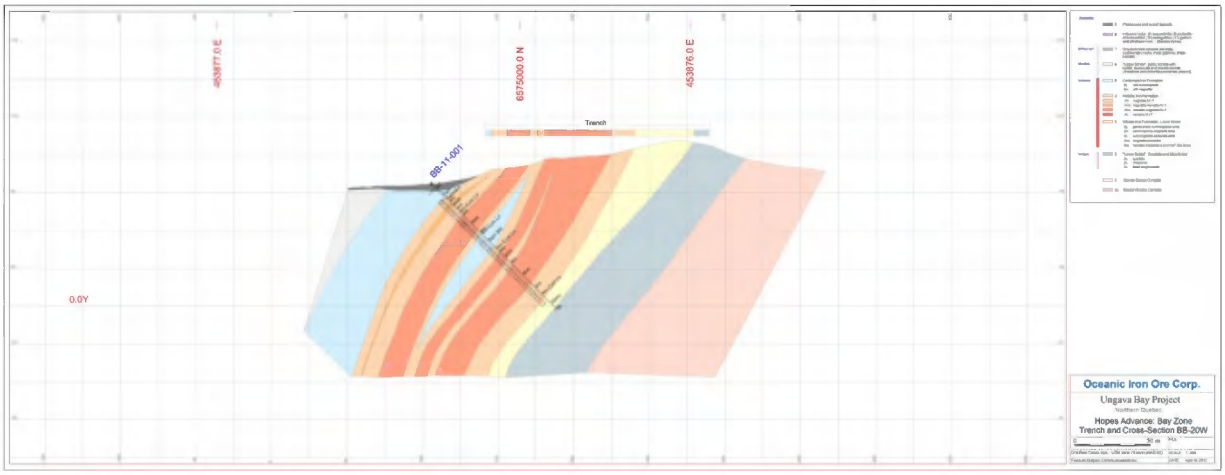


Figure 10.12. Bay Zone B Section 20+00W.

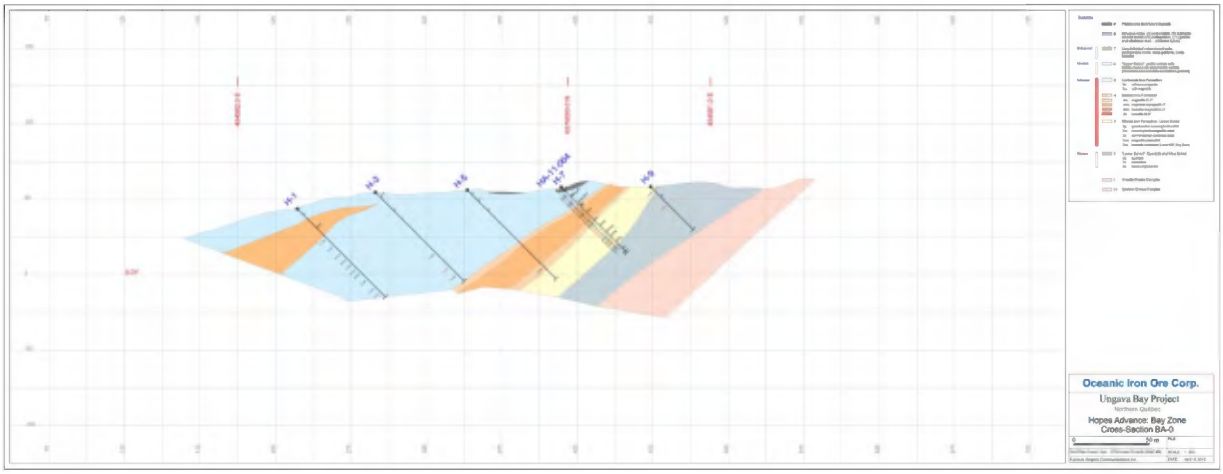


Figure 10.13. Bay Zone A Section 0+00W.

10.2.1.6 McDonald Zone Drilling

The McDonald Zone is located at 6.1 km west of Castle Mountain. Four holes were drilled, MC-11-040, MC-11-045, MC-11-060 and MC-11-001, for a total of 281 m. Three of the holes were twins of historical drill holes. The thickness of the oxide portion of the iron formation varies from 3.78 m to 48.49 m with grades varying from 25.4% total Fe (MC-11-060) to 32.6% total Fe (MC-11-045) (Figure 10.14).

The oxide portion of the iron formation is composed of hematite-magnetite, hematite and magnetite. The McDonald Zone carries both magnetite and hematite and the are slightly lower

than in the other zone. The hematite appears as specularite and is medium-grained and often friable.

The first section to the north is the section McDonald North with the drill hole MC-11-040 twinning the drill hole C-40 with a cover of 3.4 m of overburden followed by 21.89 m of iron formation with two sequences of magnetite-hematite and hematite-magnetite iron formation grading 27.6% total Fe over 18.37 m and underlain by magnetic schists. The next section to the south is the McDonald Middle North section with the exploration hole MC-11-001 23.7 m of overburden followed by 39.3 m of iron formation with hematite-magnetite, a series of two magnetite units with some schist, hematite unit and two magnetite iron formation units grading 30.4% total Fe over 21.9 m and underlain by mica schists. The next section to the south is the section McDonald Middle with the drill hole MC-11-045 twinning the drill hole C-45 with 4.4 m of overburden followed by 57.3 m of iron formation with hematite-magnetite, hematite, hematite-magnetite and magnetite iron formation grading 32.6% total Fe over 48.49 m and underlain by magnetic schists. The last section to the south is the section McDonald South with the drill hole MC-11-060 twinning the drill hole C-64 covered by 14.1 m of overburden followed by 12.35 m of magnetite, hematite, and magnetite iron formation grading 25.4% total Fe over 3.78 m underlain by magnetic schists with some hematite. The grades in the last section and drill hole is lower than the other three holes. The iron formation appears to be closing off to the south of this section. However north of the section McDonald North, the iron formation may extend further north.

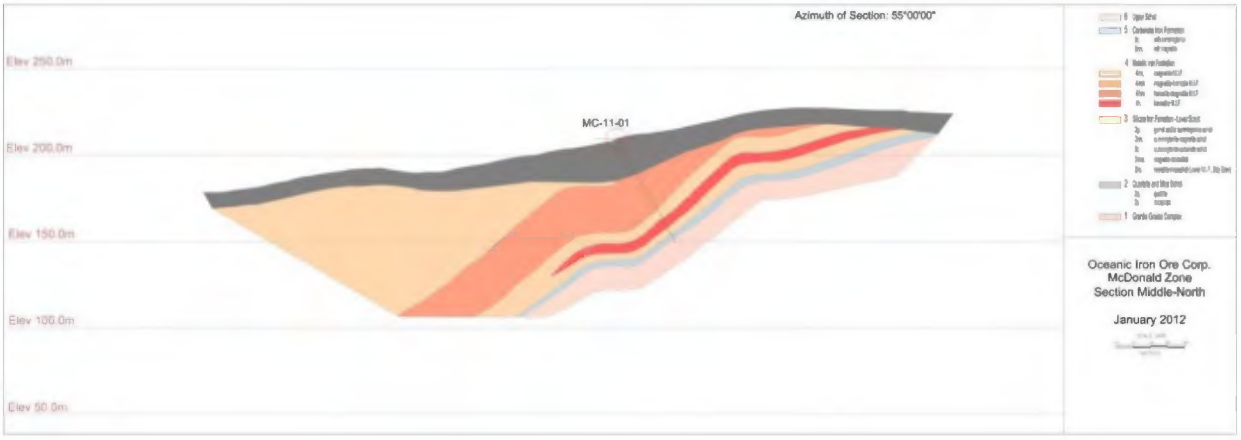


Figure 10.14. McDonald Zone Section Middle North.

10.2.1.7 Iron Plateau Drilling

A large circular magnetic anomaly north of Castle Mountain is referred to as Iron Plateau (See Figure 9.2). Most of the iron formation in this area is covered by glacial deposits. Outcrops of flat-lying, magnetite-rich iron formation were identified on the northern margin of the magnetic anomaly. Iron Plateau had not been identified in the 1950s and, hence, no drill holes targeted the area at that time. Several exploration drill holes were designed to test the anomally. One hole, HA-11-080, intercepted iron formation at a depth of 39.2 m on the east side of Iron Plateau, with a grade of 28.4% total Fe over 50.82 m (Figure 10.4). Hole IP-11-001, 631.9 m west of HA-11-080, was drilled to a depth of 57 m and did not penetrate the iron formations which may be deeper. On section 130+00 (Figure 10.3), the historical hole P-93 demonstrated an intersection of 18.35 m of iron formation grading 30% soluble iron over 17.98 m and continuity to the west. The airborne magnetic survey shows that the Iron Plateau zone is a bowl-shaped iron formation feature similar to that at Iron Valley, with a diameter of 3.0 to 3.5 km.

Several drill holes will be planned on Iron Plateau: approximately 2,060 m in 30 holes.

10.3 GEOTECHNICAL AND CONDEMNATION DRILLING PROGRAM 2012

A geotechnical drilling investigation program was carried out in 2012 for a total drilled depth of 100.5 m.

Four geotechnical holes (BH-12-01b to BH-12-04) were drilled east of the Iron Valley pit in order to test characterize ground conditions under the selected tailings dam siteproposed tailings management facility and one hole (BH-12-05) was located at the proposed concentrator site. Holes BA-12-01A, BA-12-03A and BA-12-03B had to be repeated due to adjacent boreholes were drilled at some locations to penetrate difficult ground conditions (e.g., boulders).

The drill holes were 10.58.8 m to 18.5 3 m in depth and overburden varied from 4.5 m to 14.0 m in depth. The drill hole BH-12-01B is 10.5 m deep and has 6 m of overburden and is underlain by dioritic gneisses up to a depth of 10.5 m, and no iron formations were observed in the drill hole. The drill hole BH-12-02 is 10.5 m and has 6.0 m of overburden and is underlain by quartz-feldspar gneisses with biotite down to 10.5 m. The drill hole BH-12-03C is 18.5 m deep and has 14.0 m of overburden and is underlain by a medium grain gneissic tonalite down to 18.5 m. the drill hole BH-12-04 is 14.5 m deep and has 8.33 m of overburden and is underlain by a light grey gneissic tonalite down to 14.5 m. The drill hole BH-12-05 is 15.0 m deep and has 4.5 m of overburden and is underlain by tonalities to granodiorites that are fractured and penetrated by a minor quartz veinlets (1% to 2%) between the interval of 12 m and 15 m.

There was no oxidation or sulphide mineralization observed in these holes. None of these drill holes had any underlying iron formation. No sampling of the core was performed as no mineralization, no sulphides and no iron formation was seen in the core. The drill holes were performed to do geotechnical studies in the tailings dam area (BH-12-01 to BH-12-04) and at the plant site (BH-12-05) but also to do condemnation drill and to verify if iron formations may be present.

11.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

The core sampling protocol for the 2011 drilling program was established under the supervision of Mr. Eddy Canova, P.Geo., OGQ, Director of Exploration for Oceanic.

The core boxes were covered with wooden lids that were secured with wire ties at the drill site. The wooden core boxes were transported by helicopter from the drill site to the village of Aupaluk in sling nets. The boxes were then brought to the core shack, the covers removed, and the boxes placed onto logging tables for logging.

The placement of measuring blocks and core recovery were verified by measuring all of the core and determining the core recoverey every 3 m and recording the measured recovery in a recovery table. The RQD (rock quality determination) is measured every 3 m and recorded in the physical property table.

The lithology and fabrics were described in detail. Rock types were assigned codes to assure consistent core logging and sampling. The rock codes used are those that were used in the 1950s (6, 5, 5a, 5am, 4m, 4mh, 4hm, 4h, 3sm, 3smh, 3sc, 3sg, 2, 2b, and 1). The rock types were fully described, color of the unit, grain size, main oxides observed, textures, fabrics were measured relative to the core axis and recorded, alteration, main minerals in percentages, and a detailed description of the unit. Narrower units, veins or dykes are entered into the secondary geology table, and the same information is entered as the main units. The magnetic susceptibility of the core was recorded for the entire length of each drill hole. The data for each drill hole is entered in a spreadsheet, with separate worksheets for collar, survey, geology, assay, metallurgical, RQD and magnetic susceptibility data.

After the core was measured, fitted together and described, digital images were acquired of consective core boxes in groups of four. Each image acquired includes a card indicating the hole identification numbers, box numbers, and depth identification. Digital records of all the images are stored with the data for each drill hole.

Samples of mineralized material and waste were collected and submitted for chemical analysis. Both types of samples were collected with a minimum length of 30 cm, a maximum length of 2 m, and honoured geological contacts. A sample tag was inserted at the start of the core sample and stapled to the core box with a sample number and two stubs. The sample number, sample interval, width of sample along the drill length, comments about the sample collected, are entered in the drill hole log. The sample booklets were supplied by ALS Chemex from Val-d'Or and contain tags with unique numbers.

The core was split with a hydraulic splitter and half of the core was retained in the core box and the remaining half put into doubled plastic sample bags. The sample number was written on the plastic bag and a sample tag with a bar code was placed inside the sample bag. A sample tag for a duplicate analysis was inserted every 25th sample. Five or six bags of consecutive samples were put into rice bags, placed on pallets, and stored in a secure area at the airport in Aupaluk. The accumulated samples were inventoried and a manifest was created with details of the shipment. The samples were flown weekly from Aupaluk to Val-d'Or.

The majority of samples were sent to ALS Chemex in Val-d'Or for sample preparation and chemical analysis. Some samples were sent to AGAT Laboratories for sample crushing and pulverizing and then shipped to SGS Mineral Services (SGS) in Lakefield, Ontario, for chemical analysis. A rotary splitter was used to create splits for shipment to SGS for metallurgical analysis. Every 25th sample had an additional split collected for duplicate analysis. Every drill hole at Hopes Advance and Roberts Lake had composite samples sent to SGS for metallurgical analysis and characterization. At Hopes Advance, 611 composite samples were produced and 12 composites at Roberts Lake. Each hole had composite samples selected and samples were regrouped assay samples within a geological unit to form a composite of one sample, or as much as 10 samples, within the same geological unit and composite sample.

All samples were pulverized to 90% passing 100 mesh and split using a rotary splitter at ALS Chemex in Val-d'Or, or by AGAT Laboratories in Sudbury, Ontario. One split was used for chemical analysis and another split was retained for metallurgical analysis. All mineralized material and waste samples were analyzed with the same analytical suite that included: whole rock XRF, loss on ignition, C and S (by LECO combusion analyzer), and ferrous Fe. Specific gravity was determined on every fifth sample. Most of the chemical analyses were determined by ALS Chemex in Val-d'Or. The XRF whole rock analysis included the following elements reported as oxides or elements: Al_2O_3, As, Ba, CaO, Cl, Co, Cr_2O_3, Cu, Fe, K_2O, MgO, Mn, Na_2O, Ni, P, Pb, S, SiO_2, Sn, Sr, TiO_2, V, Zn, and Zr. Ferrous iron was determined by titration. A suite of characterization samples that were selected as being representative of each rock type were collected from each drill hole. The characterization samples in addition to the analyses just described included ICP analyses (34 elements) and samples submitted for mineralogy and petrography.

The analytical results in combination with rock descriptions were used to identify intervals to be composited for metallurgical test work at SGS.

Each of ALS Chemex, AGAT Laboratories and SGS are independent of Oceanic.

The ALS Chemex laboratory in Val d'Or (1324 rue Turcotte, Val d'Or, QC, J9P 3X6) is certified to standards within ISO 9001:2008. AGAT Laboratories (2054 Kingsway, Sudbury, ON, P3B 4J8) is certified under ISO 9001:2008. SGS (185 Concession Road, Lakefield ON, K0L 2H0) is certified under ISO/IEC 17025.

It is the opinion of the Qualified Person that the sample preparation, security and analytical procedures used in the Oceanic drill program are appropriate.

12.0 DATA VERIFICATION

The casings, holes, and stakes with tags of several drill holes from the 1950s drilling program were identified and located with GPS. Core logging procedures, data entry, and core sampling procedures were established for the drilling program and recently recovered drill sections from the 1950s drilling program were reviewed.

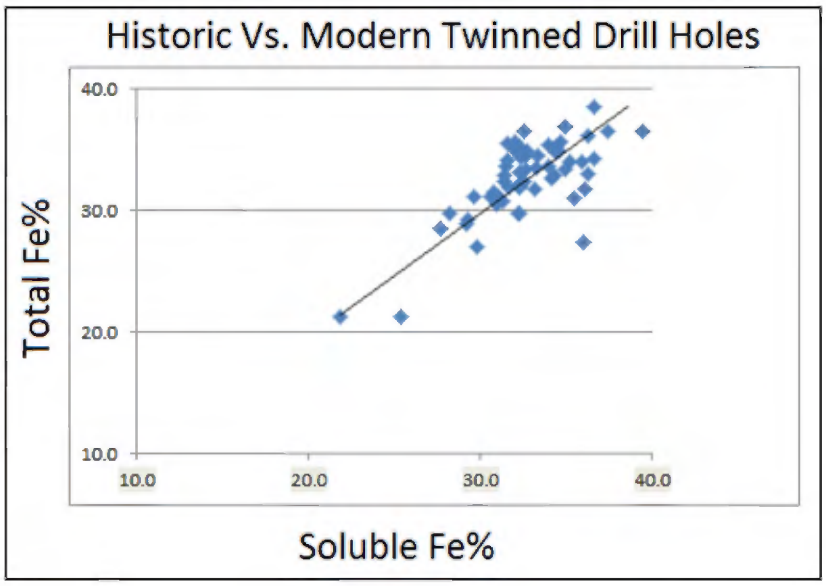
The criteria for the identification of rock types were reviewed to assure consistent identification of rock types. Three trenches from the 1950s work at Castle Mountain were identified and located with hand-held GPS.

12.1 VERIFICATION OF THE HISTORIC EXPLORATION DRILLING RESULTS

In order to verify the historic drilling results, Oceanic twinned one to two drill holes per cross-section at all of the historically identified iron deposits at Hopes Advance. All of the historically drilled exploration holes were located on the surface and surveyed. One to two historic holes per cross-section were then selected and twinned. A total of 67 drill holes were twinned totalling 6,400 m of drilling. These 67 holes were compared to the historic logged geology and found to closely match the modern results. The result of geological logging was, for all practical purposes, identical to the twinned historic drill holes. The composites from the 67 twinned holes were compared to the modern drill holes and covered 2,015 m of composite sample intervals totalling 1,721 m. A comparison of these twinned assay results is shown below in Figure 12.1.

Figure 12.1

Comparison Between Historic and Oceanic Drilling Results at Hopes Advance



Other than a few outliers, the vast majority of the modern results fall within the expected normal assay ranges expected for iron assays. For all of the twinned assays results to date, the average weighted iron assay is 33.2% versus the modern assay of 33.0%. This close relationship, along with the consistency between the historic and modern geologic logging, validates the historic geologic and assay results. Because of this, the historic data were used without modification in the resource estimation described below.

It is the opinion of the Qualified Person that the data have been verified and are suitable for use in the mineral resource estimate.

13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

Two metallurgical programs were designed to assess the resource at Hopes Advance. The first program provided weight recovery and concentrate quality data on composites from drill holes at Hopes Advance that were used to further define the mineral resource. Approximately 630 composite samples, 611 of which were from Hopes Advance and the remainder from the Kayak Bay area, constituting representative samples from the mineral resources under study, were analyzed for characterization purposes. A pilot plant program is currently underway at SGS to develop a processing flowsheet.

As part of the characterization program SGS determined weight recovery and concentrate grade data on composites from Hopes Advance. Since the Castle Mountain deposit contains both hematite and magnetite (hematite >magnetite), a program was designed to simulate recoveries that could be expected in a concentrating plant using gravity separation followed by regrinding and low intensity magnetic separation (LIMS). A series of grind grade tests were first conducted to determine an appropriate grinding method and grinding time to achieve good liberation of hematite. Stage pulverizing, dry rod mill and wet rod mill grinding methods and grinding times were compared. The gravity circuit is simulated by a single stage of dry rod mill grinding to 80% passing 150 mesh (106 μ) followed by gravity recovery using a Mozley table. This stage recovers relatively coarse grained hematite and aggregates of magnetite and magnetite and hematite. The regrinding and magnetic circuit was simulated using Davis tube testing. Davis tube tests were run on Mozley table tails when normalized iron recovery (normalized to 4.5% SiO_2) was less than 70% and the magnetite content of a sample (analyzed using a Satmagan analyser) was greater than 15%. The Satmagan analyser is designed to measure the magnetite content of a sample. The tailings were then ground to 100% passing 400 mesh and passed through a Davis tube to recover the magnetite. The concentrate from the Mozley table test and the Davis tube test were combined to produce a total concentrate weight recovery and concentrate grade. Composite intervals were selected from samples within geologic units, are continuous, and have similar chemical characteristics.

The characterization program determined that concentrate with good chemical characteristics can be produced using gravity separation and that recoveries can be improved by additional grinding of spiral tails followed by LIMS. The characterization program also indicated that concentrate of good quality, weight and iron recovery may be achievable with gravity separation alone.

In September and October, 2011, a 250-t bulk sample was collected from four zones, Castle Mountain, West Zone 2, West Zone 4 and Bay Zone F, which are the principal deposits included in the resource estimate. The bulk sample is being used for pilot plant tests and flowsheet development by SGS currently underway.

13.1 METALLURGICAL TEST RESULTS

SGS analyzed approximately 630 composite samples from Hopes Advance (611) and Kayak Bay. This included duplicates samples (QA/QC) and a few samples of underlying mica schists

that contained magnetite and hematite. Results from the duplicate analyses and the mica schists are not included in the following discussion.

In order to ensure that the results of the metallurgical analysis presented herein are representative of the material included in the resource estimate (which was estimated using a 25% total Fe cut-off grade), a total of 507 composites with head grade greater than 25% Fe were considered in the overall analysis. The distribution of the composites across the Hopes Advance deposit areas is summarized in Table 13.1.

Table 13.1

Summary of Distribution of 507 Composites with Head Grade Greater than 25% Fe

Deposit	No. of Composites	Total Length (m)	Avgerage Composite Length (m)
Castle Mountain	150	1,533.3	10.22
Iron Valley	60	570.2	9.50
Bay Zone	206	2,119.1	10.29
West Zone	91	881.8	9.69

Table 13.2 summarizes the concentrate grade and iron recovery resulting from the gravity recovery (Mozley table) analyses. The testing was designed to achieve a concentrate with a grade of 4.5 wt% SiO_2, which is the current accepted specification for iron concentrates for the integrated steel market. The 4.5% SiO_2 concentrate grade and recovery were calculated by adding Mozley table middlings and tailings to concentrate as necessary to achieve a concentrate grade with 4.5% SiO_2.

Table 13.2

Summary of Gravity Recovery (Mozely Table) Concentrate Grade and Recovery at 4.5% SiO_2

Deposit	Weighted Average				
	Head Grade		Concentrate Grade		Iron Recovery (%)
	Fe (%)	Satmagan[1] (%)	Fe (%)	SiO_2 (%)	
Castle Mountain	32.8	15.0	65.78	4.50	75.68
Iron Valley	33.2	12.5	66.05	4.50	77.01
Bay Zone	33.0	27.8	66.83	4.50	71.35
West Zone	34.0	19.9	65.44	4.50	64.98

[1] Magnetite content using a Satmagan analyzer.

As noted above, Davis tube tests were run on Mozley table tails when normalized Fe recovery was less than 70% and magnetite content of a sample (Satmagan analysis) was greater than 15%. The Mozley table tails meeting these criteria were ground to 100% passing 400 mesh for the Davis tube test.

Table 13.3 summarizes the magnetic recovery (Davis tube) and concentrate grade across all deposits. It should be noted that the Davis tube concentrate from Iron Valley has an average SiO_2 content greater than 4.5%. However, Iron Valley also has the lowest magnetite content of all the deposits, and some of the samples did not liberate the minor amounts of magnetite present at a grind of 400 mesh. Hence the average Davis tube concentrate silica grade was greater that 4.5% SiO_2. During production, the concentrate silica grade from magnetic recovery would be controlled by grade control during mining and blending.

Table 13.3

Summary of Magnetic Recovery (Davis Tube) Concentrate Grade and Recovery

Deposit	Davis Tube Concentrate Grade					Davis Tube Recovery			
	Fe (%)	SiO_2 (%)	Al_2O_3 (%)	Satmagan[1] (%)	MnO (%)	Wt (%)	Fe (%)	SiO_2 (%)	Satmagan (%)
Iron Valley	66.29	7.21	0.04	91.56	0.13	19.65	77.55	2.62	95.42
Bay Zone	69.10	3.66	0.03	95.74	0.23	20.45	73.29	1.52	95.67
West Zone	68.94	3.40	0.03	94.07	0.53	18.19	62.44	1.10	94.13
Castle Mountain	69.98	2.45	0.02	96.64	0.13	15.37	62.28	0.74	94.54

[1] Magnetite content using a Satmagan analyzer.

Table 13.4 shows the overall recovery achieved by combining the gravity concentrate and the magnetic concentrate while maintaining approximately 4.5% SiO_2.

Table 13.4

Summary of Overall Concentrate Grade and Grade at Approximately 4.5% SiO_2

Deposit	Overall Concentrate Grade					Overall Recovery			
	Fe (%)	SiO_2 (%)	Al_2O_3 (%)	Satmagan[1] (%)	MnO (%)	Wt (%)	Fe (%)	SiO_2 (%)	Satmagan (%)
Bay Zone	66.96	4.46	0.03	59.15	0.28	40.08	81.01	4.38	81.06
Iron Valley	65.97	4.64	0.04	25.48	0.33	40.49	80.58	4.76	62.92
Castle Mountain	65.87	4.42	0.02	30.84	0.33	39.34	78.60	4.34	73.97
West Zone	65.81	4.34	0.03	41.28	0.73	38.80	74.58	4.40	72.50

[1] Magnetite content using a Satmagan analyzer.

Combined recovery methods at the high gravity recovery deposits (Bay Zone, Iron Valley and Castle Mountain) achieved weight recoveries and iron recoveries above or approaching 40% and 80%, respectively.

13.2 HISTORICAL METALLURGICAL TESTWORK

Considerable metallurgical work was done on Hopes Advance in the late 1950s. This metallurgical work was used to design a flowsheet using spirals followed by LIMS. Most of the

historic resource estimate was based on soluble iron assays supplemented with metallurgical work on a few drill holes, and the results of metallurgical testing on a bulk sample from Castle Mountain. A summary report by Lone Star Mining and Exploration published in 1973 demonstrates that concentrate weight recoveries of 40% at 5% SiO_2 were achieved with the spirals and magnetic separation alone. The results from the current metallurgical test work confirm the historic metallurgical work in that the iron in both the hematite and magnetite mineralization is largely recovered by gravity due to the apparent inter-grown magnetite with the hematite and the aggregation of magnetite grains.

13.3 CONTINUING METALLURGICAL TESTWORK

As noted above, a 250-t bulk sample has been collected and shipped from the site in anticipation of a pilot plant test program which is currently underway.

13.4 WEIGHT RECOVERY DETERMINATION

Linear regression analyses were completed on the metallurgical data derived from characterization work on drill core in order to determine the best relationship between iron head grade versus weight recovery for major areas of the iron resource. Weight recoveries were normalized to reflect a common concentrate grade, in this case 4.5% SiO_2. These areas included Castle Mountain, Iron Valley, Zone 2 and Zone 4 (West Zones) and all of the Bay Zones. Equations were derived for each of the deposits by plotting head iron for each sample against the weight recovery produced from the Mozley table and Davis magnetic tube testing, and performing a least squares analysis of the data. The analyses applied the rule of a 25% total Fe cut-off grade. Data from deposits showing similar linear relationships were combined and three distinct equations were derived, representing Castle Mountain/Iron Valley, the West Zones and all the Bay Zones.

The regression analyses showed good correlation with R squared values in excess of 0.7 for all deposits.

14.0 MINERAL RESOURCE ESTIMATE

15.0 MINERAL RESERVE ESTIMATES

Historical mineral "reserve" estimates are discussed in Section 6.2.

No mineral reserve estimates have been conducted for the Ungava Iron Ore property deposits that conform with the reporting requirements of NI 43-101.

Sections 16 through 22 do not pertain to the updated mineral resource estimate. Details may be obtained from the Micon report dated 4 November, 2011 (Micon, 2011).

16.0 MINING METHODS

17.0 RECOVERY METHODS

18.0 PROJECT INFRASTRUCTURE

19.0 MARKET STUDIES AND CONTRACTS

20.0 ENVIRONMENTAL STUDIES, PERMITTING AND SOCIAL OR COMMUNITY IMPACT

21.0 CAPITAL AND OPERATING COSTS

22.0 ECONOMIC ANALYSIS

23.0 ADJACENT PROPERTIES

The Ungava Iron property is located in the Labrador Trough, which contains several current iron mining operations along with several historical iron mining operations. Oceanic has determined that the nearest active iron mining operation to the property is at Labrador City, approximately 800 km to the southeast. Immediately to the south of the Ungava iron property is the Fenimore property containing several historically identified iron deposits. This area was also explored during the 1950s. No other significant iron properties are known in the area surrounding the Ungava Iron property. (Information provided in documents supplied by Peter Ferderber to Oceanic.)

South of Aupaluk, stretching 40 km towards Tasuijuaq is a property of 347 claims held by Nickel North Exploration Corp. The property has potential for discovery of copper, nickel, platinum, palladium and gold mineralization. (Based on GESTIM Plus, www.mnrf.gouv.qc.ca, personal conversations with Nickel North Exploration and the web site of www.nickelnorthexploration.com). North of Hopes Advance approximately 25 km to 30 km is a company called Northfields Metals Inc that has a group of claims on iron formations in the area.

24.0 OTHER RELEVANT DATA AND INFORMATION

There is no other relevant data and information that has not been provided in the respective sections of this report in order to make it not misleading.

25.0 INTERPRETATION AND CONCLUSIONS

The 2012 exploration program drilled 8 drill holes, 100.5 m of drilling with 5 drill holes that were completed on the selected zones. The drill holes were drilled for geotechnical purpose and for condemnation drilling on proposed tailings dam sites and on infra structure sites. No sulphide or iron ore formations were discovered on the selected sites.

Mapping was also carried out to better define the contacts and geological structures at many of the Hopes Advances zones; Bay Zone B, Bay Zone C, Bay Zone F, Iron Valley, Iron Plateau, Zone 4, Zone 2, Northwest Zone, Zone 1, Zone 6, West Ford Lake Zone and North Hopes Advance Zone. The mapping also helped extend mineralization on the Zone 4 as well as identify new areas and better define their iron ore formations such as the Northwest Zone, Zone 1, Zone 6, West Ford Lake Zone and North Hopes Advance Zone. All of the drill program and geological mapping was under the supervision of Robert Corbeil, P.Geo., OGQ and Eddy Canova, P.Geo., OGQ.

The drill logs for the 5 drill holes that were completed are presented in the appendix and the accompanied geological map and geophysics are presented as well.

26.0 RECOMMENDATIONS

It is recommended that Oceanic proceeds with preparation of the planned Feasibility Study for the Hopes Advance project. This will include detailed environmental and social impact assessment, geotechnical and geo-mechanical investigations, metallurgical testing and analysis, port studies, engineering and marketing studies. The budget for this work, as well as for continued work on the overall development of the project (including environmental and social impact assessment work), totals approximately $16 million and is summarized in Table 26.1. These costs are in addition to project costs presented in this report.

Table 26.1

Hopes Advance Budget for Ongoing Work

Item	Cost ($)
Assays[1]	7,500
Environmental and Social Impact Assessment	3,000,000
Geotechnical and Geomechanical investigation	1,000,000
Geotechnical drilling	700,000
Metallurgical testwork and analysis engineering	500,000
Assessment requirements on claims and claims management	690,000
Claims payments	180,000
Pre-production NSR payment	200,000
Port studies[2]	1,000,000
Feasibility Study and report preparation	8,720,000
Total	**15,997,500**

[1] Assumes 75 assays at $100/assay – for drilling and mapping samples.
[2] Includes assessment of transshipment location, wave and current measurement, ice characterization at breakup.

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27.0 REFERENCES

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28.0 DATE AND SIGNATURE PAGE

"Eddy Canova" *{Signed and sealed}*

Eddy Canova, P.Geo., OGQ (403)
Oceanic Iron Ore Corp.
Effective Date: 6 November, 2012
Signing Date: 6 November, 2012

"Robert Corbeil" {Signed and Sealed}

Robert Corbeil, P.Geo., OGQ (983)
Oceanic Iron Ore Corp.
Effective Date: 6 November, 2012
Signing Date: 6 November, 2012

29.0 CERTIFICATE

I, Eddy Canova, P.Geo., OGQ, do hereby certify that:

1. I am a geologist, and Director of Exploration who is employed by, and carried out this assigment for Oceanic Iron Ore Corp., 595 Burrard Street, Suite 3083, Vancouver, British Columbia V7X 1L3, and based out of the Montreal office of Oceanic Iron Ore Corp., 999 Maisonneuve W., Suite 560, Montreal, Qc. H3A 3L4.

2. I graduated with a Bachelor of Science (Geology), from McGill University in 1977. I am a Fellow of the Geological Association of Canada and a member of the *Ordre des Géologues du Québec* (OGQ No. 403).

3. I have worked as a geologist for a total of 30 years since my graduation from university.

4. I have read the definition of "qualified person", set out in National Instrument 43-101- *Standards of Disclosure for Mineral Prospects* ("NI 43-101"), and certify that by reason of my education, affiliation with a professional association (as defined by NI 43-101) and past relevant work experience, I fulfil the requirements to be a "qualified person" for the purposes of NI 43-101.

5. I am responsible for the preparation of all sections of this Technical Report titled "Technical Report on the Drilling Program Update At Hopes Advance Bay Iron Deposits, Ungava Bay Region, Québec, Canada, NTS 24M/08, 24N05 dated June 2, 2012 (the "Technical Report") relating to the Hopes Advance Bay Project of Oceanic Iron Ore Corp.

6. I have had property visits on site during the field season of 2011 and have been on the property as recently as April, 2012.

7. I have had no prior involvement with the property that is the subject of the Technical Report.

8. I am not independent of Oceanic Iron Ore Corp., as defined in Section 1.5 of NI 43-101.

9. I have read the National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

10. As of the effective date of the Technical Report, to the best of my knowledge, information and belief, the Technical Report contains all scientific information that is required to be disclosed to make the Technical Report not misleading.

11. I consent to the filing of the Technical Report as a technical report with the Ministry of Natural Resources of Québec and to the use of this report for submission to any regulatory authority.

Dated this 6th day of November, 2012.

"Eddy Canova" *{Signed and sealed}*

Eddy Canova, P.Geo., OGQ (403)
Oceanic Iron Ore Corp.

30.0 CERTIFICATE OF QUALIFICATIONS

I, **Robert Corbeil**, P.Geo., of 7061 - 10è Avenue, Montréal, Québec, H2A-3A8 do hereby certify that:

1. I am a consultant geologist.

2. I graduated with a Bachelor of Science (Geology), from Université du Québec à Montréal (UQÀM), in 1989.

3. I am member of the Odre des Géologues du Québec (OGQ No. 983).

4. I have work as a geologist for a total of 23 years since my graduate from university.

5. I have read the definition of ¨qualified person¨, set out in National Instrument 43-101 (NI 43-101), and certify that by reason of my education, affiliation with a professional association (as defined by NI 43-101) and past relevant work experience, I fulfill the requirements to be a ¨qualified person¨ for the purposes of NI 43-101.

6. I am responsible for the supervision of the technical report titled ¨Rapport Géologique des Propriétés Roberts Lake et Armand Lake Kangirsuk (Baie d'Ungava) Nunavik, Québec¨ (the Technical Report) relating to the exploration and drilling program.

7. I have had no prior involvement with the property that is the subject of the Technical Report.

8. I am not aware of any material fact or materiel change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose wich makes the Technical Report misleading.

9. I am independent of Oceanic Iron Ore Corp., applying all the tests in section 1.5 of NI 43-101.

10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

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11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the technical Report.

Date this 6th day of November, 2012

Signed

"Robert Corbeil" {Signed and Sealed}

Robert Corbeil, P. Geo. OGQ (983)

Oceanic Iron Ore Corp.

APPENDIX 1

List of Claims as at 1 November, 2012

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
24K11	24K11	0	CDC	2249120	9/Sep/12	44.89
24K11	24K11	0	CDC	2249121	9/Sep/12	44.89
24K11	24K11	0	CDC	2249122	9/Sep/12	44.89
24K11	24K11	0	CDC	2249123	9/Sep/12	44.89
24K11	24K11	0	CDC	2249124	9/Sep/12	44.89
24K11	24K11	0	CDC	2249125	9/Sep/12	44.88
24K11	24K11	0	CDC	2249126	9/Sep/12	44.88
24K11	24K11	0	CDC	2249127	9/Sep/12	44.88
24K11	24K11	0	CDC	2249128	9/Sep/12	44.88
24K11	24K11	0	CDC	2249129	9/Sep/12	44.87
24K11	24K11	0	CDC	2249130	9/Sep/12	44.87
24K11	24K11	0	CDC	2249131	9/Sep/12	44.87
24K11	24K11	0	CDC	2249132	9/Sep/12	44.87
24K11	24K11	0	CDC	2249133	9/Sep/12	44.87
24K11	24K11	0	CDC	2249134	9/Sep/12	44.87
24K11	24K11	0	CDC	2249135	9/Sep/12	44.86
24K11	24K11	0	CDC	2249136	9/Sep/12	44.86
24K11	24K11	0	CDC	2249137	9/Sep/12	44.86
24K11	24K11	0	CDC	2249138	9/Sep/12	44.86
24K11	24K11	0	CDC	2249139	9/Sep/12	44.86
24K11	24K11	0	CDC	2249140	9/Sep/12	44.85
24K11	24K11	0	CDC	2249141	9/Sep/12	44.85
24K11	24K11	0	CDC	2249142	9/Sep/12	44.85
24K11	24K11	0	CDC	2249143	9/Sep/12	44.85
24K11	24K11	0	CDC	2249144	9/Sep/12	44.85
24K11	24K11	0	CDC	2249145	9/Sep/12	44.84
24K11	24K11	0	CDC	2249146	9/Sep/12	44.84
24K11	24K11	0	CDC	2249147	9/Sep/12	44.84
						1,256.26

Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M08	0	CDC	26016	6/Jul/12	44.11
HOPES ADVANCE	24M08	0	CDC	26018	6/Jul/12	44.11
HOPES ADVANCE	24M08	0	CDC	26019	6/Jul/12	44.10
HOPES ADVANCE	24M08	0	CDC	26020	6/Jul/12	44.10
HOPES ADVANCE	24M08	0	CDC	26023	6/Jul/12	44.10
HOPES ADVANCE	24M08	0	CDC	26024	6/Jul/12	44.10
HOPES ADVANCE	24M08	0	CDC	26031	6/Jul/12	44.10
HOPES ADVANCE	24M08	0	CDC	26032	6/Jul/12	44.10
HOPES ADVANCE	24M08	0	CDC	26033	6/Jul/12	44.10
HOPES ADVANCE	24M08	0	CDC	26039	6/Jul/12	44.09
HOPES ADVANCE	24M08	0	CDC	26041	6/Jul/12	44.09
HOPES ADVANCE	24M08	0	CDC	26042	6/Jul/12	44.09
HOPES ADVANCE	24M08	0	CDC	26043	6/Jul/12	44.09
HOPES ADVANCE	24M08	0	CDC	26055	6/Jul/12	44.09
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HOPES ADVANCE	24M08	0	CDC	26057	6/Jul/12	44.09
HOPES ADVANCE	24M08	0	CDC	26066	6/Jul/12	44.08
HOPES ADVANCE	24M08	0	CDC	26072	6/Jul/12	44.07
HOPES ADVANCE	24M08	0	CDC	26073	6/Jul/12	44.07
HOPES ADVANCE	24M08	0	CDC	26074	6/Jul/12	44.07
HOPES ADVANCE	24M08	0	CDC	26075	6/Jul/12	44.07
HOPES ADVANCE	24M08	0	CDC	26076	6/Jul/12	44.07
HOPES ADVANCE	24M08	0	CDC	26077	6/Jul/12	44.07
HOPES ADVANCE	24M08	0	CDC	26078	6/Jul/12	44.07

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M08	0	CDC	26079	6/Jul/12	44.07
HOPES ADVANCE	24M08	0	CDC	26080	6/Jul/12	44.07
HOPES ADVANCE	24M08	0	CDC	26081	6/Jul/12	44.06
HOPES ADVANCE	24M08	0	CDC	26082	6/Jul/12	44.06
HOPES ADVANCE	24M08	0	CDC	26083	6/Jul/12	44.06
HOPES ADVANCE	24M08	0	CDC	26084	6/Jul/12	44.06
HOPES ADVANCE	24M08	0	CDC	26085	6/Jul/12	44.06
HOPES ADVANCE	24M08	0	CDC	26086	6/Jul/12	44.06
HOPES ADVANCE	24M08	0	CDC	26087	6/Jul/12	44.06
HOPES ADVANCE	24M08	0	CDC	26088	6/Jul/12	44.06
HOPES ADVANCE	24M08	0	CDC	26089	6/Jul/12	44.06
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HOPES ADVANCE	24M08	0	CDC	26091	6/Jul/12	44.05
HOPES ADVANCE	24M08	0	CDC	26092	6/Jul/12	44.05
HOPES ADVANCE	24M08	0	CDC	26093	6/Jul/12	44.05
HOPES ADVANCE	24M08	0	CDC	26094	6/Jul/12	44.05
HOPES ADVANCE	24M08	0	CDC	26095	6/Jul/12	44.05
HOPES ADVANCE	24M08	0	CDC	26096	6/Jul/12	44.05
HOPES ADVANCE	24M08	0	CDC	26097	6/Jul/12	44.05
HOPES ADVANCE	24M08	0	CDC	26100	6/Jul/12	44.04
HOPES ADVANCE	24M08	0	CDC	26101	6/Jul/12	44.04
HOPES ADVANCE	24M08	0	CDC	26102	6/Jul/12	44.04
HOPES ADVANCE	24M08	0	CDC	26103	6/Jul/12	44.04
HOPES ADVANCE	24M08	0	CDC	26104	6/Jul/12	44.04
HOPES ADVANCE	24M08	0	CDC	26105	6/Jul/12	44.04
HOPES ADVANCE	24M08	0	CDC	26122	6/Jul/12	44.02
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HOPES ADVANCE	24M08	0	CDC	26124	6/Jul/12	44.02
HOPES ADVANCE	24M08	0	CDC	26133	6/Jul/12	44.01
HOPES ADVANCE	24M08	0	CDC	26134	6/Jul/12	44.01
HOPES ADVANCE	24M08	0	CDC	26135	6/Jul/12	44.01
HOPES ADVANCE	24M08	0	CDC	26136	6/Jul/12	44.01
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HOPES ADVANCE	24M08	0	CDC	26138	6/Jul/12	44.01
HOPES ADVANCE	24M08	0	CDC	26142	6/Jul/12	44.00
HOPES ADVANCE	24M08	0	CDC	26143	6/Jul/12	44.00
HOPES ADVANCE	24M08	0	CDC	26144	6/Jul/12	44.00
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HOPES ADVANCE	24N05	0	CDC	26160	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26161	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26164	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26165	6/Jul/12	44.03

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24N05	0	CDC	26166	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26167	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26168	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26169	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26170	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26171	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26172	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26173	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26174	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26175	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26176	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26177	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26178	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26179	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26180	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26181	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26182	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26183	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26184	6/Jul/12	44.03
HOPES ADVANCE	24N05	0	CDC	26185	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26186	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26187	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26188	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26189	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26190	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26191	6/Jul/12	44.02
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HOPES ADVANCE	24N05	0	CDC	26193	6/Jul/12	44.02
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HOPES ADVANCE	24N05	0	CDC	26195	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26196	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26197	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26198	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26199	6/Jul/12	44.02
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HOPES ADVANCE	24N05	0	CDC	26202	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26203	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26204	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26205	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26206	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26207	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26208	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26209	6/Jul/12	44.02
HOPES ADVANCE	24N05	0	CDC	26210	6/Jul/12	44.02
HOPES ADVANCE	24M01	0	CDC	26237	6/Jul/12	44.17
HOPES ADVANCE	24M01	0	CDC	26238	6/Jul/12	44.17
HOPES ADVANCE	24M01	0	CDC	26246	6/Jul/12	44.16
HOPES ADVANCE	24M01	0	CDC	26254	6/Jul/12	44.16
HOPES ADVANCE	24M01	0	CDC	26261	6/Jul/12	44.15

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M01	0	CDC	26265	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26266	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26270	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26271	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26272	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26273	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26276	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26277	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26278	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26279	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26280	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26281	6/Jul/12	44.14
HOPES ADVANCE	24M01	0	CDC	26285	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26286	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26287	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26289	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26290	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26291	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26292	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26293	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26294	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26296	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26297	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26298	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26299	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26300	6/Jul/12	44.13
HOPES ADVANCE	24M01	0	CDC	26302	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26304	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26305	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26306	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26308	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26309	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26310	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26311	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26312	6/Jul/12	44.12
HOPES ADVANCE	24M01	0	CDC	26316	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26317	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26318	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26319	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26320	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26321	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26322	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26323	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26324	6/Jul/12	44.11
HOPES ADVANCE	24M01	0	CDC	26325	6/Jul/12	44.11
HOPES ADVANCE	24M08	0	CDC	26380	6/Jul/12	44.10
HOPES ADVANCE	24N05	3	CDC	33127	13/Sep/12	43.21
HOPES ADVANCE	24N05	0	CDC	33128	13/Sep/12	44.04
HOPES ADVANCE	24N05	0	CDC	33129	13/Sep/12	44.04
HOPES ADVANCE	24N05	0	CDC	33130	13/Sep/12	44.04

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HOPES ADVANCE	24N05	0	CDC	33131	13/Sep/12	44.04
HOPES ADVANCE	24N05	0	CDC	33132	13/Sep/12	44.04
HOPES ADVANCE	24N05	0	CDC	33133	13/Sep/12	44.04
HOPES ADVANCE	24M08	0	CDC	33135	23/Aug/12	44.11
HOPES ADVANCE	24M08	0	CDC	33136	23/Aug/12	44.11
HOPES ADVANCE	24M08	0	CDC	33138	23/Aug/12	44.09
HOPES ADVANCE	24M08	0	CDC	33139	23/Aug/12	44.09
HOPES ADVANCE	24M08	0	CDC	33145	23/Aug/12	44.07
HOPES ADVANCE	24M08	0	CDC	33148	23/Aug/12	44.06
HOPES ADVANCE	24M08	0	CDC	33151	23/Aug/12	44.05
HOPES ADVANCE	24M01	0	CDC	33168	13/Sep/12	44.14
HOPES ADVANCE	24M01	0	CDC	33169	13/Sep/12	44.14
HOPES ADVANCE	24M01	0	CDC	33171	13/Sep/12	44.13
HOPES ADVANCE	24M01	0	CDC	33172	13/Sep/12	44.13
HOPES ADVANCE	24M01	0	CDC	33174	13/Sep/12	44.12
HOPES ADVANCE	24M01	0	CDC	33175	13/Sep/12	44.12
HOPES ADVANCE	24N05	0	CDC	51738	24/Jan/13	43.89
HOPES ADVANCE	24N05	0	CDC	51739	24/Jan/13	43.89
HOPES ADVANCE	24N05	0	CDC	51740	24/Jan/13	43.89
HOPES ADVANCE	24N05	0	CDC	51741	24/Jan/13	43.89
HOPES ADVANCE	24N05	0	CDC	51742	24/Jan/13	43.89
HOPES ADVANCE	24N05	0	CDC	51743	24/Jan/13	43.89
HOPES ADVANCE	24N05	0	CDC	51744	24/Jan/13	43.89
HOPES ADVANCE	24N05	0	CDC	51745	24/Jan/13	43.88
HOPES ADVANCE	24N05	0	CDC	51746	24/Jan/13	43.88
HOPES ADVANCE	24N05	0	CDC	51747	24/Jan/13	43.88
HOPES ADVANCE	24N05	0	CDC	51748	24/Jan/13	43.88
HOPES ADVANCE	24N05	0	CDC	51749	24/Jan/13	43.88
HOPES ADVANCE	24N05	0	CDC	51750	24/Jan/13	43.88
HOPES ADVANCE	24N05	0	CDC	51751	24/Jan/13	43.88
HOPES ADVANCE	24N05	0	CDC	51752	24/Jan/13	43.87
HOPES ADVANCE	24N05	0	CDC	51753	24/Jan/13	43.87
HOPES ADVANCE	24N05	0	CDC	51754	24/Jan/13	43.87
HOPES ADVANCE	24N05	0	CDC	51755	24/Jan/13	43.87
HOPES ADVANCE	24N05	0	CDC	51756	24/Jan/13	43.87
HOPES ADVANCE	24N05	0	CDC	51757	24/Jan/13	43.87
HOPES ADVANCE	24N05	0	CDC	51758	24/Jan/13	43.87
HOPES ADVANCE	24N05	0	CDC	51759	24/Jan/13	43.86
HOPES ADVANCE	24N05	0	CDC	51760	24/Jan/13	43.86
HOPES ADVANCE	24N05	0	CDC	51761	24/Jan/13	43.86
HOPES ADVANCE	24N05	0	CDC	51762	24/Jan/13	43.86
HOPES ADVANCE	24N05	0	CDC	51763	24/Jan/13	43.86
HOPES ADVANCE	24N05	0	CDC	51764	24/Jan/13	43.86
HOPES ADVANCE	24N05	0	CDC	51765	24/Jan/13	43.86
HOPES ADVANCE	24N05	0	CDC	51766	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51767	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51768	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51769	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51770	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51771	24/Jan/13	43.85

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HOPES ADVANCE	24N05	0	CDC	51772	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51773	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51774	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51775	24/Jan/13	43.85
HOPES ADVANCE	24N05	0	CDC	51776	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51777	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51778	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51779	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51780	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51781	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51782	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51783	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51784	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51785	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51786	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51787	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51788	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51789	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51790	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51791	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51792	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51793	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51794	24/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	51795	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51796	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51797	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51798	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51799	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51800	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51801	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51802	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51803	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51804	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51805	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51806	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51807	24/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	51808	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51809	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51810	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51811	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51812	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51813	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51814	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51815	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51816	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51817	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51818	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51819	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51820	24/Jan/13	43.81
HOPES ADVANCE	24N05	0	CDC	51821	24/Jan/13	43.80

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HOPES ADVANCE	24N05	0	CDC	51822	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51823	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51824	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51825	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51826	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51827	24/Jan/13	43.80
HOPES ADVANCE	24N05	0	CDC	51828	24/Jan/13	44.03
HOPES ADVANCE	24N05	0	CDC	51829	24/Jan/13	44.03
HOPES ADVANCE	24N05	0	CDC	51830	24/Jan/13	44.03
HOPES ADVANCE	24N05	4	CDC	51831	24/Jan/13	34.40
HOPES ADVANCE	24N05	0	CDC	51832	24/Jan/13	44.02
HOPES ADVANCE	24N05	0	CDC	51833	24/Jan/13	44.02
HOPES ADVANCE	24N05	1	CDC	51834	24/Jan/13	39.64
HOPES ADVANCE	24N05	1	CDC	51835	24/Jan/13	1.17
HOPES ADVANCE	24N05	0	CDC	51836	24/Jan/13	44.01
HOPES ADVANCE	24N05	0	CDC	51837	24/Jan/13	44.01
HOPES ADVANCE	24N05	0	CDC	51838	24/Jan/13	44.01
HOPES ADVANCE	24N05	1	CDC	51839	24/Jan/13	36.89
HOPES ADVANCE	24N05	2	CDC	51840	24/Jan/13	17.37
HOPES ADVANCE	24N05	0	PRF	51841	24/Jan/13	44.02
HOPES ADVANCE	24N05	1	CDC	51842	24/Jan/13	7.08
HOPES ADVANCE	24N05	0	CDC	51843	24/Jan/13	43.91
HOPES ADVANCE	24N05	0	CDC	51844	24/Jan/13	43.91
HOPES ADVANCE	24N05	0	CDC	51845	24/Jan/13	43.91
HOPES ADVANCE	24N05	0	CDC	51846	24/Jan/13	43.91
HOPES ADVANCE	24N05	0	CDC	51847	24/Jan/13	43.91
HOPES ADVANCE	24N05	0	CDC	51848	24/Jan/13	43.91
HOPES ADVANCE	24N05	0	CDC	51849	24/Jan/13	43.90
HOPES ADVANCE	24N05	0	CDC	51850	24/Jan/13	43.90
HOPES ADVANCE	24N05	0	CDC	51851	24/Jan/13	43.90
HOPES ADVANCE	24N05	0	CDC	51852	24/Jan/13	43.90
HOPES ADVANCE	24N05	0	CDC	51853	24/Jan/13	43.90
HOPES ADVANCE	24N05	0	CDC	51854	24/Jan/13	43.90
HOPES ADVANCE	24M01	0	CDC	57201	16/Feb/13	44.19
HOPES ADVANCE	24M01	0	CDC	57202	16/Feb/13	44.19
HOPES ADVANCE	24M01	0	CDC	57203	16/Feb/13	44.19
HOPES ADVANCE	24M01	0	CDC	57204	16/Feb/13	44.18
HOPES ADVANCE	24M01	0	CDC	57205	16/Feb/13	44.18
HOPES ADVANCE	24M01	0	CDC	57206	16/Feb/13	44.18
HOPES ADVANCE	24M01	0	CDC	57207	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57208	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57209	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57210	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57211	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57212	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57213	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57214	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57215	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57216	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57217	16/Feb/13	44.17

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M01	0	CDC	57218	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57219	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57220	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57221	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57222	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57223	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57224	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57225	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57226	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57227	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57228	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57229	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57230	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57231	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57232	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57233	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57234	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57235	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57236	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57237	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57238	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57239	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57240	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57241	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57242	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57243	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57244	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57245	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57246	16/Feb/13	44.28
HOPES ADVANCE	24M01	0	CDC	57247	16/Feb/13	44.28
HOPES ADVANCE	24M01	0	CDC	57248	16/Feb/13	44.28
HOPES ADVANCE	24M01	0	CDC	57249	16/Feb/13	44.28
HOPES ADVANCE	24M01	0	CDC	57250	16/Feb/13	44.28
HOPES ADVANCE	24M01	0	CDC	57251	16/Feb/13	44.28
HOPES ADVANCE	24M01	0	CDC	57252	16/Feb/13	44.27
HOPES ADVANCE	24M01	0	CDC	57253	16/Feb/13	44.27
HOPES ADVANCE	24M01	0	CDC	57254	16/Feb/13	44.27
HOPES ADVANCE	24M01	0	CDC	57255	16/Feb/13	44.27
HOPES ADVANCE	24M01	0	CDC	57256	16/Feb/13	44.27
HOPES ADVANCE	24M01	0	CDC	57257	16/Feb/13	44.26
HOPES ADVANCE	24M01	0	CDC	57258	16/Feb/13	44.26
HOPES ADVANCE	24M01	0	CDC	57259	16/Feb/13	44.26
HOPES ADVANCE	24M01	0	CDC	57260	16/Feb/13	44.26
HOPES ADVANCE	24M01	0	CDC	57261	16/Feb/13	44.26
HOPES ADVANCE	24M01	0	CDC	57262	16/Feb/13	44.24
HOPES ADVANCE	24M01	0	CDC	57263	16/Feb/13	44.24
HOPES ADVANCE	24M01	0	CDC	57264	16/Feb/13	44.24
HOPES ADVANCE	24M01	0	CDC	57265	16/Feb/13	44.24
HOPES ADVANCE	24M01	0	CDC	57266	16/Feb/13	44.24
HOPES ADVANCE	24M01	0	CDC	57267	16/Feb/13	44.23

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HOPES ADVANCE	24M01	0	CDC	57268	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57269	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57270	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57271	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57272	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57273	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57274	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57275	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57276	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57277	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57278	16/Feb/13	44.20
HOPES ADVANCE	24M01	0	CDC	57279	16/Feb/13	44.20
HOPES ADVANCE	24M01	0	CDC	57280	16/Feb/13	44.19
HOPES ADVANCE	24M01	0	CDC	57281	16/Feb/13	44.19
HOPES ADVANCE	24M01	0	CDC	57282	16/Feb/13	44.18
HOPES ADVANCE	24M01	0	CDC	57283	16/Feb/13	44.18
HOPES ADVANCE	24M01	0	CDC	57284	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57285	16/Feb/13	44.17
HOPES ADVANCE	24M01	0	CDC	57286	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57287	16/Feb/13	44.16
HOPES ADVANCE	24M01	0	CDC	57288	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57289	16/Feb/13	44.15
HOPES ADVANCE	24M01	0	CDC	57290	16/Feb/13	44.27
HOPES ADVANCE	24M01	0	CDC	57291	16/Feb/13	44.27
HOPES ADVANCE	24M01	0	CDC	57292	16/Feb/13	44.27
HOPES ADVANCE	24M01	0	CDC	57293	16/Feb/13	44.26
HOPES ADVANCE	24M01	0	CDC	57294	16/Feb/13	44.26
HOPES ADVANCE	24M01	0	CDC	57295	16/Feb/13	44.26
HOPES ADVANCE	24M01	0	CDC	57296	16/Feb/13	44.24
HOPES ADVANCE	24M01	0	CDC	57297	16/Feb/13	44.24
HOPES ADVANCE	24M01	0	CDC	57298	16/Feb/13	44.24
HOPES ADVANCE	24M01	0	CDC	57299	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57300	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57301	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57302	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57303	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57304	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57305	16/Feb/13	44.23
HOPES ADVANCE	24M01	0	CDC	57306	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57307	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57308	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57309	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57310	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57311	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57312	16/Feb/13	44.22
HOPES ADVANCE	24M01	0	CDC	57313	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57314	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57315	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57316	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57317	16/Feb/13	44.21

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HOPES ADVANCE	24M01	0	CDC	57318	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57319	16/Feb/13	44.21
HOPES ADVANCE	24M01	0	CDC	57320	16/Feb/13	44.20
HOPES ADVANCE	24M01	0	CDC	57321	16/Feb/13	44.20
HOPES ADVANCE	24M01	0	CDC	57322	16/Feb/13	44.20
HOPES ADVANCE	24N05	0	CDC	2049149	16/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	2049150	16/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	2049151	16/Jan/13	43.83
HOPES ADVANCE	24N05	0	CDC	2049152	16/Jan/13	43.82
HOPES ADVANCE	24N05	0	CDC	2056737	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056738	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056739	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056740	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056741	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056742	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056743	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056744	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056745	20/Feb/13	44.05
HOPES ADVANCE	24N05	0	CDC	2056746	20/Feb/13	44.04
HOPES ADVANCE	24N05	0	CDC	2056747	20/Feb/13	44.04
HOPES ADVANCE	24N05	0	CDC	2056748	20/Feb/13	44.04
HOPES ADVANCE	24N05	0	CDC	2056749	20/Feb/13	44.04
HOPES ADVANCE	24N05	0	CDC	2056750	20/Feb/13	44.04
HOPES ADVANCE	24N05	0	CDC	2056751	20/Feb/13	44.04
HOPES ADVANCE	24M01	0	CDC	2244034	1/Aug/12	44.25
HOPES ADVANCE	24M01	0	CDC	2244035	1/Aug/12	44.25
HOPES ADVANCE	24M01	0	CDC	2244036	1/Aug/12	44.25
HOPES ADVANCE	24M01	0	CDC	2244037	1/Aug/12	44.25
HOPES ADVANCE	24M01	0	CDC	2244038	1/Aug/12	44.25
HOPES ADVANCE	24M01	0	CDC	2244039	1/Aug/12	44.25
HOPES ADVANCE	24M01	0	CDC	2244040	1/Aug/12	44.25
HOPES ADVANCE	24M01	0	CDC	2244041	1/Aug/12	44.25
HOPES ADVANCE	24M01	0	CDC	2244042	1/Aug/12	44.24
HOPES ADVANCE	24M01	0	CDC	2244043	1/Aug/12	44.24
HOPES ADVANCE	24M01	0	CDC	2244044	1/Aug/12	44.24
HOPES ADVANCE	24M01	0	CDC	2244045	1/Aug/12	44.24
HOPES ADVANCE	24M01	0	CDC	2244046	1/Aug/12	44.24
HOPES ADVANCE	24M01	0	CDC	2244047	1/Aug/12	44.24
HOPES ADVANCE	24M01	0	CDC	2244048	1/Aug/12	44.24
HOPES ADVANCE	24M01	0	CDC	2244049	1/Aug/12	44.24
HOPES ADVANCE	24M01	0	CDC	2247398	23/Aug/12	44.17
HOPES ADVANCE	24M01	0	CDC	2247399	23/Aug/12	44.17
HOPES ADVANCE	24M01	0	CDC	2247400	23/Aug/12	44.17
HOPES ADVANCE	24M01	0	CDC	2247401	23/Aug/12	44.17
HOPES ADVANCE	24M01	0	CDC	2247402	23/Aug/12	44.17
HOPES ADVANCE	24M01	0	CDC	2247403	23/Aug/12	44.16
HOPES ADVANCE	24M01	0	CDC	2247404	23/Aug/12	44.16
HOPES ADVANCE	24M01	0	CDC	2247405	23/Aug/12	44.16
HOPES ADVANCE	24M01	0	CDC	2247406	23/Aug/12	44.16
HOPES ADVANCE	24M01	0	CDC	2247407	23/Aug/12	44.16

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HOPES ADVANCE	24M01	0	CDC	2247408	23/Aug/12	44.16
HOPES ADVANCE	24M01	0	CDC	2247409	23/Aug/12	44.16
HOPES ADVANCE	24M01	0	CDC	2247410	23/Aug/12	44.15
HOPES ADVANCE	24M01	0	CDC	2247411	23/Aug/12	44.15
HOPES ADVANCE	24M01	0	CDC	2247412	23/Aug/12	44.15
HOPES ADVANCE	24M01	0	CDC	2247413	23/Aug/12	44.15
HOPES ADVANCE	24M01	0	CDC	2247414	23/Aug/12	44.14
HOPES ADVANCE	24M01	0	CDC	2247415	23/Aug/12	44.14
HOPES ADVANCE	24M01	0	CDC	2247416	23/Aug/12	44.14
HOPES ADVANCE	24M01	0	CDC	2247417	23/Aug/12	44.14
HOPES ADVANCE	24M01	0	CDC	2247418	23/Aug/12	44.14
HOPES ADVANCE	24M01	0	CDC	2247419	23/Aug/12	44.13
HOPES ADVANCE	24M01	0	CDC	2247420	23/Aug/12	44.13
HOPES ADVANCE	24M01	0	CDC	2247421	23/Aug/12	44.13
HOPES ADVANCE	24M01	0	CDC	2247422	23/Aug/12	44.12
HOPES ADVANCE	24M01	0	CDC	2247423	23/Aug/12	44.12
HOPES ADVANCE	24M01	0	CDC	2247424	23/Aug/12	44.11
HOPES ADVANCE	24M08	0	CDC	2249074	8/Sep/12	44.11
HOPES ADVANCE	24N05	0	CDC	2249394	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249395	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249396	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249397	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249398	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249399	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249400	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249401	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249402	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249403	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249404	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249405	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249406	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249407	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249408	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249409	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249410	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249411	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249412	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249413	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249414	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249415	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249416	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249417	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249418	12/Sep/12	44.01
HOPES ADVANCE	24N05	0	CDC	2249419	12/Sep/12	44.01
HOPES ADVANCE	24M01	0	CDC	2249517	12/Sep/12	44.17
HOPES ADVANCE	24M01	0	CDC	2249518	12/Sep/12	44.17
HOPES ADVANCE	24M01	0	CDC	2249519	12/Sep/12	44.15
HOPES ADVANCE	24M01	0	CDC	2249520	12/Sep/12	44.15
HOPES ADVANCE	24M01	0	CDC	2249521	12/Sep/12	44.15
HOPES ADVANCE	24M01	0	CDC	2249522	12/Sep/12	44.15

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HOPES ADVANCE	24M01	0	CDC	2249523	12/Sep/12	44.13
HOPES ADVANCE	24M01	0	CDC	2249524	12/Sep/12	44.13
HOPES ADVANCE	24M01	0	CDC	2249525	12/Sep/12	44.12
HOPES ADVANCE	24N05	0	CDC	2249653	13/Sep/12	43.96
HOPES ADVANCE	24N05	0	CDC	2249654	13/Sep/12	43.96
HOPES ADVANCE	24N05	0	CDC	2249655	13/Sep/12	43.96
HOPES ADVANCE	24N05	0	CDC	2249656	13/Sep/12	43.96
HOPES ADVANCE	24N05	0	CDC	2249657	13/Sep/12	43.96
HOPES ADVANCE	24N05	0	CDC	2249658	13/Sep/12	43.96
HOPES ADVANCE	24N05	0	CDC	2249659	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249660	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249661	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249662	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249663	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249664	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249665	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249666	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249667	13/Sep/12	43.95
HOPES ADVANCE	24N05	0	CDC	2249668	13/Sep/12	43.94
HOPES ADVANCE	24N05	0	CDC	2249669	13/Sep/12	43.94
HOPES ADVANCE	24N05	0	CDC	2249670	13/Sep/12	43.94
HOPES ADVANCE	24N05	0	CDC	2249671	13/Sep/12	43.94
HOPES ADVANCE	24N05	0	CDC	2249672	13/Sep/12	43.94
HOPES ADVANCE	24N05	0	CDC	2249673	13/Sep/12	43.94
HOPES ADVANCE	24N05	0	CDC	2249674	13/Sep/12	43.94
HOPES ADVANCE	24N05	0	CDC	2249675	13/Sep/12	43.93
HOPES ADVANCE	24N05	0	CDC	2249676	13/Sep/12	43.93
HOPES ADVANCE	24N05	0	CDC	2249677	13/Sep/12	43.93
HOPES ADVANCE	24N05	0	CDC	2249678	13/Sep/12	43.93
HOPES ADVANCE	24N05	0	CDC	2249679	13/Sep/12	43.93
HOPES ADVANCE	24N05	0	CDC	2249680	13/Sep/12	43.92
HOPES ADVANCE	24N05	0	CDC	2249681	13/Sep/12	43.92
HOPES ADVANCE	24N05	0	CDC	2249682	13/Sep/12	43.92
HOPES ADVANCE	24M08	0	CDC	2249911	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249912	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249913	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249914	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249915	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249916	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249917	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249918	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249919	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249920	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249921	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249922	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249923	14/Sep/12	44.10
HOPES ADVANCE	24M08	0	CDC	2249924	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249925	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249926	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249927	14/Sep/12	44.09

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HOPES ADVANCE	24M08	0	CDC	2249928	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249929	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249930	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249931	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249932	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249933	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249934	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249935	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249936	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249937	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249938	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249939	14/Sep/12	44.09
HOPES ADVANCE	24M08	0	CDC	2249940	14/Sep/12	44.08
HOPES ADVANCE	24M08	0	CDC	2249941	14/Sep/12	44.08
HOPES ADVANCE	24M08	0	CDC	2249942	14/Sep/12	44.08
HOPES ADVANCE	24M08	0	CDC	2249943	14/Sep/12	44.08
HOPES ADVANCE	24M08	0	CDC	2249944	14/Sep/12	44.08
HOPES ADVANCE	24M08	0	CDC	2249945	14/Sep/12	44.08
HOPES ADVANCE	24M08	0	CDC	2249946	14/Sep/12	44.08
HOPES ADVANCE	24M08	0	CDC	2249947	14/Sep/12	44.08
HOPES ADVANCE	24M08	0	CDC	2249948	14/Sep/12	44.05
HOPES ADVANCE	24M08	0	CDC	2249949	14/Sep/12	44.04
HOPES ADVANCE	24M08	0	CDC	2249950	14/Sep/12	44.04
HOPES ADVANCE	24M08	0	CDC	2249951	14/Sep/12	44.04
HOPES ADVANCE	24M08	0	CDC	2249952	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249953	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249954	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249955	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249956	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249957	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249958	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249959	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249960	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249961	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249962	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249963	14/Sep/12	44.03
HOPES ADVANCE	24M08	0	CDC	2249964	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249965	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249966	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249967	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249968	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249969	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249970	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249971	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249972	14/Sep/12	44.02
HOPES ADVANCE	24M08	0	CDC	2249973	14/Sep/12	44.01
HOPES ADVANCE	24M08	0	CDC	2249974	14/Sep/12	44.01
HOPES ADVANCE	24M08	0	CDC	2249975	14/Sep/12	44.01
HOPES ADVANCE	24M08	0	CDC	2249976	14/Sep/12	44.00
HOPES ADVANCE	24M08	0	CDC	2249977	14/Sep/12	44.00

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HOPES ADVANCE	24M08	0	CDC	2249978	14/Sep/12	44.00
HOPES ADVANCE	24M08	0	CDC	2249979	14/Sep/12	43.99
HOPES ADVANCE	24M08	0	CDC	2249980	14/Sep/12	43.99
HOPES ADVANCE	24M08	0	CDC	2249981	14/Sep/12	43.99
HOPES ADVANCE	24M08	0	CDC	2249982	14/Sep/12	43.99
HOPES ADVANCE	24M08	0	CDC	2253113	5/Oct/12	44.11
HOPES ADVANCE	24M08	0	CDC	2253114	5/Oct/12	44.09
HOPES ADVANCE	24M08	0	CDC	2253115	5/Oct/12	44.08
HOPES ADVANCE	24M08	0	CDC	2253116	5/Oct/12	44.08
HOPES ADVANCE	24M08	0	CDC	2253117	5/Oct/12	44.08
HOPES ADVANCE	24M08	0	CDC	2253118	5/Oct/12	44.07
HOPES ADVANCE	24M08	0	CDC	2253119	5/Oct/12	44.07
HOPES ADVANCE	24M08	0	CDC	2253120	5/Oct/12	44.06
HOPES ADVANCE	24M08	0	CDC	2253121	5/Oct/12	44.06
HOPES ADVANCE	24M08	0	CDC	2253122	5/Oct/12	44.05
HOPES ADVANCE	24M08	0	CDC	2253123	5/Oct/12	44.05
HOPES ADVANCE	24M08	0	CDC	2253124	5/Oct/12	44.04
HOPES ADVANCE	24M08	0	CDC	2253125	5/Oct/12	44.04
HOPES ADVANCE	24M08	0	CDC	2253126	5/Oct/12	44.04
HOPES ADVANCE	24M08	0	CDC	2253127	5/Oct/12	44.04
HOPES ADVANCE	24M08	0	CDC	2253128	5/Oct/12	44.04
HOPES ADVANCE	24M08	0	CDC	2253129	5/Oct/12	44.04
HOPES ADVANCE	24M01	0	CDC	2254237	14/Oct/12	44.14
HOPES ADVANCE	24M01	0	CDC	2254238	14/Oct/12	44.14
HOPES ADVANCE	24N05	0	CDC	2254485	17/Oct/12	44.03
HOPES ADVANCE	24N05	0	CDC	2254486	17/Oct/12	44.03
HOPES ADVANCE	24N05	0	CDC	2254487	17/Oct/12	44.00
HOPES ADVANCE	24N05	0	CDC	2254488	17/Oct/12	44.00
HOPES ADVANCE	24N05	0	CDC	2254489	17/Oct/12	44.00
HOPES ADVANCE	24N05	0	CDC	2254490	17/Oct/12	44.00
HOPES ADVANCE	24N05	0	CDC	2254491	17/Oct/12	44.06
HOPES ADVANCE	24N05	0	CDC	2254492	17/Oct/12	44.06
HOPES ADVANCE	24N05	0	CDC	2254493	17/Oct/12	44.05
HOPES ADVANCE	24N05	0	CDC	2254494	17/Oct/12	44.05
HOPES ADVANCE	24N05	0	CDC	2254495	17/Oct/12	44.05
HOPES ADVANCE	24N05	0	CDC	2254496	17/Oct/12	44.05
HOPES ADVANCE	24M01	0	CDC	2254598	17/Oct/12	44.14
HOPES ADVANCE	24M01	0	CDC	2254599	17/Oct/12	44.14
HOPES ADVANCE	24M01	0	CDC	2254600	17/Oct/12	44.13
HOPES ADVANCE	24M01	0	CDC	2254601	17/Oct/12	44.13
HOPES ADVANCE	24M08	0	CDC	2254653	18/Oct/12	44.06
HOPES ADVANCE	24M08	0	CDC	2254654	18/Oct/12	44.06
HOPES ADVANCE	24M08	0	CDC	2254655	18/Oct/12	44.06
HOPES ADVANCE	24M08	0	CDC	2254656	18/Oct/12	44.05
HOPES ADVANCE	24M08	0	CDC	2254657	18/Oct/12	44.05
HOPES ADVANCE	24M08	0	CDC	2254658	18/Oct/12	44.05
HOPES ADVANCE	24M01	0	CDC	2254722	19/Oct/12	44.14
HOPES ADVANCE	24M01	0	CDC	2254723	19/Oct/12	44.13
HOPES ADVANCE	24M01	0	CDC	2254724	19/Oct/12	44.12
HOPES ADVANCE	24M01	0	CDC	2256814	26/Oct/12	44.17

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M01	0	CDC	2256815	26/Oct/12	44.17
HOPES ADVANCE	24M01	3	CDC	2256816	26/Oct/12	37.42
HOPES ADVANCE	24M01	0	CDC	2256817	26/Oct/12	44.16
HOPES ADVANCE	24M01	0	CDC	2256818	26/Oct/12	44.16
HOPES ADVANCE	24M01	0	CDC	2256819	26/Oct/12	44.16
HOPES ADVANCE	24M01	0	CDC	2256820	26/Oct/12	44.15
HOPES ADVANCE	24M01	0	CDC	2256821	26/Oct/12	44.15
HOPES ADVANCE	24M01	0	CDC	2256822	26/Oct/12	44.15
HOPES ADVANCE	24N05	0	CDC	2256823	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256824	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256825	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256826	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256827	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256828	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256829	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256830	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256831	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256832	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256833	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256834	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256835	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256836	26/Oct/12	44.04
HOPES ADVANCE	24N05	0	CDC	2256837	26/Oct/12	44.04
HOPES ADVANCE	24N05	4	CDC	2256838	26/Oct/12	43.60
HOPES ADVANCE	24N05	4	CDC	2256839	26/Oct/12	43.23
HOPES ADVANCE	24N05	3	CDC	2256840	26/Oct/12	43.43
HOPES ADVANCE	24N05	3	CDC	2256841	26/Oct/12	43.80
HOPES ADVANCE	24M01	0	CDC	2278232	16/Mar/13	44.19
HOPES ADVANCE	24M01	0	CDC	2278233	16/Mar/13	44.19
HOPES ADVANCE	24M01	0	CDC	2278234	16/Mar/13	44.19
HOPES ADVANCE	24M01	0	CDC	2278235	16/Mar/13	44.19
HOPES ADVANCE	24M01	0	CDC	2278236	16/Mar/13	44.18
HOPES ADVANCE	24M01	0	CDC	2278237	16/Mar/13	44.18
HOPES ADVANCE	24M01	0	CDC	2278238	16/Mar/13	44.18
HOPES ADVANCE	24M01	0	CDC	2278239	16/Mar/13	44.18
HOPES ADVANCE	24M08	0	CDC	2278240	16/Mar/13	44.08
HOPES ADVANCE	24M08	0	CDC	2278241	16/Mar/13	44.08
HOPES ADVANCE	24M08	0	CDC	2278242	16/Mar/13	44.08
HOPES ADVANCE	24M08	0	CDC	2278243	16/Mar/13	44.08
HOPES ADVANCE	24M08	0	CDC	2278244	16/Mar/13	44.08
HOPES ADVANCE	24M08	0	CDC	2278245	16/Mar/13	44.08
HOPES ADVANCE	24M08	0	CDC	2278246	16/Mar/13	44.08
HOPES ADVANCE	24M08	0	CDC	2278247	16/Mar/13	44.08
HOPES ADVANCE	24M08	0	CDC	2278248	16/Mar/13	44.07
HOPES ADVANCE	24M08	0	CDC	2278249	16/Mar/13	44.07
HOPES ADVANCE	24M08	0	CDC	2278250	16/Mar/13	44.07
HOPES ADVANCE	24M08	0	CDC	2278251	16/Mar/13	44.07
HOPES ADVANCE	24M08	0	CDC	2278252	16/Mar/13	44.07
HOPES ADVANCE	24M08	0	CDC	2278253	16/Mar/13	44.07
HOPES ADVANCE	24N05	0	CDC	2288579	26/Apr/13	44.05

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24N05	0	CDC	2288580	26/Apr/13	44.05
HOPES ADVANCE	24N05	0	CDC	2288581	26/Apr/13	44.05
HOPES ADVANCE	24N05	0	CDC	2288582	26/Apr/13	44.05
HOPES ADVANCE	24N05	0	CDC	2288583	26/Apr/13	44.05
HOPES ADVANCE	24N05	1	CDC	2290153	4/May/13	30.84
HOPES ADVANCE	24N05	1	CDC	2290154	4/May/13	19.30
HOPES ADVANCE	24N05	1	CDC	2290155	4/May/13	11.18
HOPES ADVANCE	24N05	1	CDC	2290156	4/May/13	8.40
HOPES ADVANCE	24N05	1	CDC	2290157	4/May/13	6.33
HOPES ADVANCE	24N05	1	CDC	2290158	4/May/13	7.24
HOPES ADVANCE	24N05	1	CDC	2290159	4/May/13	2.68
HOPES ADVANCE	24N05	1	CDC	2290160	4/May/13	0.03
HOPES ADVANCE	24N05	1	CDC	2290161	4/May/13	4.51
HOPES ADVANCE	24N05	1	CDC	2290162	4/May/13	8.42
HOPES ADVANCE	24N05	1	CDC	2290163	4/May/13	8.63
HOPES ADVANCE	24N05	1	CDC	2290164	4/May/13	6.63
HOPES ADVANCE	24N05	1	CDC	2290165	4/May/13	5.55
HOPES ADVANCE	24N05	1	CDC	2290166	4/May/13	31.01
HOPES ADVANCE	24N05	2	CDC	2290167	4/May/13	0.01
HOPES ADVANCE	24M08	0	CDC	2306666	9/Aug/13	44.08
HOPES ADVANCE	24M08	0	CDC	2306667	9/Aug/13	44.08
HOPES ADVANCE	24M08	0	CDC	2306668	9/Aug/13	44.08
HOPES ADVANCE	24M08	0	CDC	2306669	9/Aug/13	44.08
HOPES ADVANCE	24M08	0	CDC	2306670	9/Aug/13	44.08
HOPES ADVANCE	24M08	0	CDC	2306671	9/Aug/13	44.08
HOPES ADVANCE	24M08	0	CDC	2306672	9/Aug/13	44.08
HOPES ADVANCE	24M08	0	CDC	2306673	9/Aug/13	44.07
HOPES ADVANCE	24M08	0	CDC	2306674	9/Aug/13	44.07
HOPES ADVANCE	24M08	0	CDC	2306675	9/Aug/13	44.06
HOPES ADVANCE	24M08	0	CDC	2306676	9/Aug/13	44.06
HOPES ADVANCE	24M08	0	CDC	2306677	9/Aug/13	44.05
HOPES ADVANCE	24M08	0	CDC	2306678	9/Aug/13	44.05
HOPES ADVANCE	24M08	0	CDC	2306679	9/Aug/13	44.04
HOPES ADVANCE	24M08	0	CDC	2306680	9/Aug/13	44.04
HOPES ADVANCE	24M08	0	CDC	2306681	9/Aug/13	44.03
HOPES ADVANCE	24M08	0	CDC	2306682	9/Aug/13	44.03
HOPES ADVANCE	24M08	0	CDC	2306683	9/Aug/13	44.03
HOPES ADVANCE	24M08	0	CDC	2306684	9/Aug/13	44.03
HOPES ADVANCE	24M08	0	CDC	2306685	9/Aug/13	44.03
HOPES ADVANCE	24M08	0	CDC	2306686	9/Aug/13	44.02
HOPES ADVANCE	24M08	0	CDC	2306687	9/Aug/13	44.01
HOPES ADVANCE	24M08	0	CDC	2306688	9/Aug/13	44.00
HOPES ADVANCE	24M08	0	CDC	2317546	12/Oct/13	44.01
HOPES ADVANCE	24M08	0	CDC	2317547	12/Oct/13	44.01
HOPES ADVANCE	24M08	0	CDC	2317548	12/Oct/13	44.01
HOPES ADVANCE	24M08	0	CDC	2317549	12/Oct/13	44.00
HOPES ADVANCE	24M08	0	CDC	2317550	12/Oct/13	44.00
HOPES ADVANCE	24M08	0	CDC	2317551	12/Oct/13	44.00
HOPES ADVANCE	24M08	0	CDC	2317552	12/Oct/13	43.99
HOPES ADVANCE	24M08	0	CDC	2317553	12/Oct/13	43.99

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M08	0	CDC	2317554	12/Oct/13	43.99
HOPES ADVANCE	24M08	0	CDC	2317555	12/Oct/13	43.98
HOPES ADVANCE	24M08	0	CDC	2317556	12/Oct/13	43.98
HOPES ADVANCE	24M08	0	CDC	2317557	12/Oct/13	43.98
HOPES ADVANCE	24M08	0	CDC	2317558	12/Oct/13	43.98
HOPES ADVANCE	24M08	0	CDC	2317559	12/Oct/13	43.98
HOPES ADVANCE	24M08	0	CDC	2317560	12/Oct/13	43.98
HOPES ADVANCE	24M08	0	CDC	2317561	12/Oct/13	43.97
HOPES ADVANCE	24M08	0	CDC	2317562	12/Oct/13	43.97
HOPES ADVANCE	24M08	0	CDC	2317563	12/Oct/13	43.97
HOPES ADVANCE	24M08	0	CDC	2317564	12/Oct/13	43.96
HOPES ADVANCE	24M08	0	CDC	2317565	12/Oct/13	43.96
HOPES ADVANCE	24M08	0	CDC	2317566	12/Oct/13	43.96
HOPES ADVANCE	24M08	0	CDC	2317567	12/Oct/13	43.96
HOPES ADVANCE	24M08	0	CDC	2317568	12/Oct/13	43.96
HOPES ADVANCE	24M08	0	CDC	2317569	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317570	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317571	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317572	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317573	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317574	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317575	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317576	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317577	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317578	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317579	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317580	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317581	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317582	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317583	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317584	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317585	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317586	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317587	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317588	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2317589	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317590	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317591	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317592	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317593	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317594	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317595	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317596	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317597	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317598	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317599	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317600	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317601	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317602	12/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2317603	12/Oct/13	43.97

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HOPES ADVANCE	24N05	0	CDC	2317604	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317605	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317606	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317607	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317608	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317609	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317610	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317611	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317612	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317613	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317614	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317615	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317616	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317617	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317618	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317619	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317620	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317621	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317622	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317623	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317624	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317625	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317626	12/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2317627	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317628	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317629	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317630	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317631	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317632	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317633	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317634	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317635	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317636	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317637	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317638	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317639	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317640	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317641	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317642	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317643	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317644	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317645	12/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2317646	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317647	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317648	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317649	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317650	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317651	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317652	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317653	12/Oct/13	44.00

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24N05	0	CDC	2317654	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317655	12/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2317656	12/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2320282	24/Oct/13	44.00
HOPES ADVANCE	24N05	0	CDC	2320283	24/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2320284	24/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2320285	24/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2320286	24/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2320287	24/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2320288	24/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2320289	24/Oct/13	43.99
HOPES ADVANCE	24N05	0	CDC	2320290	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320291	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320292	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320293	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320294	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320295	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320296	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320297	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320298	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320299	24/Oct/13	43.98
HOPES ADVANCE	24N05	0	CDC	2320300	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320301	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320302	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320303	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320304	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320305	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320306	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320307	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320308	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320309	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320310	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320311	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320312	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320313	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320314	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320315	24/Oct/13	43.97
HOPES ADVANCE	24N05	0	CDC	2320316	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320317	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320318	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320319	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320320	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320321	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320322	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320323	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320324	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320325	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320326	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320327	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320328	24/Oct/13	43.96

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24N05	0	CDC	2320329	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320330	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320331	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320332	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320333	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320334	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320335	24/Oct/13	43.96
HOPES ADVANCE	24N05	0	CDC	2320336	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320337	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320338	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320339	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320340	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320341	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320342	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320343	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320344	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320345	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320346	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320347	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320348	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320349	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320350	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320351	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320352	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320353	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320354	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320355	24/Oct/13	43.95
HOPES ADVANCE	24N05	0	CDC	2320356	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320357	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320358	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320359	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320360	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320361	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320362	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320363	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320364	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320365	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320366	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320367	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320368	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320369	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320370	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320371	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320372	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320373	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320374	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320375	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320376	24/Oct/13	43.94
HOPES ADVANCE	24N05	0	CDC	2320377	24/Oct/13	43.94
HOPES ADVANCE	24N05	1	CDC	2323993	17/Nov/13	42.99

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24N05	1	CDC	2323994	17/Nov/13	27.42
HOPES ADVANCE	24N05	1	CDC	2323995	17/Nov/13	19.87
HOPES ADVANCE	24N05	1	CDC	2323996	17/Nov/13	20.17
HOPES ADVANCE	24N05	1	CDC	2323997	17/Nov/13	22.23
HOPES ADVANCE	24N05	1	CDC	2323998	17/Nov/13	43.94
HOPES ADVANCE	24N05	1	CDC	2323999	17/Nov/13	42.68
HOPES ADVANCE	24N05	1	CDC	2324000	17/Nov/13	40.77
HOPES ADVANCE	24N05	1	CDC	2324001	17/Nov/13	38.93
HOPES ADVANCE	24N05	1	CDC	2324002	17/Nov/13	40.42
HOPES ADVANCE	24M01	0	CDC	2341171	17/Apr/14	44.18
HOPES ADVANCE	24M01	0	CDC	2341172	17/Apr/14	44.18
HOPES ADVANCE	24M01	0	CDC	2341173	17/Apr/14	44.17
HOPES ADVANCE	24M01	0	CDC	2341174	17/Apr/14	44.17
HOPES ADVANCE	24M01	0	CDC	2341175	17/Apr/14	44.16
HOPES ADVANCE	24M01	0	CDC	2341176	17/Apr/14	44.16
HOPES ADVANCE	24M01	0	CDC	2341177	17/Apr/14	44.15
HOPES ADVANCE	24M01	0	CDC	2341178	17/Apr/14	44.15
HOPES ADVANCE	24M01	0	CDC	2341179	17/Apr/14	44.14
HOPES ADVANCE	24M01	0	CDC	2341180	17/Apr/14	44.14
HOPES ADVANCE	24M02	0	CDC	2341181	17/Apr/14	44.13
HOPES ADVANCE	24M03	0	CDC	2341182	17/Apr/14	44.13
HOPES ADVANCE	24M04	0	CDC	2341183	17/Apr/14	44.12
HOPES ADVANCE	24M05	0	CDC	2341184	17/Apr/14	44.12
HOPES ADVANCE	24M06	0	CDC	2341185	17/Apr/14	44.12
HOPES ADVANCE	24M07	0	CDC	2341186	17/Apr/14	44.12
HOPES ADVANCE	24M08	0	CDC	2341187	17/Apr/14	44.11
HOPES ADVANCE	24M08	0	CDC	2341188	17/Apr/14	44.11
HOPES ADVANCE	24M08	0	CDC	2341189	17/Apr/14	44.11
HOPES ADVANCE	24M08	0	CDC	2341190	17/Apr/14	44.11
HOPES ADVANCE	24M08	0	CDC	2341191	17/Apr/14	44.10
HOPES ADVANCE	24M08	0	CDC	2341192	17/Apr/14	44.09
HOPES ADVANCE	24M08	0	CDC	2341193	17/Apr/14	44.09
HOPES ADVANCE	24M08	0	CDC	2341194	17/Apr/14	44.09
HOPES ADVANCE	24M08	0	CDC	2341195	17/Apr/14	44.08
HOPES ADVANCE	24M08	0	CDC	2341196	17/Apr/14	44.08
HOPES ADVANCE	24M08	0	CDC	2341197	17/Apr/14	44.08
HOPES ADVANCE	24M08	0	CDC	2341198	17/Apr/14	44.08
HOPES ADVANCE	24M08	0	CDC	2341199	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341200	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341201	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341202	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341203	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341204	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341205	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341206	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341207	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341208	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341209	17/Apr/14	44.07
HOPES ADVANCE	24M08	0	CDC	2341210	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341211	17/Apr/14	44.06

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M08	0	CDC	2341212	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341213	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341214	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341215	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341216	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341217	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341218	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341219	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341220	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341221	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341222	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341223	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341224	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341225	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341226	17/Apr/14	44.06
HOPES ADVANCE	24M08	0	CDC	2341227	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341228	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341229	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341230	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341231	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341232	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341233	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341234	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341235	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341236	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341237	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341238	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341239	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341240	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341241	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341242	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341243	17/Apr/14	44.05
HOPES ADVANCE	24M08	0	CDC	2341244	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341245	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341246	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341247	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341248	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341249	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341250	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341251	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341252	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341253	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341254	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341255	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341256	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341257	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341258	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341259	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341260	17/Apr/14	44.04
HOPES ADVANCE	24M08	0	CDC	2341261	17/Apr/14	44.03

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M08	0	CDC	2341262	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341263	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341264	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341265	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341266	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341267	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341268	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341269	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341270	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341271	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341272	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341273	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341274	17/Apr/14	44.03
HOPES ADVANCE	24M08	0	CDC	2341275	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341276	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341277	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341278	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341279	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341280	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341281	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341282	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341283	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341284	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341285	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341286	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341287	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341288	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341289	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341290	17/Apr/14	44.02
HOPES ADVANCE	24M08	0	CDC	2341291	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341292	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341293	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341294	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341295	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341296	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341297	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341298	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341299	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341300	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341301	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341302	17/Apr/14	44.01
HOPES ADVANCE	24M08	0	CDC	2341303	17/Apr/14	44.00
HOPES ADVANCE	24M08	0	CDC	2341304	17/Apr/14	44.00
HOPES ADVANCE	24M08	0	CDC	2341305	17/Apr/14	44.00
HOPES ADVANCE	24M08	0	CDC	2341306	17/Apr/14	44.00
HOPES ADVANCE	24M08	0	CDC	2341307	17/Apr/14	44.00
HOPES ADVANCE	24M08	0	CDC	2341308	17/Apr/14	44.00
HOPES ADVANCE	24M08	0	CDC	2341309	17/Apr/14	44.00
HOPES ADVANCE	24M08	0	CDC	2341310	17/Apr/14	43.99
HOPES ADVANCE	24M08	0	CDC	2341311	17/Apr/14	43.99

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Property	NTS	Partie	Claim #		Expiry Date	Area (ha)
HOPES ADVANCE	24M08	0	CDC	2341312	17/Apr/14	43.99
HOPES ADVANCE	24M08	0	CDC	2341313	17/Apr/14	43.99
HOPES ADVANCE	24M08	0	CDC	2341314	17/Apr/14	43.99
HOPES ADVANCE	24M08	0	CDC	2341315	17/Apr/14	43.99
HOPES ADVANCE	24M08	0	CDC	2341316	17/Apr/14	43.99
HOPES ADVANCE	24M08	0	CDC	2341317	17/Apr/14	43.98
HOPES ADVANCE	24M08	0	CDC	2341318	17/Apr/14	43.98
HOPES ADVANCE	24M08-24M11	0	CDC	2341319	17/Apr/14	43.98
						49,105.86

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APPENDIX II
DRILL LOGS

Hole_ID	UTM-E	UTM-N	Loc Z	Loc-E	Loc-N	Length	Azimuth	Dip	Grid	Section	DateDR_DMY	DateDR_DMY	DrillCont	CoreSize	LoggedBy	Claim
BH-12-01A	442509,00	6580289,30	131			3	0°	-90°	Tailing 8		2012-07-03	2012-07-03	G4	NQ	R.Corbeil	

Hole ID	Station	Azimuth	Dip	Mag.Field	Grav.Field
	Metres	Degrees	Degrees	nT	G
BH-12-01A	0	0	-90		

NTS:					**Dip Tests**		**Project: Hope Advance**
Coordinates:	**UTM-E**	442509,00			**Type:**		**Hole No.: BH-12-01A**
	UTM-N	6580289,30					**Claim**
Collar Elevation:		131	**Core Size:**	NQ	**Depth (m)**		**Sheet No.:**
Dip at Collar:		-90					**Date: 2012-07-03**
Bearing:		0	**Horizontal Project:**				**Contractor: G4**
Total Length		3	**Vertical Project:**				**Logged by: Robert Corbeil**

Drill Hole No.	Depth Fm (m)	Depth To (m)	Lithology Code / Lithology	Unit Description / Description d'Unite	Color	Grain Size / Grano metrie	Oxide 1	Oxide 2	Text	Structure	Struct Int	Struc CA	Mag	Silica / 0/1	Bedding Characteristics / Vein &/or Band Mineral	Vn Band / %	Alteracion / Alteration Strength 0-4 Ox	Ca Fe Ca	Bleaching	% Minerals+%Sulfides Mt	Hem	Qz	Biot	Musc	Garnet	Py	Po	Cpy	Comments/Commentaire
BH-12-01A	0	3	OB	Till à matrice silteuse avec présence de blocs																								Till à matrice silteuse avec présence de blocs

Hole_ID	UTM-E	UTM-N	Loc Z	Loc-E	Loc-N	Length	Azimuth	Dip	Grid	Section	DateDR_DMY	DateDR_DMY	DrillCont	CoreSize	LoggedBy	Claim
BH-12-01B	442509,00	6580289,00	131			10,5	0°	-90°	Tailing 8		2012-07-04	2012-07-05	G4	NQ	R.Corbeil	

Hole ID	Station	Azimuth	Dip	Mag.Field	Grav.Field
	Metres	Degrees	Degrees	nT	G
BH-12-01B	0	0	-90		

NTS:						**Dip Tests**		**Project: Hope Advance**
Coordinates:	**UTM-E**	442509,00				**Type:**		**Hole No.: BH-12-01B**
	UTM-N	6580289,00						**Claim**
Collar Elevation:		131		**Core Size:**	NQ	**Depth (m)**		**Sheet No.:**
Dip at Collar:		-90						**Date: 2012-07-05**
Bearing:		0		**Horizontal Project:**				**Contractor: G4**
Total Length		10,5		**Vertical Project:**				**Logged by: Robert Corbeil**

Drill Hole	Depth		Lithology Code	Unit Description	Color	Grain Size	Min 1	Min 2	Text	Structure	Struct Int	Struc CA	Mag	Silica	Bedding Characteristics	Vn Band	Alteracion / Alteration Strength 0-4			% Minerals+%Sulfides									Comments/Commentaire
	Fm	To																											
No.	(m)	(m)	Lithology	Description d'Unite	Color	Grano metrie					1-3		0-4	0/1	Vein &/or Band Mineral	%	Ox	Ca Fe Ca	Bleaching	Mt	Hem	Qz	Biot	Musc	Garnet	Py	Po	Cpy	
BH-12-01B	0	6	OB	Till à matrice silteuse avec présence de blocs																									Till à matrice silteuse avec présence de blocs
BH-12-01B	6	10,5	I2D - I3B	Diorite à Gabbro	Grey	Cs	FdAm			Mas			0																Gneiss dioritique à gabbroïque, grains de 2 à 3mm, Riche en feldspaths et biotite , amphiboles. Maasif peu fracturé. Non magnétique.

Hole_ID	UTM-E	UTM-N	Loc Z	Loc-E	Loc-N	Length m	Azimuth	Dip	Grid	Section	DateDR_DMY	DateDR_DMY	DrillCont	CoreSize	LoggedBy	Claim
BH-12-02	446146,00	6579451,00	98			10,5	0°	-90°	Tailing 8		2012-07-06	2012-07-07	G4	NQ	R.Corbeil	

Hole ID	Station	Azimuth	Dip	Mag.Field	Grav.Field
	Metres	Degrees	Degrees	nT	G
BH-12-02	0	0	-90		

NTS:					**Dip Tests**		**Project: Hope Advance**
Coordinates:	**UTM-E**	446146,00			**Type:**		**Hole No.: BH-12-02**
	UTM-N	6579451,00					**Claim**
Collar Elevation:		98	**Core Size:**	NQ	**Depth (m)**		**Sheet No.:**
Dip at Collar:		-90					**Date: 2012-07-07**
Bearing:		0	**Horizontal Project:**				**Contractor: G4**
Total Length		10,5	**Vertical Project:**				**Logged by: Robert Corbeil**

Drill Hole No.	Depth Fm (m)	Depth To (m)	Lithology Code Lithology	Unit Description Description d'Unite	Color Color	Grain Size Grano metrie	Min 1	Min 2	Text	Structure	Struct Int	Struc CA	Mag 0-4	Silica 0/1	Bedding Characteristics Veln &/or Band Mineral	Vn Band %	Alteracion / Alteration Strength 0-4 Ox	Ca Fe Ca	Bleaching	% Minerals+%Sulfides Mt	Hem	Qz	Biot	Musc	Garnet	Py	Po	Cpy	Comments/Commentaire
BH-12-02	0	6	OB	Till à matrice silteuse avec présence de blocs																								Till à matrice silteuse avec présence de blocs
BH-12-02	6	10,5	M4	Gneiss quartzofeldsphatique	Grey	Cs	QzFd			Mas			0									50%						Gris clair, Rubanné, quartz 50%, Feldspaths 40%, biotite 10%. Riches en biotites dans les fractures. La roche est fraiche, peu altérée, Rarement fracturée.

Hole_ID	UTM-E	UTM-N	Loc Z	Loc-E	Loc-N	Length	Azimuth	Dip	Grid	Section	DateDR_DMY	DateDR_DMY	DrillCont	CoreSize	LoggedBy	Claim
BH-12-03A	446825,00	6577797,40	112			13,5	0°	-90°	Tailing 8		2012-07-08	2012-07-12	G4	NQ	R.Corbeil	

Hole ID	Station	Azimuth	Dip	Mag.Field	Grav.Field
	Metres	Degrees	Degrees	nT	G
BH-12-03A	0	0	-90		

NTS:					**Dip Tests**		**Project: Hope Advance**
Coordinates:	**UTM-E**	446825,00			**Type:**		**Hole No.: BH-12-03A**
	UTM-N	6577797,40					**Claim**
Collar Elevation:		112	**Core Size:**	NQ	**Depth (m)**		**Sheet No.:**
Dip at Collar:		-90					**Date: 2012-07-11**
Bearing:		0	**Horizontal Project:**				**Contractor: G4**
Total Length		13,5	**Vertical Project:**				**Logged by: Robert Corbeil**

Drill Hole	Depth		Lithology Code	Unit Description	Color	Grain Size	Oxide 1	Oxide 2	Text	Structure	Struct Int	Struc CA	Mag	Silica	Bedding Characteristics	Vn Band	Alteracion / Alteration Strength 0-4			% Minerals+%Sulfides									**Comments/Commentaire**
	Fm	**To**																											
No.	**(m)**	**(m)**	Lithology	Description d'Unite	Color	Grano metrie					1-3		0-4	0/1	Vein &/or Band Mineral	%	Ox	Ca Fe Ca	Bleaching	Mt Hem	Fp Fk	Qz	Biot	Musc	Garnet	Py	Po	Cpy	
BH-12-03A	0	13.5	OB	Till à matrice silteuse avec présence de blocs																									Overburden; Till à matrice silteuse avec présence de blocs

Hole_ID	UTM-E	UTM-N	Loc Z	Loc-E	Loc-N	Length	Azimuth	Dip	Grid	Section	DateDR_DMY	DateDR_DMY	DrillCont	CoreSize	LoggedBy	Claim
BH-12-03B	446825,00	6577797,20	112			15	0°	-90°	Tailing 8		2012-07-12	2012-07-13	G4	NQ	R.Corbeil	

Hole ID	Station	Azimuth	Dip	Mag.Field	Grav.Field
	Metres	Degrees	Degrees	nT	G
BH-12-03B	0	0	-90		

NTS:						**Dip Tests**		**Project: Hope Advance**
Coordinates:	**UTM-E**	446825,00				**Type:**		**Hole No.: BH-12-03B**
	UTM-N	6577797,20						**Claim**
Collar Elevation:		112		**Core Size:**	NQ	**Depth (m)**		**Sheet No.:**
Dip at Collar:		-90						**Date: 2012-07-13**
Bearing:		0		**Horizontal Project:**				**Contractor: G4**
Total Length		15		**Vertical Project:**				**Logged by: Robert Corbeil**

Drill Hole No.	Depth Fm (m)	Depth To (m)	Lithology Code Lithology	Unit Description Description d'Unite	Color Color	Grain Size Grano metrie	Min 1	Min2	Text	Structure	Struct Int 1-3	Struc CA	Mag 0-4	Silica 0/1	Bedding Characteristics Vein &/or Band Mineral	Vn Band %	Alteracion / Alteration Strength 0-4 Ox	Ca Fe Ca	Bleaching	% Minerals+%Sulfides Mt Hem	Fp Fk	Qz	Biot	Musc	Garnet	Py	Po	Cpy	Comments/Commentaire
BH-12-03B	0	14	OB	Till à matrice silteuse avec présence de blocs																								Overburden: Till à matrice silteuse avec présence de blocs
BH-12-03B	14	15	I1D	Tonalite	Gy	Md	QzFd			Gn	2	30°	0	1														Tonalite, massive rocck, gneissic texture with 30°c.a. Light grey to locally black. Medium grains of feldspaths and quartz 3mm to 5 mm and les than 2 mm for the biotite. No fractured, no altered, no magnetic and no mineralised.

Hole_ID	UTM-E	UTM-N	Loc Z	Loc-E	Loc-N	Length	Azimuth	Dip	Grid	Section	DateDR_DMY	DateDR_DMY	DrillCont	CoreSize	LoggedBy	Claim
BH-12-03C	446825,00	6577797,00	112			18,5	0°	-90°	Tailing 8		2012-07-14	2012-07-15	G4	NQ	R.Corbeil	

Hole ID	Station	Azimuth	Dip	Mag.Field	Grav.Field
	Metres	Degrees	Degrees	nT	G
BH-12-03C	0	0	-90		

NTS:						**Dip Tests**		**Project: Hope Advance**
Coordinates:	**UTM-E**	446825,00				**Type:**		**Hole No.: BH-12-03C**
	UTM-N	6577797,00						**Claim**
Collar Elevation:		112		**Core Size:**	NQ	**Depth (m)**		**Sheet No.:**
Dip at Collar:		-90						**Date: 2012-07-05**
Bearing:		0		**Horizontal Project:**				**Contractor: G4**
Total Length		18,5		**Vertical Project:**				**Logged by: Robert Corbeil**

Drill Hole	Depth		Lithology	Unit Description	Color	Grain Size	Oxide 1	Oxide 2	Text	Structure	Struct Int	Struc CA	Mag	Silica	Bedding Characteristics	Vn Band	Alteracion / Alteration Strength 0-4			% Minerals+%Sulfides									Comments/Commentaire
	Fm	To	Code																										
No.	(m)	(m)	Lithology	Description d'Unite	Color	Grano metrie					1-3		0-4	0/1	Vein &/or Band Mineral	%	Ox	Ca Fe Ca	Bleaching	Mt Hem	Fp Fk	Qz	Biot	Musc	Garnet	Py	Po	Cpy	
BH-12-03C	0	14	OB	Till à matrice silteuse avec présence de blocs																									Overburden: Till à matrice silteuse avec présence de blocs
BH-12-03C	14	18,5	I1D	Tonalite	Grey	Medium				gneiss		30°c.a.	0	1							25	50	25						Tonalite, massive rock, gneissic texture with 30°c.a. Light grey to locally black. Medium grains of feldspaths and quartz 3mm to 5 mm and les than 2 mm for the biotite. No fractured, no altered, no magnetic and no mineralised.

Hole_ID	UTM-E	UTM-N	Loc Z	Loc-E	Loc-N	Length	Azimuth	Dip	Grid	Section	DateDR_DMY	DateDR_DMY	DrillCont	CoreSize	LoggedBy	Claim
BH-12-04	444552,00	6577608,00	125,5			14,5	0°	-90°	Tailing 8		2012-07-21	2012-07-22	G4	NQ	R.Corbeil	

Hole ID	Station	Azimuth	Dip	Mag.Field	Grav.Field
	Metres	Degrees	Degrees	nT	G
BH-12-04	0	0	-90		

NTS:					**Dip Tests**		**Project: Hope Advance**
Coordinates:	**UTM-E**	444552,00			**Type:**		**Hole No.: BH-12-04**
	UTM-N	6577608,00					**Claim**
Collar Elevation:		125,5	**Core Size:**	NQ	**Depth (m)**		**Sheet No.:**
Dip at Collar:		-90					**Date: 2012-07-22**
Bearing:		0	**Horizontal Project:**				**Contractor: G4**
Total Length		14,5	**Vertical Project:**				**Logged by: Robert Corbeil**

Drill Hole No.	Depth Fm (m)	Depth To (m)	Lithology Code / Lithology	Unit Description / Description d'Unite	Color / Color	Grain Size / Grano metrie	Oxide 1	Oxide 2	Text	Structure	Struct Int / 1-3	Struc CA	Mag / 0-4	Silica / 0/1	Bedding Characteristics / Vein &/or Band Mineral	Vn Band / %	Alteracion / Alteration Strength 0-4: Ox	Ca Fe Ca	Bleaching	% Minerals+%Sulfides: Mt Hem	Fp Fk	Qz	Biot	Musc	Gamet	Py	Po	Cpy	Comments/Commentaire
BH-12-04	0	8,33	OB	Till à matrice silteuse avec présence de blocs																								Overburden; Till à matrice silteuse avec présence de blocs
BH-12-04	8,33	14,5	I1D	Tonalite	Gy	Md				gn		30°	0	1							25	60	15					Tonalite, massive rock, gneissic texture with 30°c.a. Light grey to locally black. Medium grains of feldspaths and quartz 3mm to 5 mm and les than 2 mm for the biotite. No fractured, no altered, no magnetic and no mineralised.

Hole_ID	UTM-E	UTM-N	Loc Z	Loc-E	Loc-N	Length	Azimuth	Dip	Grid	Section	DateDR_DMY	DateDR_DMY	DrillCont	CoreSize	LoggedBy	Claim
BH-12-05	441018,00	6573930,00	166,5			15	0°	-90°	Tailing 8		2012-07-16	2012-07-20	G4	NQ	R.Corbeil	

Hole ID	Station	Azimuth	Dip	Mag.Field	Grav.Field
	Metres	Degrees	Degrees	nT	G
BH-12-05	0	0	-90		

NTS:					**Dip Tests**		**Project: Hope Advance**
Coordinates:	**UTM-E**	441018,00			**Type:**		**Hole No.: BH-12-05**
	UTM-N	6573930,00					**Claim**
Collar Elevation:		166,5	**Core Size:**	NQ	**Depth (m)**		**Sheet No.:**
Dip at Collar:		-90					**Date: 2012-07-21**
Bearing:		0	**Horizontal Project:**				**Contractor: G4**
Total Length		15	**Vertical Project:**				**Logged by: Robert Corbeil**

Drill Hole No.	Depth Fm (m)	Depth To (m)	Lithology Code / Lithology	Unit Description / Description d'Unite	Color	Grain Size / Grano metrie	Oxide 1	Oxide 2	Text	Structure	Struct Int 1-3	Struc CA	Mag 0-4	Silica 0/1	Bedding Characteristics / Vein &/or Band Mineral	Vn Band %	Alteracion / Alteration Strength 0-4 Ox	Ca Fe Ca	Bleaching	% Minerals+%Sulfides Mt Hem	Fp Fk	Qz	Biot	Musc	Gamet	Py	Po	Cpy	Comments/Commentaire
BH-12-05	0	4,5	OB	Till à matrice silteuse avec présence de blocs																								Overburden; Till à matrice silteuse avec présence de blocs
BH-12-05	4,5	15	I1D - I1C	Tonalite to granodiorite	Grey	Medium							0	1	QzVn 30cm	10					25	60	15						Tonalite to granodiorite, strongly fractured, silicious alteration. No magnetic and no mineralised.

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APPENDIX III
CERTIFICATE OF ANALYSIS
HOPES ADVANCE
SURFACE SAMPLES SUMMER 2012

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Oceanic Iron Ore Corp
Attn : Irfan Shariff

3083 Three Bentall Centre, 595 Burrard Street, Vancouver
, V7X 1L3
Phone: 604-637-1141, Fax:

August 29, 2012

Date Rec. : 02 August 2012
LR Report : CA02087-AUG12

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %
1: L219203	47.3	0.14	49.6	3.01	1.38	< 0.01	< 0.01	< 0.01
2: L219204	41.8	0.12	54.5	2.81	1.39	0.03	0.02	< 0.01
3: L217901	75.2	13.1	2.22	1.01	2.46	4.19	1.17	0.13
4: L217902	51.0	16.3	12.6	5.36	7.95	3.43	0.90	1.15
5: L217903	71.5	14.8	2.35	0.61	2.05	4.22	2.52	0.22
6: L219161	47.6	0.13	41.5	3.50	6.51	0.05	< 0.01	0.02
7: L221501	53.8	18.8	8.89	3.74	3.24	5.57	1.96	0.83
8: L221502	89.8	1.69	6.44	0.89	0.32	0.41	0.19	0.39
9: L221503	59.3	2.29	30.2	4.50	1.60	0.18	0.33	0.77
10: L217934	57.5	0.15	38.0	0.81	1.34	< 0.01	0.03	0.03
11: L217935	61.5	0.31	35.4	0.53	0.58	0.01	0.13	0.03
12: L217936	28.3	0.08	66.3	0.45	1.11	0.02	0.04	0.02

Sample ID	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Fe2O3 as Fe %	Au g/t
1: L219203	0.06	0.19	0.02	< 0.01	-0.64	101.0	34.7	< 0.02
2: L219204	0.10	0.40	0.01	< 0.01	-0.78	100.3	38.1	< 0.02
3: L217901	0.20	< 0.01	0.02	< 0.01	1.10	100.8	1.55	< 0.02
4: L217902	0.25	0.15	< 0.01	0.03	1.16	100.3	8.82	< 0.02
5: L217903	0.05	< 0.01	0.02	< 0.01	1.62	100.0	1.64	< 0.02
6: L219161	0.03	0.36	< 0.01	< 0.01	1.57	101.2	28.7	< 0.02
7: L221501	0.42	0.09	< 0.01	0.03	2.83	100.2	6.22	< 0.02
8: L221502	< 0.01	0.04	0.03	< 0.01	0.75	101.0	4.50	< 0.02
9: L221503	0.02	0.46	0.01	0.02	0.88	100.5	21.1	< 0.02
10: L217934	0.05	0.47	0.02	< 0.01	2.01	100.4	26.6	< 0.02
11: L217935	0.06	0.33	0.03	< 0.01	0.91	99.9	24.7	< 0.02
12: L217936	0.04	1.80	0.02	< 0.01	1.87	100.0	46.3	< 0.02

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SGS Canada Inc.
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Phone: 705-652-2000 FAX: 705-652-6365

LR Report : CA02087-AUG12

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %
13: L217937	29.0	0.03	54.7	0.14	4.04	0.61	< 0.01	< 0.01
14: L217938	36.0	0.02	60.0	0.60	1.39	< 0.01	< 0.01	< 0.01
15: L217939	49.4	< 0.01	48.3	0.73	1.22	< 0.01	< 0.01	< 0.01
16: L217940	37.7	0.18	59.5	0.68	0.75	< 0.01	0.16	< 0.01
17: L217941	52.3	11.0	11.0	9.16	9.73	2.23	1.26	0.83
18: L217942	43.5	6.17	14.2	24.8	4.06	0.50	0.47	0.28
19: L217943	48.4	15.4	14.6	7.77	9.45	2.31	0.55	1.24
20: L217944	49.4	15.2	14.3	7.12	8.87	2.28	0.55	1.26
21: L217945	50.8	14.3	14.5	7.04	7.45	2.62	0.64	1.34
22: L217946	48.6	15.6	14.0	8.09	9.47	1.96	0.51	1.10
23: L217904	43.1	0.09	23.4	6.19	5.79	0.01	< 0.01	< 0.01
24: L217905	58.4	< 0.01	23.4	4.01	0.61	< 0.01	< 0.01	< 0.01
25: L217906	60.4	0.13	37.4	0.45	0.67	0.03	0.01	< 0.01
26: L217907	41.2	0.03	35.5	0.58	4.35	< 0.01	< 0.01	< 0.01
27: L217908	49.1	0.05	50.1	0.43	0.86	< 0.01	< 0.01	< 0.01
28: L217909	61.2	0.08	36.2	0.11	0.13	< 0.01	< 0.01	< 0.01
29: L217916	37.7	0.12	49.0	0.37	0.60	< 0.01	0.06	< 0.01
30: L217917	30.9	0.06	65.7	2.12	0.09	0.02	< 0.01	< 0.01
31: L217918	76.8	0.09	15.9	0.40	2.47	0.03	0.03	< 0.01
32: L217919	71.8	0.26	25.0	2.67	0.06	< 0.01	0.01	0.01

Sample ID	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Fe2O3 as Fe %	Au g/t
13: L217937	0.04	7.23	0.02	< 0.01	4.57	100.4	38.3	< 0.02
14: L217938	0.03	0.78	0.03	< 0.01	1.64	100.5	42.0	< 0.02
15: L217939	0.02	0.21	0.02	< 0.01	0.91	100.8	33.8	< 0.02
16: L217940	0.02	0.79	0.02	< 0.01	0.08	99.9	41.6	< 0.02
17: L217941	0.20	0.16	0.07	0.02	1.91	99.9	7.70	< 0.02
18: L217942	0.03	0.18	0.77	0.03	4.90	99.9	9.91	< 0.02
19: L217943	0.09	0.20	0.02	0.05	0.63	100.7	10.2	< 0.02
20: L217944	0.10	0.19	0.02	0.05	0.83	100.2	10.0	< 0.02
21: L217945	0.12	0.20	0.03	0.05	0.82	100.0	10.1	< 0.02
22: L217946	0.10	0.19	0.02	0.05	0.94	100.6	9.76	< 0.02
23: L217904	0.01	0.53	0.02	< 0.01	21.0	100.2	16.4	< 0.02
24: L217905	< 0.01	0.25	0.02	< 0.01	14.0	100.8	16.4	< 0.02
25: L217906	0.01	0.03	0.02	< 0.01	0.56	99.7	26.2	< 0.02
26: L217907	0.07	9.11	< 0.01	< 0.01	8.63	99.5	24.8	< 0.02
27: L217908	0.02	0.19	0.01	< 0.01	-0.16	100.6	35.0	< 0.02
28: L217909	0.01	1.95	0.01	< 0.01	0.54	100.3	25.3	< 0.02
29: L217916	< 0.01	11.3	0.01	< 0.01	0.59	99.8	34.3	< 0.02
30: L217917	0.02	1.53	< 0.01	< 0.01	0.44	100.9	46.0	< 0.02
31: L217918	0.03	1.61	0.02	< 0.01	2.92	100.4	11.1	< 0.02
32: L217919	< 0.01	0.49	< 0.01	< 0.01	0.22	100.5	17.5	< 0.02

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LR Report : **CA02087-AUG12**

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %
33: L217920	38.6	0.12	49.1	2.94	0.89	0.78	0.01	< 0.01
34: L217921	45.4	0.01	54.4	0.20	0.32	< 0.01	< 0.01	< 0.01
35: L217928	36.6	0.03	39.6	4.35	1.19	< 0.01	< 0.01	< 0.01
36: L217929	50.0	0.03	40.9	1.49	0.32	< 0.01	0.02	< 0.01
37: L217930	40.4	0.06	57.8	0.60	1.01	< 0.01	< 0.01	< 0.01
38: L217931	61.7	0.22	34.7	2.33	0.50	< 0.01	0.05	0.03
39: L217932	54.2	0.54	39.3	2.17	1.05	0.02	0.25	0.06
40: L217933	54.5	0.55	39.4	2.73	0.83	0.13	0.09	0.06
41: L217910	46.0	0.03	42.3	0.21	0.66	0.58	< 0.01	< 0.01
42: L217911	21.4	0.01	68.9	0.62	0.45	< 0.01	< 0.01	< 0.01
43: L217912	61.0	0.01	35.1	0.94	1.40	< 0.01	< 0.01	< 0.01
44: L217913	53.1	0.04	45.0	0.59	0.64	0.01	< 0.01	< 0.01
45-BLK: Lkfd-Sampl	59.9	23.0	0.18	0.06	0.22	10.4	4.85	< 0.01
46: L217914	38.6	< 0.01	59.8	0.42	0.78	< 0.01	< 0.01	< 0.01
47: L217915	35.8	0.02	60.0	1.54	1.54	< 0.01	< 0.01	< 0.01
48: L217922	57.6	0.04	39.9	0.90	0.35	< 0.01	0.03	< 0.01
49: L217923	50.0	0.02	47.3	0.64	1.27	< 0.01	< 0.01	< 0.01
50: L217924	32.1	0.04	57.6	1.08	0.70	< 0.01	0.01	< 0.01
51: L217925	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR
52: L217926	31.1	0.04	50.9	0.79	3.26	< 0.01	< 0.01	< 0.01

Sample ID	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Fe2O3 as Fe %	Au g/t
33: L217920	0.01	5.53	< 0.01	< 0.01	2.93	100.9	34.3	< 0.02
34: L217921	0.02	0.46	0.03	< 0.01	-0.50	100.3	38.1	< 0.02
35: L217928	0.02	0.73	< 0.01	< 0.01	18.0	100.5	27.7	< 0.02
36: L217929	0.01	3.67	0.01	< 0.01	3.85	100.3	28.6	< 0.02
37: L217930	0.02	0.39	0.02	< 0.01	0.05	100.4	40.5	< 0.02
38: L217931	0.01	0.39	0.02	< 0.01	0.17	100.1	24.3	< 0.02
39: L217932	0.05	1.08	0.02	< 0.01	2.10	100.8	27.5	< 0.02
40: L217933	0.06	1.07	0.02	< 0.01	1.14	100.6	27.6	< 0.02
41: L217910	0.03	9.08	0.01	< 0.01	1.34	100.2	29.6	< 0.02
42: L217911	0.02	5.45	< 0.01	< 0.01	3.00	99.8	48.2	< 0.02
43: L217912	0.01	0.10	0.02	< 0.01	2.00	100.6	24.6	< 0.02
44: L217913	0.02	0.11	0.02	< 0.01	0.77	100.3	31.5	< 0.02
45-BLK: Lkfd-Sampl	< 0.01	< 0.01	0.01	< 0.01	0.76	99.3	0.13	< 0.02
46: L217914	< 0.01	0.17	0.02	< 0.01	0.82	100.6	41.8	< 0.02
47: L217915	0.02	0.31	< 0.01	< 0.01	1.44	100.7	42.0	< 0.02
48: L217922	< 0.01	0.08	0.02	< 0.01	1.18	100.0	27.9	< 0.02
49: L217923	0.02	0.02	0.02	< 0.01	1.50	100.8	33.1	< 0.02
50: L217924	0.02	4.40	0.01	< 0.01	4.26	100.2	40.3	< 0.02
51: L217925	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR	---NSR	---
52: L217926	0.03	6.47	0.02	< 0.01	6.95	99.6	35.6	< 0.02

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LR Report : CA02087-AUG12

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %
53: L217927	48.5	0.36	47.1	1.01	1.39	< 0.01	0.10	0.06
54: L219162	49.2	6.09	33.6	2.67	0.48	2.11	1.92	0.34
55: L219163	33.4	0.09	64.3	2.30	1.47	0.04	< 0.01	< 0.01
56: L219164	48.7	0.04	48.9	2.06	0.22	0.09	0.01	< 0.01
57: L219165	44.0	0.05	53.3	1.74	1.04	0.02	0.02	< 0.01
58: L219160	95.5	2.20	1.12	0.10	0.24	0.81	0.20	0.02
59: L219201	43.6	0.59	52.3	2.75	1.56	0.11	0.04	0.01
60: L219202	49.2	14.6	13.4	6.92	11.2	1.96	0.64	1.11
61: L219205	33.7	0.14	62.3	3.02	2.49	0.03	< 0.01	< 0.01
62: L219206	49.9	0.05	48.9	0.81	0.25	< 0.01	< 0.01	< 0.01
63: L219207	45.3	0.25	50.0	3.04	1.70	0.04	0.03	0.02
64: L219208	47.3	0.11	48.3	3.18	1.39	0.01	< 0.01	0.01
65: L217947	38.0	0.05	56.3	2.35	1.52	0.18	0.01	< 0.01
66: L217948	60.7	0.04	37.3	1.96	0.63	< 0.01	< 0.01	< 0.01
67: L217949	30.2	0.14	67.3	1.98	1.27	0.01	< 0.01	< 0.01
68: L217950	30.0	0.12	67.2	1.93	1.27	< 0.01	< 0.01	< 0.01
69: L219151	51.4	0.11	44.8	1.91	1.05	0.02	< 0.01	< 0.01
70-REP: L217924	32.1	0.04	57.2	1.11	0.71	< 0.01	0.02	< 0.01
71-DUP: L217944	49.5	15.2	14.4	7.11	8.90	2.30	0.55	1.28
72-DUP: L217933	54.1	0.55	39.3	2.71	0.83	0.15	0.09	0.05

Sample ID	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Fe2O3 as Fe %	Au g/t
53: L217927	0.06	0.52	0.04	< 0.01	1.15	100.2	32.9	< 0.02
54: L219162	0.10	3.74	0.02	0.01	-0.45	99.8	23.5	< 0.02
55: L219163	0.04	0.28	< 0.01	< 0.01	-1.52	100.4	45.0	< 0.02
56: L219164	< 0.01	0.04	0.02	< 0.01	0.31	100.3	34.2	< 0.02
57: L219165	0.02	0.36	0.02	0.01	-0.52	100.1	37.3	< 0.02
58: L219160	0.02	< 0.01	0.05	< 0.01	0.34	100.6	0.78	< 0.02
59: L219201	0.04	0.08	0.01	< 0.01	-0.84	100.3	36.6	< 0.02
60: L219202	0.08	0.19	0.03	0.05	0.63	99.9	9.35	< 0.02
61: L219205	0.06	0.19	< 0.01	< 0.01	-1.24	100.7	43.6	< 0.02
62: L219206	0.03	0.01	< 0.01	< 0.01	0.24	100.2	34.2	< 0.02
63: L219207	0.05	0.54	< 0.01	< 0.01	-0.56	100.4	35.0	< 0.02
64: L219208	0.06	0.32	0.01	< 0.01	-0.95	99.7	33.8	< 0.02
65: L217947	0.04	1.97	< 0.01	< 0.01	-0.57	99.8	39.4	< 0.02
66: L217948	0.04	0.14	0.01	< 0.01	-0.68	100.1	26.1	< 0.02
67: L217949	0.07	0.44	< 0.01	< 0.01	-1.05	100.4	47.1	< 0.02
68: L217950	0.08	0.44	0.01	< 0.01	-0.99	100.0	47.0	< 0.02
69: L219151	0.05	1.28	< 0.01	< 0.01	-0.21	100.4	31.3	< 0.02
70-REP: L217924	0.02	4.35	0.01	< 0.01	4.42	100.0	40.0	< 0.02
71-DUP: L217944	0.10	0.18	0.03	0.05	0.82	100.5	10.1	---
72-DUP: L217933	0.07	1.06	0.02	< 0.01	1.17	100.1	27.5	< 0.02

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LR Report : **CA02087-AUG12**

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %
73-DUP: L219202	49.4	14.6	13.4	6.99	11.2	1.93	0.62	1.11

Sample ID	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Fe2O3 as Fe %	Au g/t
73-DUP: L219202	0.08	0.20	0.02	0.06	0.65	100.3	9.34	< 0.02

Control Quality Analysis - Not suitable for commercial exchange

April Rice
Project Coordinator

Email: edcanova@sympatico.ca

OnLine LIMS

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Oceanic Iron Ore Corp
Attn : Irfan Shariff

3083 Three Bentall Centre, 595 Burrard Street, Vancouver , V7X 1L3
Phone: 604-637-1141, Fax:

August 27, 2012

Date Rec. : 02 August 2012
LR Report : CA02088-AUG12

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Fe2O3 as Fe %	Au g/t
1: L219166	56.8	0.04	42.4	1.55	0.10	0.02	< 0.01	< 0.01	0.02	0.10	0.02	< 0.01	-0.79	100.3	29.7	< 0.02
2: L219167	43.8	0.05	50.1	2.72	1.03	0.49	0.10	< 0.01	0.02	0.56	0.02	< 0.01	0.80	99.8	35.1	< 0.02
3: L219168	24.1	0.40	73.4	0.08	0.04	0.02	< 0.01	0.03	< 0.01	0.67	0.03	< 0.01	0.38	99.2	51.4	0.03
4: L219169	60.6	0.02	33.4	0.09	2.84	0.02	< 0.01	< 0.01	< 0.01	0.22	0.04	< 0.01	2.77	100.0	23.3	< 0.02
5: L219170	67.4	0.26	26.5	1.73	1.46	0.03	< 0.01	< 0.01	0.01	0.38	0.02	< 0.01	1.93	99.8	18.5	< 0.02
6: L219171	51.2	0.12	45.5	3.03	0.77	0.68	0.03	< 0.01	< 0.01	0.25	0.02	< 0.01	-0.53	101.0	31.8	0.03
7: L219172	32.1	0.41	60.3	1.54	1.94	0.26	0.02	0.05	0.07	0.81	0.02	< 0.01	2.67	100.1	42.2	0.02
8: L219173	42.9	0.68	51.6	1.88	1.47	0.55	0.02	0.09	0.11	0.38	0.02	0.01	1.05	100.7	36.1	< 0.02
9: L219174	41.5	0.25	49.3	1.74	0.24	0.03	< 0.01	< 0.01	0.01	5.49	0.01	< 0.01	1.96	100.5	34.5	< 0.02
10: L219175	41.5	0.28	48.6	1.77	0.24	0.03	< 0.01	< 0.01	< 0.01	5.50	0.02	< 0.01	2.05	100.0	34.0	< 0.02
11: L219176	60.6	0.03	37.3	0.18	0.57	0.02	< 0.01	< 0.01	0.02	0.11	0.03	< 0.01	0.77	99.6	26.1	< 0.02
12: L219177	29.6	0.05	68.5	0.37	0.76	0.01	< 0.01	0.02	< 0.01	0.60	0.02	< 0.01	0.57	100.5	47.9	0.02
13: L219209	48.6	< 0.01	49.0	0.43	0.91	0.02	< 0.01	< 0.01	0.01	0.22	0.03	< 0.01	0.93	100.2	34.3	< 0.02
14: L219210	43.3	< 0.01	51.0	1.15	2.17	0.02	< 0.01	< 0.01	< 0.01	0.11	< 0.01	< 0.01	1.81	99.6	35.7	< 0.02
15: L219211	55.1	< 0.01	34.0	1.36	4.36	0.02	< 0.01	< 0.01	< 0.01	0.19	0.03	< 0.01	4.98	100.0	23.7	< 0.02
16: L219212	52.7	0.02	42.5	0.75	1.84	0.02	< 0.01	< 0.01	< 0.01	0.13	0.03	< 0.01	1.97	100.0	29.7	< 0.02
17: L219213	40.9	0.03	49.5	1.75	3.42	0.02	< 0.01	< 0.01	< 0.01	0.37	0.03	< 0.01	4.29	100.3	34.6	< 0.02
18: L219214	39.1	0.02	54.0	0.56	0.76	0.02	< 0.01	< 0.01	0.02	2.84	0.02	< 0.01	2.89	100.2	37.8	< 0.02
19: L219215	35.8	0.15	57.4	0.49	0.35	0.01	< 0.01	< 0.01	0.02	4.76	0.02	< 0.01	1.23	100.2	40.2	0.03
20: L219216	59.5	0.05	40.9	0.21	0.16	0.03	< 0.01	< 0.01	0.02	0.02	0.03	< 0.01	-0.39	100.5	28.6	< 0.02
21: L219217	34.0	0.02	55.8	1.18	2.84	0.02	< 0.01	< 0.01	0.03	1.91	0.02	< 0.01	4.30	100.2	39.0	< 0.02
22: L219218	45.7	< 0.01	46.3	0.10	3.96	0.02	< 0.01	< 0.01	0.02	0.77	0.02	< 0.01	3.70	100.6	32.4	< 0.02
23: L219219	33.8	0.05	59.1	1.32	2.08	0.34	< 0.01	< 0.01	0.03	1.09	0.02	< 0.01	2.13	99.9	41.4	0.02
24: L219220	36.5	0.02	60.5	0.16	0.71	0.01	< 0.01	< 0.01	0.01	1.30	0.02	< 0.01	0.77	100.0	42.3	< 0.02
25: L219221	48.2	< 0.01	48.9	0.53	1.24	0.02	< 0.01	< 0.01	0.03	0.48	0.03	< 0.01	0.50	99.9	34.2	< 0.02
26: L219222	61.8	0.06	34.9	1.82	0.48	0.78	0.01	< 0.01	< 0.01	0.11	0.02	< 0.01	0.49	100.5	24.4	< 0.02
27: L219223	55.8	< 0.01	39.7	0.39	1.31	0.02	< 0.01	< 0.01	0.03	0.95	0.05	< 0.01	1.52	99.8	27.7	< 0.02
28: L219224	45.9	0.62	46.0	2.30	1.60	1.12	0.01	0.07	0.08	0.74	0.02	< 0.01	1.54	99.9	32.1	< 0.02
29: L219201	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30: L219152	41.2	0.11	57.0	1.58	0.35	0.02	0.02	< 0.01	0.02	0.61	< 0.01	< 0.01	-1.22	99.6	39.9	< 0.02
31: L219153	52.0	0.02	46.5	1.19	0.83	0.01	< 0.01	< 0.01	0.02	0.08	0.03	< 0.01	-0.66	100.0	32.5	< 0.02
32: L219154	38.1	0.03	59.1	3.20	0.38	0.03	< 0.01	< 0.01	0.05	0.24	< 0.01	< 0.01	-1.59	99.6	41.4	< 0.02
33: L219155	36.9	0.02	63.3	1.13	0.09	0.01	< 0.01	< 0.01	0.04	0.12	0.01	< 0.01	-1.93	99.7	44.3	< 0.02

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LR Report : **CA02088-AUG12**

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Fe2O3 as Fe %	Au g/t
34: L219156	42.5	0.03	56.0	2.03	0.61	0.01	< 0.01	< 0.01	0.06	0.20	0.01	< 0.01	-1.27	100.2	39.2	< 0.02
35: L219157	35.5	0.03	61.2	2.99	1.80	0.06	< 0.01	< 0.01	0.05	0.26	< 0.01	< 0.01	-1.42	100.5	42.8	< 0.02
36: L219158	54.3	0.07	42.2	1.85	1.13	0.02	< 0.01	< 0.01	0.06	0.42	0.02	< 0.01	-0.28	99.8	29.6	< 0.02
37: L219159	58.5	< 0.01	39.1	0.44	0.92	0.04	< 0.01	< 0.01	0.02	0.58	0.03	< 0.01	-0.37	99.3	27.3	< 0.02
38-DUP: L219216	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
39-DUP: L219224	45.8	0.62	45.9	2.29	1.59	1.12	0.02	0.08	0.08	0.74	0.01	< 0.01	1.52	99.8	32.1	---

Control Quality Anlaysis - Not suitable for commercial exchange

April Rice
Project Coordinator

Email: edcanova@sympatico.ca

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Oceanic Iron Ore Corp
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October 4, 2012

Date Rec. : 05 September 2012
LR Report : CA02103-SEP12

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Ag g/t	As g/t	Ba g/t	Be g/t
1: 217881	48.7	3.38	40.2	1.57	2.06	0.29	1.96	0.16	0.05	0.89	0.08	< 0.01	1.46	100.8	< 2	< 100	1200	1.52
2: 217882	58.6	0.13	40.8	0.25	0.46	0.10	0.01	0.02	0.02	0.19	0.09	< 0.01	0.68	101.3	< 2	< 100	749	0.64
3: 217883	48.0	7.94	32.2	3.15	0.85	1.77	2.90	1.70	0.30	1.20	0.12	0.02	0.23	100.4	< 2	< 100	1610	2.46
4: 217884	53.6	0.06	32.3	0.22	7.87	0.05	0.02	0.01	0.01	0.40	0.08	< 0.01	5.75	100.4	< 2	< 100	20.5	0.22
5: 217885	41.3	0.08	52.2	1.29	3.44	0.28	0.02	< 0.01	0.01	0.52	0.07	< 0.01	1.22	100.5	< 2	< 100	7.9	3.70
6: 217886	50.6	0.07	48.7	0.76	0.10	0.02	< 0.01	< 0.01	0.01	0.07	0.06	< 0.01	-0.28	100.1	< 2	< 100	8.4	0.18
7: 217887	44.5	< 0.01	54.9	0.17	0.39	0.02	< 0.01	< 0.01	0.02	0.28	0.08	< 0.01	0.22	100.6	< 2	< 100	6.2	0.70
8: 217888	32.0	0.02	56.6	2.04	5.18	0.15	0.01	< 0.01	0.05	0.79	0.07	< 0.01	3.34	100.2	< 2	< 100	11.9	1.64
9: 217889	46.7	0.04	53.5	0.71	0.19	0.03	< 0.01	< 0.01	0.02	0.11	0.07	< 0.01	-0.71	100.7	< 2	< 100	12.0	0.70
10: 217890	41.1	16.5	25.2	6.01	1.30	0.25	0.98	1.33	0.03	0.81	0.17	0.06	6.51	100.3	< 2	< 100	159	1.06
11: 217891	51.0	11.8	23.3	3.83	0.52	0.05	0.62	0.62	0.05	0.58	0.15	0.04	7.60	100.1	< 2	< 100	65.4	0.76
12: 217892	51.6	14.0	19.1	5.42	0.73	0.22	1.02	1.41	0.03	0.49	0.18	0.05	5.89	100.1	< 2	< 100	160	1.26
13: 217893	43.9	19.2	20.3	4.78	5.34	0.39	1.04	1.17	0.07	0.59	0.15	0.06	3.59	100.7	< 2	< 100	106	1.10
14: 219225	36.1	0.16	63.4	0.08	0.04	0.02	0.02	0.02	0.02	1.41	0.07	< 0.01	-0.60	100.7	< 2	< 100	6.8	2.42
15: 219226	33.4	0.13	65.6	0.08	0.05	0.02	0.02	0.02	0.03	1.50	0.07	< 0.01	-0.52	100.3	< 2	< 100	11.9	2.62

Sample ID	Bi g/t	Cd g/t	Co g/t	Cu g/t	Li g/t	Mo g/t	Ni g/t	Pb g/t	Sb g/t	Se g/t	Sn g/t	Sr g/t	Ti-ICP g/t	Tl g/t	U g/t	V-ICP g/t	Y g/t	Zn g/t	Au g/t
1: 217881	< 20	< 10	33	22.8	< 40	< 5	25	< 70	< 10	< 30	< 30	64.1	---	< 30	< 70	44	4.0	< 40	< 0.02
2: 217882	< 20	< 10	< 30	0.8	< 40	< 5	< 20	< 70	< 10	< 30	< 30	6.89	---	< 30	< 70	14	4.5	< 40	< 0.02
3: 217883	< 20	< 10	51	35.0	52	< 5	79	< 70	< 10	< 30	< 30	33.2	---	< 30	< 70	---	11.9	64	< 0.02
4: 217884	< 20	< 10	< 30	3.6	< 40	< 5	< 20	< 70	< 10	< 30	< 30	21.4	---	< 30	< 70	< 4	1.5	< 40	< 0.02
5: 217885	< 20	< 10	38	0.9	< 40	< 5	< 20	< 70	< 10	< 30	< 30	10.1	11.9	< 30	< 70	5.0	2.4	< 40	< 0.02
6: 217886	< 20	< 10	< 30	0.7	< 40	< 5	< 20	< 70	< 10	< 30	< 30	0.74	4.9	< 30	< 70	7.4	0.74	< 40	< 0.02
7: 217887	< 20	< 10	< 30	< 0.5	< 40	< 5	< 20	< 70	< 10	< 30	< 30	2.12	7.3	< 30	< 70	8.5	5.2	< 40	< 0.02
8: 217888	< 20	< 10	< 30	< 0.5	< 40	< 5	< 20	< 70	< 10	< 30	< 30	21.9	3.6	< 30	< 70	11	11.4	< 40	< 0.02
9: 217889	< 20	< 10	< 30	1.9	< 40	< 5	< 20	< 70	< 10	< 30	< 30	3.18	5.6	< 30	< 70	10	2.0	< 40	< 0.02
10: 217890	< 20	< 10	92	358	< 40	< 5	176	< 70	< 10	< 30	< 30	24.8	---	< 30	< 70	---	30.0	209	< 0.02
11: 217891	< 20	< 10	122	311	< 40	< 5	300	< 70	< 10	< 30	< 30	6.49	---	< 30	< 70	---	17.6	108	< 0.02
12: 217892	< 20	< 10	82	225	< 40	< 5	152	< 70	< 10	< 30	< 30	21.7	---	< 30	< 70	---	22.8	202	< 0.02
13: 217893	< 20	< 10	69	109	< 40	< 5	139	< 70	< 10	< 30	< 30	415	---	< 30	< 70	---	27.1	212	< 0.02
14: 219225	< 20	< 10	48	2.5	< 40	< 5	< 20	< 70	< 10	< 30	< 30	6.43	---	< 30	< 70	15	15.9	< 40	< 0.02
15: 219226	< 20	< 10	43	2.0	< 40	< 5	< 20	< 70	< 10	< 30	< 30	7.32	---	< 30	< 70	16	17.4	< 40	< 0.02

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LR Report : **CA02103-SEP12**

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Ag g/t	As g/t	Ba g/t	Be g/t
16: 219227	41.8	0.04	54.8	0.78	1.32	0.04	< 0.01	< 0.01	0.02	0.71	0.08	< 0.01	1.08	100.6	< 2	< 100	270	0.86
17: 219228	56.3	< 0.01	40.7	0.73	1.34	< 0.01	< 0.01	< 0.01	< 0.01	0.16	0.09	< 0.01	1.73	101.0	< 2	< 100	10.5	0.20
18: 219229	47.1	0.02	44.7	2.21	3.09	0.25	< 0.01	< 0.01	0.05	1.37	0.08	< 0.01	2.41	101.3	< 2	< 100	78.6	3.06
19: 219230	43.0	0.75	46.7	1.73	3.17	0.25	0.19	0.08	0.09	1.10	0.08	< 0.01	3.78	100.9	< 2	< 100	30.3	0.68
20: 221504	50.4	11.2	15.5	6.61	8.56	3.75	0.56	1.51	0.15	0.22	0.10	0.04	2.06	100.6	< 2	< 100	100	1.12
21: 221505	69.6	0.40	24.7	3.35	0.55	0.05	0.02	0.02	0.11	0.64	0.09	< 0.01	0.51	100.1	< 2	< 100	2.0	0.10
22: 221506	46.6	5.62	10.8	24.6	6.15	0.07	< 0.01	0.35	0.03	0.15	0.45	0.03	5.56	100.5	< 2	< 100	9.5	< 0.03
23: 221507	49.9	12.5	14.3	5.54	10.3	3.28	0.77	0.76	0.25	0.24	0.09	0.04	2.87	100.8	< 2	< 100	162	2.04
24: 221508	48.0	11.2	11.6	7.30	15.3	0.37	0.47	0.62	0.05	0.26	0.22	0.04	5.03	100.4	< 2	< 100	61.6	0.84

Sample ID	Bi g/t	Cd g/t	Co g/t	Cu g/t	Li g/t	Mo g/t	Ni g/t	Pb g/t	Sb g/t	Se g/t	Sn g/t	Sr g/t	Ti-ICP g/t	Tl g/t	U g/t	V-ICP g/t	Y g/t	Zn g/t	Au g/t
16: 219227	< 20	< 10	< 30	1.4	< 40	< 5	< 20	< 70	< 10	< 30	< 30	12.2	9.9	< 30	< 70	9	6.1	< 40	< 0.02
17: 219228	< 20	< 10	< 30	2.0	< 40	< 5	< 20	< 70	< 10	< 30	< 30	2.49	1.9	< 30	< 70	5	2.0	< 40	< 0.02
18: 219229	< 20	< 10	< 30	0.7	< 40	< 5	< 20	< 70	< 10	< 30	< 30	38.8	7.5	< 30	< 70	10	11.0	< 40	< 0.02
19: 219230	< 20	< 10	< 30	< 0.5	< 40	< 5	< 20	< 70	< 10	< 30	< 30	22.8	---	< 30	< 70	30	3.4	< 40	< 0.02
20: 221504	< 20	< 10	62	161	< 40	< 5	126	< 70	< 10	< 30	< 30	238	---	< 30	< 70	---	22.3	75	< 0.02
21: 221505	< 20	< 10	< 30	32.4	< 40	< 5	46	< 70	< 10	< 30	< 30	1.39	---	< 30	< 70	6.2	4.7	76	0.02
22: 221506	< 20	< 10	39	88.2	< 40	< 5	364	< 70	< 10	< 30	< 30	4.97	---	< 30	< 70	---	6.6	59	< 0.02
23: 221507	< 20	< 10	61	492	< 40	< 5	31	< 70	< 10	< 30	< 30	173	---	< 30	< 70	---	67.8	100	< 0.02
24: 221508	< 20	< 10	66	609	< 40	< 5	145	< 70	< 10	< 30	< 30	75.2	---	< 30	< 70	---	15.0	518	0.07

Control Quality Analysis - Not suitable for commercial exchange
Fe% is calculated from the Fe2O3 XRF analysis

April Rice
Project Coordinator

Email: edcanova@sympatico.ca

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Oceanic Iron Ore Corp
Attn : Irfan Shariff

3083 Three Bentall Centre, 595 Burrard Street, Vancouver
, V7X 1L3
Phone: 604-637-1141, Fax:

July 30, 2012

Date Rec. : 10 July 2012
LR Report : CA02459-JUL12

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	Fe2O3 as Fe %
1: L217853	31.5	0.07	59.7	0.68	3.33	< 0.01	< 0.01	< 0.01	0.03	1.96	< 0.01	< 0.01	2.64	99.9	41.8
2: L217854	66.5	0.07	28.8	0.33	2.49	0.01	< 0.01	< 0.01	< 0.01	0.14	0.03	< 0.01	1.95	100.3	20.1
3: L217855	58.6	0.04	35.7	1.95	1.81	0.06	< 0.01	< 0.01	0.02	0.16	0.02	< 0.01	1.87	100.2	25.0
4: L217856	42.2	0.02	52.0	0.73	1.67	0.01	< 0.01	< 0.01	< 0.01	1.67	< 0.01	< 0.01	1.70	100.1	36.4
5: L217857	46.1	0.03	46.9	0.47	2.38	< 0.01	< 0.01	< 0.01	0.02	1.83	< 0.01	< 0.01	2.34	100.0	32.8
6: L217858	41.1	0.03	53.2	2.94	1.09	0.02	< 0.01	< 0.01	< 0.01	0.62	< 0.01	< 0.01	1.22	100.2	37.2
7: L217859	41.9	0.05	54.6	0.86	1.52	< 0.01	< 0.01	< 0.01	0.01	0.58	< 0.01	< 0.01	0.72	100.3	38.2
8: L217860	40.4	0.02	50.1	0.77	2.75	< 0.01	< 0.01	< 0.01	0.02	1.89	< 0.01	< 0.01	3.87	99.8	35.0
9: L217861	45.3	0.03	52.1	1.82	0.67	< 0.01	< 0.01	< 0.01	0.02	0.25	< 0.01	< 0.01	-0.06	100.2	36.5
10: L217862	47.0	0.02	40.4	0.47	2.17	< 0.01	< 0.01	< 0.01	< 0.01	5.30	< 0.01	< 0.01	4.14	99.4	28.2
11: L217863	34.9	0.02	56.5	1.18	3.09	< 0.01	< 0.01	< 0.01	0.02	1.38	< 0.01	< 0.01	2.60	99.7	39.5
12: L217864	55.7	0.01	41.6	0.61	1.22	< 0.01	< 0.01	< 0.01	0.02	0.23	< 0.01	< 0.01	0.87	100.3	29.1
13: L217865	49.2	0.02	50.1	0.21	0.77	< 0.01	< 0.01	< 0.01	< 0.01	0.07	< 0.01	< 0.01	-0.30	100.1	35.0
14: L217866	44.3	0.04	49.9	1.27	2.32	< 0.01	< 0.01	< 0.01	0.01	0.28	< 0.01	< 0.01	2.25	100.4	34.9
15: L217867	51.3	0.02	42.6	1.39	2.32	< 0.01	< 0.01	< 0.01	< 0.01	0.19	< 0.01	< 0.01	2.65	100.5	29.8
16: L217868	34.1	0.11	60.7	3.32	1.52	0.35	0.01	< 0.01	0.02	0.54	< 0.01	< 0.01	0.25	100.9	42.5
17: L217869	35.9	0.39	56.0	1.03	2.82	0.15	0.10	< 0.01	0.05	1.16	< 0.01	< 0.01	2.50	100.1	39.2
18: L217870	36.4	0.05	62.9	0.12	0.88	< 0.01	< 0.01	< 0.01	0.02	0.40	0.02	< 0.01	-0.51	100.3	44.0
19: L217871	37.2	0.05	55.5	1.03	1.96	< 0.01	< 0.01	< 0.01	0.02	1.76	0.01	< 0.01	2.36	100.0	38.9
20: L217872	41.4	0.02	50.9	0.64	2.68	0.01	< 0.01	< 0.01	0.02	1.34	0.02	< 0.01	3.03	100.1	35.6
21: L217873	45.1	0.03	47.1	0.83	2.97	< 0.01	< 0.01	< 0.01	0.01	0.65	0.02	< 0.01	3.47	100.1	32.9
22: L217874	53.4	0.06	43.8	0.49	0.86	< 0.01	0.04	< 0.01	0.02	0.28	0.02	< 0.01	1.16	100.1	30.6
23: L217875	52.8	0.07	43.9	0.49	0.87	< 0.01	0.03	< 0.01	0.02	0.27	0.03	< 0.01	1.18	99.7	30.7
24: L217876	54.4	0.04	38.0	1.33	2.71	< 0.01	< 0.01	< 0.01	< 0.01	0.20	0.02	< 0.01	2.94	99.7	26.6
25: L217877	32.2	0.06	65.8	0.71	0.60	0.10	< 0.01	< 0.01	0.02	0.27	0.02	< 0.01	0.22	100.1	46.1
26: L217878	52.4	0.01	45.8	0.33	1.14	< 0.01	< 0.01	< 0.01	0.01	0.25	0.01	< 0.01	-0.01	100.0	32.0
27: L217879	47.6	0.02	50.5	0.45	1.04	< 0.01	< 0.01	< 0.01	0.02	0.34	0.02	< 0.01	0.03	100.1	35.4
28: L217880	41.8	0.07	51.6	1.87	0.47	0.13	< 0.01	0.02	< 0.01	2.10	0.02	< 0.01	1.45	99.5	36.1

Control Quality Analysis - Not suitable for commercial exchange
Fe% is calculated from the Fe2O3 XRF analysis

April Rice
Project Coordinator

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LR Report : **CA02459-JUL12**

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APPENDIX IV
MAPS

Sample	CERT	Outcrop	Geologist	UTM-E	UTM-N	Elev. Z	Area	Date	Unit	Unit Description	Color	Grain	Oxide 1	Oxide 2	Texture	Structure	Orientation	Dip	Mag	Silica	Bedding	Comments/Field Notes
L217947	CA2087	HAN7	JB, MB, EC, RC	452999,4703	6581928,633	55	Hopes Advance North	21-juil-12	3/3hma													Contact striking approximately 150 degrees. Unit 3 to the east, unit 3hma to the west. Western unit has quartz rich bands with some amphiboles, hematite. Strongly magnetic. Approximately 10 m thickness on surface of unit 3hma, dipping at 50 degrees east. Unit 3 to the East, likely a cummingtonite schist. Deformation at surface.
L217948	CA2087	HAN26	JB, MB, EC, RC	452767,4206	6582411,856	55	Hopes Advance North	21-juil-12	contact 5/4													Western contact of units 5 (east) and unit 4 (west). Only 2m of iron formation between points HAN26 and HAN27. Magnetite rich, banded with fine quartz grains with some cummingtonite. Bands are approximately 10-15% of the hand sample.
L217949	CA2087	HAN27	JB, MB, EC, RC	452758,686	6582408,521	54	Hopes Advance North	21-juil-12	3mc													Iron formation to the east. Magnetite cummingtonite schist. Iron formation is very narrow here. Magnetic quartzite with some amphiboles. Beige colored, foliated, magnetite present. Medium grained with cummingtonite, some mica. Strongly magnetic, alternating bands of magnetite and quartz. Well foliated, dips at 52 degrees East. Some green amphiboles present, likely grunerite.
L217950	CA2087	HAN27	JB, MB, EC, RC	452758,686	6582408,521	54	Hopes Advance North	21-juil-12	3mc													Iron formation to the east. Magnetite cummingtonite schist. Iron formation is very narrow here. Magnetic quartzite with some amphiboles. Beige colored, foliated, magnetite present. Medium grained with cummingtonite, some mica. Strongly magnetic, alternating bands of magnetite and quartz. Well foliated, dips at 52 degrees East. Some green amphiboles present, likely grunerite.
L219151	CA2087	HAN73	JB, MB, EC, RC	452447	6583365	57	Hopes Advance North	22-juil-12														
L219152	CA2088	HAN73	JB, MB, EC, RC	449089,8545	6587937,045	66	Hopes Advance North	22-juil-12	IF/Cumm Schist Contact	4m/3mc											335/30E	Contact between IF and Cummingtonite schist. Schist to N, IF to S. Bedding orientation recorded. Unit has slaty cleavage and is fine grained. Sample collected.
L219153	CA2088	HAN73	JB, MB, EC, RC	448660	6588808		Hopes Advance North	22-juil-12														
L219154	CA2088	HAN98	JB, MB, EC, RC	448660,0496	6588808,221	87	Hopes Advance North	22-juil-12	4m + chert													IF with chert bands. Very strongly magnetic, some cummingtonite present. Two samples collected. Second sample taken at 448671|6588816. Samples approx. 7m apart moving from W-E.
L219155	CA2088	HAN98	JB, MB, EC, RC	448660,0496	6588808,221	87	Hopes Advance North	22-juil-12	4m + chert													IF with chert bands. Very strongly magnetic, some cummingtonite present. Two samples collected. Second sample taken at 448671|6588816. Samples approx. 7m apart moving from W-E.
L219156	CA2088	HAN103	JB, MB, EC, RC	448812,8852	6589017,089	120	Hopes Advance North	22-juil-12	4m/5 Contact													4m contact (east) with unit 5 (west). 4m unit is strongly magnetic. Sample collected. Unit is massive with high iron contents. Units may be repeating as we move to NE. Banded with cm scale magnetite bands alternating with qtz-rich (lean) bands. Sample taken approx. 7m east of contact. Some amphiboles (actinolite) mixed in with magnetite as we move NE. Unit is dipping at 40 degrees. Sample taken at 448851/6589081.
L219157	CA2088	HAN107	JB, MB, EC, RC	448877,7843	6589239,056	122	Hopes Advance North	22-juil-12	4m/5 Contact													Another unit 4 fold beneath unit 5. Contact is along the western limb, dipping 30 degrees W. Sample of unit 4 collected at 448894/6589254.
L219158	CA2088	HAN131	JB, MB, EC, RC	449246,2333	6589404,147	74	Hopes Advance North	23-juil-12	4m									14 SE				Southern edge of outcrop, Unit 4m to the North. Unit is dipping at 14 degrees SE. Sample L219158 collected at 449232/6589416. Sample L219159 collected at 449330/6589416.
L219159	CA2088	HAN131	JB, MB, EC, RC	449246,2333	6589404,147	74	Hopes Advance North	23-juil-12	4m									14 SE				Southern edge of outcrop, Unit 4m to the North. Unit is dipping at 14 degrees SE. Sample L219158 collected at 449232/6589416. Sample L219159 collected at 449330/6589416.
L219160	CA2087	HAN164	JB, MB, EC, RC	449801,7594	6589214,176	82	Hopes Advance North	23-juil-12	quartz vein													Quartz vein is 4m wide at this point, 10m wide at the nose. Occurring right along fold, trace pyrite presence. NOTE sample for gold. This side of the mountain, the iron formation is highly metamorphosed.
L219161	CA2087	HAN172	JB, MB, EC, RC	449887,5424	6589774,575	89	Hopes Advance North	23-juil-12	4m													Iron formation reappears. Some grunerite from contact but strongly magnetic. Iron formation extends 5m to the west from this point.
L219162	CA2087	HAN230	JB, MB, EC, RC	449653	6593357	135	Hopes Advance North	26-juil-12	4m													Contact
L219163	CA2087	HAN239	JB, MB, EC, RC	449477	6593564	173	Hopes Advance North	26-juil-12	4m + amphiboles													Outcrop. Still in iron formation. Magnetic quartzites to the East become much fore iron formation around this point.

Sample	CERT	Outcrop	Geologist	UTM-E	UTM-N	Elev. Z	Area	Date	Unit	Unit Description	Color	Grain	Oxide 1	Oxide 2	Texture	Structure	Orientation	Dip	Mag	Silica	Bedding	Comments/Field Notes
L219164	CA2087	HAN245	JB, MB, EC, RC	449308	6593524	134	Hopes Advance North	26-juil-12	contact 4mh/5													Upper contact. Unit 4 to west, beneath. Unit 5 to the east, overlying. We are traversing N, NW. Unit 4mh has crystalline hematite with some amphibole crystals. Fine to medium grained specular hematite.
L219165	CA2087	HAN281	JB, MB, EC, RC	448576	6593757	136	Hopes Advance North	26-juil-12	contact 4/5													
L219166	CA2088	HAN313	JB, MB, EC, RC	447983	6593724		Hopes Advance North	26-juil-12	contact 4m/5													edge of outcrop (western contact). Iron formation is banded.
L219167	CA2088	HAN314	JB, MB, EC, RC	447982	6593746	124	Hopes Advance North	26-juil-12	4mh + amphiboles													4mh (outcrop within iron formation) + amphibole crystals.
L219168	CA2088	NW3	JB, RC	431107,5219	6570526,181	227	North West Zone	28-juil-12	4h													Unit is non-magnetic and very hematite rich. Trending to 4hm 1m north of this point.
L219169	CA2088	NW4	JB, RC	431155,4189	6570519,861	243	North West Zone	28-juil-12	4mh													
L219170	CA2088	NW5	JB, RC	431178,1575	6570522,455	249	North West Zone	28-juil-12	4m													Fine grained quartz and magnetite.
L219171	CA2088	NW11	JB, RC	429457,7201	6570161,964	223	North West Zone	28-juil-12	4m													Fine grained, strongly magnetic. Black bladed amphiboles, randomly oriented.
L219172	CA2088	NW12	JB, RC	429434,9444	6570114,597	229	North West Zone	28-juil-12	4mh													Bladed black amphibole crystals, likely hornblende. Unit is fine grained, thin bedded.
L219173	CA2088	NW22	JB, RC	429352,9956	6569764,718	210	North West Zone	28-juil-12	4mh												203/51	
L219174	CA2088	NW24	JB, RC	429616,6145	6569926,227	221	North West Zone	28-juil-12	4h													Unit is steeply dipping. Traversing east.
L219175	CA2088	NW24	JB, RC	429616,6145	6569926,227	221	North West Zone	28-juil-12	4h													Unit is steeply dipping. Traversing east.
L219176	CA2088	NW25	JB, RC	429678,5084	6569933,324	219	North West Zone	28-juil-12	4hm													Unit is weakly magnetic, fine grained.
L219177	CA2088	NW33	JB, RC	429944,7391	6569371,607	174	North West Zone	28-juil-12	4m-4mh													Middle of outcrop. Magnetic variation present.
L217901	CA2087	HAW06	JB	427465,5973	6565764,247		West of Ford Lake	14-juil-12	1													Cliff outcrop. Extremely coarse grained quartz, mica and biotite, no hematite, unit is non-magnetic.
L217902	CA2087	HAW08	JB	427442,8379	6565304,112		West of Ford Lake	14-juil-12	3													Outcrop. Coarse magnetite grains. Medium to coarse quartz. Variably magnetic. Possibly chalcopyrite. Not very deformed or schistose.
L217903	CA2087	HAW10	JB	427499,0358	6564630,183		West of Ford Lake	14-juil-12	2													Approximately 95% quartz, coarse grained, possibly some biotite.
L217904	CA2087	HAW22	JB	428905,0691	6561788,298	111	West of Ford Lake	16-juil-12	5												345/42	Unit is non-magnetic, quartz rich. Extensive, visible weathering of iron carbonates. Approximately 30 m south of traverse live to reach maximum effect of northern facing exposures. Sample collected at 428876/6561766 due to less alteration from exposure. Fresh surfaces have high amounts of quartz (80%?) and are non-magnetic. Note presence of extensive milky quartz veins at surface, radiating outward from central location, approximately 20 m maximum from center and 1m wide. Quartz veins are not mineralized, and primarily oriented at 240 degrees.
L217905	CA2087	HAW28	JB	428817,1828	6561666,53	124	West of Ford Lake	16-juil-12	contact 4m/5							Contact						Unit 4 lies to the west, unit 5 to the east. Contact appears vertical. Visible deformation in Unit 5 to the NW, intermingling with Unit 4; the most visible alternating layers are approximately 10 cm wide. Unit 4 fold or localized deformation with trend/plunge 310/22, located at 428801/6561678.
L217906	CA2087	HAW28	JB	428817,1828	6561666,53	124	West of Ford Lake	16-juil-12	contact 4m/5							Contact						Unit 4 lies to the west, unit 5 to the east. Contact appears vertical. Visible deformation in Unit 5 to the NW, intermingling with Unit 4; the most visible alternating layers are approximately 10 cm wide. Unit 4 fold or localized deformation with trend/plunge 310/22, located at 428801/6561678.
L217907	CA2087	HAW31	JB	428831,1339	6561630,177	119	West of Ford Lake	16-juil-12	contact 4h/OV													Contact with overburden to the west, approximately 2 m. Unit 4h within larger segment appears to be 4m x 10 m at surface. Unit is not magnetic, extremely thin bedded, and very fine grained. With silica. Hematite is extremely concentrated to pure red power within this unit. Presence of some red chert bands to the west, sample collected at 428826/6561627
L217908	CA2087	HAW32	JB	428847,5339	6561642,353	123	West of Ford Lake	16-juil-12	contact 4m/5a							Contact	282					This is the eastern contact with Unit 5, continued southwards from point HAW28. Unit 4 is fine grained, strongly magnetic. Expression of quartz veins at surface though lacking any orientation. Between this traverse and Eddy's traverse 300 m further south, there is an open field with no unit expression (overburden).
L217909	CA2087	HAW33	JB	428842,5047	6561630,077	120	West of Ford Lake	16-juil-12	4mh													Unit is strongly magnetic with hematite.

Sample	CERT	Outcrop	Geologist	UTM-E	UTM-N	Elev. Z	Area	Date	Unit	Unit Description	Color	Grain	Oxide 1	Oxide 2	Texture	Structure	Orientation	Dip	Mag	Silica	Bedding	Comments/Field Notes
L217910	CA2087	HAW31	JB	428831,1339	6561630,177	119	West of Ford Lake	16-juil-12	contact 4h/OV													Contact with overburden to the west, approximately 2 m. Unit 4h within larger segment appears to be 4m x 10 m at surface. Unit is not magnetic, extremely thin bedded, and very fine grained. With silica. Hematite is extremely concentrated to pure red power within this unit. Presence of some red chert bands to the west, sample collected at 428826/6561627
L217911	CA2087	HAW34	JB	428922,8033	6561608,534	120	West of Ford Lake	16-juil-12	4mh/5							Contact	309	50				4mh lies to west, 5 to east. Unit 4mh contains some chert bands approximately 2-10 mm wide. Unit is extremely thin bedded, very fine grained, containing hematite and magnetite. Unit also displays mm scale quarts veins dipping at 63 degrees. End traverse.
L217912	CA2087	HAW36	JB	429177,5195	6561257,172	116	West of Ford Lake	16-juil-12	4m + carbonates/5							Contact	30	38				Unit 4m contains strong carbonate presence, abundant siderite grains up to 4 mm in width. Unit 4 is fine to medium grained and strongly magnetic.
L217913	CA2087	HAW37	JB	429175,6466	6561254,873	117	West of Ford Lake	16-juil-12	4mh contact													
L217914	CA2087	HAW38	JB	429172,484	6561253,811	116	West of Ford Lake	16-juil-12	4hm-4mh contact													Unit is quite variable in hematite and magnetite content around point measured. Fine grained with local variation.
L217915	CA2087	HAW39	JB	429169,1119	6561250,756	120	West of Ford Lake	16-juil-12	4m contact													Unit 4m is strongly magnetic in grained, significant quartz content. Unit also exhibits locally variable hematite content in one instance of taking a fresh surface. Overall unit is 4m.
L217916	CA2087	HAW40	JB	429157,1931	6561252,098	116	West of Ford Lake	16-juil-12	4h + chert													Unit is non-magnetic, exhibiting mm scale chert bands, very fine grained.
L217917	CA2087	HAW42	JB	429141,5451	6561243,809	117	West of Ford Lake	16-juil-12	4h contact													Loss of magnetism as we traverse west to this unit. Pure hematite, very fine grained.
L217918	CA2087	HAW43	JB	429124,4245	6561229,76	120	West of Ford Lake	16-juil-12	4h + chert													Unit is very fine grained with distinct red chert bands and mm scale quartz veins.
L217919	CA2087	HAW48	JB	429080,7752	6561224,672	119	West of Ford Lake	16-juil-12	4m-5m contact													Approaching contact with unit 4 and unit 5 (to west). This point shows intermingling of the 2 units.
L217920	CA2087	HAW54	JB	429244,7822	6560769,978	109	West of Ford Lake	16-juil-12	4h contact													Unit is non-magnetic, very high hematite content. As we traverse west, unit 4h acquires small chert bands up to 1 cm wide.
L217921	CA2087	HAW56	JB	429250,9108	6560767,409	112	West of Ford Lake	16-juil-12	4m contact													Contact with unit 4mh to the west
L217922	CA2087	EC004	EC	429014	6561469	114	West of Ford Lake	16-juil-12	4m													
L217923	CA2087	EC005	EC	429090	6561466	112	West of Ford Lake	16-juil-12	4mh													
L217924	CA2087	EC009	EC	429084	6561446	112	West of Ford Lake	16-juil-12	4h + chert													
L217925	CA2087	Duplicate	EC	429084	6561446	112	West of Ford Lake	16-juil-12	4h + chert													
L217926	CA2087	EC010	EC	429059	6561440	112	West of Ford Lake	16-juil-12	4h + red chert													
L217927	CA2087	EC012	EC	429045	6561432	112	West of Ford Lake	16-juil-12	4m													
L217928	CA2087	EC013	EC	429036	6561427	112	West of Ford Lake	16-juil-12	4m		8											
L217929	CA2087	EC016	EC	429031	6561428	109	West of Ford Lake	16-juil-12	4hm + chert		8											
L217930	CA2087	EC018	EC	428984	6561440	114	West of Ford Lake	16-juil-12	4m		8											
L217931	CA2087	EC026	EC	429159	6560919	107	West of Ford Lake	16-juil-12	4m + cummingtonite		8											
L217932	CA2087	EC028	EC	429162	6566926	101	West of Ford Lake	16-juil-12	4m + silica		8											
L217933	CA2087	EC029	EC	429166	6560923	106	West of Ford Lake	16-juil-12	4m		8											
L217934	CA2087	EC031	EC	429174	6560928	108	West of Ford Lake	16-juil-12	4m		4		N									
L217935	CA2087	EC032	EC	429178	6560928		West of Ford Lake	16-juil-12			4		N									
L217936	CA2087	EC033	EC	429183	6560930	109	West of Ford Lake	16-juil-12	4hm + chert		4		W									
L217937	CA2087	EC035	EC	429192	6560936	112	West of Ford Lake	16-juil-12	4hm + chert		4		W									
L217938	CA2087	EC037	EC	429201	6560941	114	West of Ford Lake	16-juil-12	4mh		4		W									
L217939	CA2087	EC038	EC	429202	6560941	111	West of Ford Lake	16-juil-12	4mh		4		W									
L217940	CA2087	EC041	EC	429233	6560950	110	West of Ford Lake	16-juil-12	4m		4		W									
L217941	CA2087	HAW83	JB	426207,4697	6557573,45	195	West of Ford Lake	18-juil-12	1													Intrusive mafic gabbro. Exhibits weak magnetism, primarily composed of quartz, biotite, and amphiboles, mafic minerals.
L217942	CA2087	HAW98	JB	426977,7905	6555444,849	265	West of Ford Lake	19-juil-12	4m													Strongly magnetic, fine grained quartz and magnetite. Unit continues to the east. Slightly oxidized on surface, some grunerite in hand sample.
L217943	CA2087	HAW101	JB	427014,2165	6555436,908	266	West of Ford Lake	19-juil-12	4m contact													Unit 4m contacts with unit 1 to north. Unit 4m is fine grained quartz and biotite, lean with high silica content. Mm scale quartz veins. Unit is only weakly magnetic. Unit 1 is composed of coarse grained quartz, biotite, plagioclase. Minimal oxidation at surface. Contact is approximately 286 degrees, no available dip.
L217944	CA2087	HAW105	JB	427023,1974	6555409,448	264	West of Ford Lake	19-juil-12	4m													Contains biotite, irregular discontinuous bands of magnetite alternating with quartz. Possibly mica or pyrite or Pyrrhotite, though very thing with no distinct crystal. Approximate contact line. Weakly magnetic, unit 1 continues to the east.

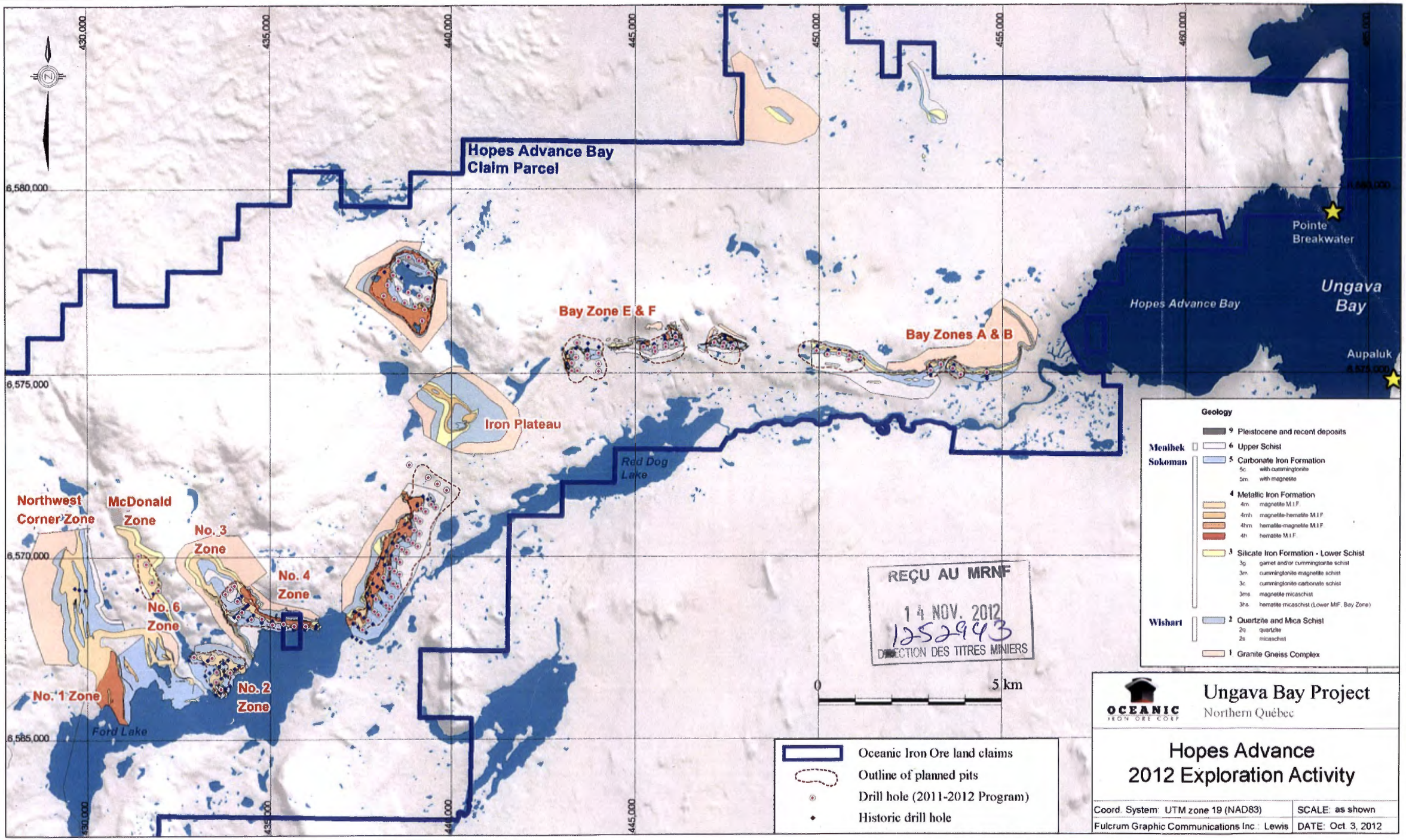
Sample	CERT	Outcrop	Geologist	UTM-E	UTM-N	Elev. Z	Area	Date	Unit	Unit Description	Color	Grain	Oxide 1	Oxide 2	Texture	Structure	Orientation	Dip	Mag	Silica	Bedding	Comments/Field Notes
L217945	CA2087	HAW106	JB	427014,9272	6555390,225	261	West of Ford Lake	19-juil-12	4m-3													Appears to be unit 4 due to magnetism and interbedded quartz and magnetite; fine to medium grained in hand sample. May b intermingulated with unit 3 due to visible bands of micaceous minerals possibly altered biotite. Altered bands approximately 1 cm wide. Presence of localized green amphiboles, fibrous in some places and up to 1 cm long. Some brown carbonates and quartz in hand sample. May be alteration/oxidation along contact. Contact unit 1 to the east.
L217946	CA2087	HAW108	JB	426983,7185	6555371,665	259	West of Ford Lake	19-juil-12	3													Slightly non-magnetic. Amphiboles, biotite, very micaceous, Nodules of unit 4m interspersed within. Strong evidence of deformation at surface.
L221501	CA2087	MB010	MB	427474	6557238	150	West of Ford Lake	18-juil-12	Gabbroic Boulders													Very oxidized gabbroic boulders with few pyrite grains. Overall, medium grained and contains <5% blue qtz. Consists mainly of plag and mafic minerals (amphiboles). Boulders extend over an area of 20-25m
L221502	CA2087	MB011	MB	427396	6557084	150	West of Ford Lake	18-juil-12	Gabbroic Unit													Outcrop stretches about 50m west. Strong oxidation, medium grained. Cut by quartz vein, oxidized strongly along marginal contacts and along fractures.
L221503	CA2087	MB012	MB	427396	6557084	150	West of Ford Lake	18-juil-12	Gabbroic Unit													Sample collected about 15m away from previous point/sample. Sample shows quartz with localized chloritization along margins of contact and along areas of brecciation.
L219201	CA2087	N Zone					EC	22-juil-12	3sm													
L219202	CA2087	N Zone						22-juil-12	Gossan?													
L219203	CA2087	N Zone					Hopes Advance North	24-juil-12	4													
L219204	CA2087	N Zone		449511	6589412			2012-07-22 09:22	4													
L219205	CA2087	N Zone	RC	450184	6593343	142	Hopes Advance North	2012-07-26 09:22	4													
L219206	CA2087	N Zone	RC	451228	6592980	121	Hopes Advance North	2012-07-26 11:37	4													
L219207	CA2087	N Zone	RC	451312	6592943	123	Hopes Advance North	2012-07-26 11:55	4													
L219208	CA2087	N Zone	RC	453311	6592166	76	Hopes Advance North	2012-07-26 14:36	4													
L219209	CA2088	ER004	EC, RC	429978	6568661	145	North West Zone	29-juil-12	4mh													
L219210	CA2088	ER003	EC, RC	429944,7391	6569371,607	174	North West Zone	29-juil-12	4m							Fold Axis	220	38				4m from last point. Orientation of fold axis recorded. Sample collected.
L219211	CA2088	ER006	EC, RC	429897	6568771	146	North West Zone	29-juil-12	5am													5am located just above unit 4 - normal bedding. At eastern edge of outcrop. Sample collected.
L219212	CA2088	ER008	EC, RC	429883	6568781	146	North West Zone	29-juil-12	Anticline/Sample	4						Anticline	25					Anticline noted and plunging to the N. Coordinates are for sample location.
L219213	CA2088	ER011	EC, RC	429720	6568775	145	North West Zone	29-juil-12	Unit 4									73 E				Continuation of unit 4 walking up small ridge. 4m - strongly magnetic and fine grained. Sample collected.
L219214	CA2088	ER015	EC, RC	429626	6568773	146	North West Zone	29-juil-12	4mh													Outcrop of 4mh - sample collected.
L219215	CA2088	ER021	EC, RC	429812	6568245	137	North West Zone	29-juil-12	Sample													Coordinates for sample collection.
L219216	CA2088	ER027	EC, RC	430010	6568244	135	North West Zone	29-juil-12	Sample												322/59 E	Sample location. Orientation of IF recorded as well. IF maybe anticlinal.
L219217	CA2088	ER035	EC, RC	429863	6567924	137	North West Zone	29-juil-12	Unit 4													End of unit 4 outcrop. Sample collected.
L219218	CA2088	ER039	EC, RC	429842	6567283	128	North West Zone	29-juil-12	4hm-4h + Chert													Massive, local bands of red chert present throughout ridge of IF. Red chert. Unit mainly 4h-4h + chert with some 4hm. This unit may be underlying 5a (where we ended on last TR).
L219219	CA2088	4	EC, RC	431665	6567888	117	North West Zone	30-juil-12	4mh													Traverse L12W. Unit 4hm, weakly magnetic
L219220	CA2088	1	EC, RC	431566	6567770	112	North West Zone	30-juil-12	4hm									53 E				Unit 4m is well banded.
L219221	CA2088	8	EC, RC	431847	6567738	123	North West Zone	30-juil-12	4hm-4mh							Banding	337	31				Unit is fine grained, with biotite and magnetite. Well banded, 337/31E
L219222	CA2088	16	EC, RC	432186	6567427	112	North West Zone	30-juil-12	4hm													Sample taken in the middle of 4hm outcrop. Hematite banded fold.
L219223	CA2088	23	EC, RC	431796	6567448	107	North West Zone	30-juil-12	4hm													Sample of fine flaky hematite
L219224	CA2088	48	EC, RC	432308	6567164	109	North West Zone	30-juil-12	4m									68 W				Contact to east with 3sb. 4m banded and siliceous with quartz bands. Beds dipping 68 degrees to West.
L219225	CA02103	101	EC, RC	430776	6567270	107	North West Zone	01-août-12	4m													Outcrop cliff of 20m of flat lying iron formation of 4m nearby. Bedding at 45 degrees NE at 430784/6567269/103
L219226	CA02103	101	EC, RC	430776	6567270	107	North West Zone	01-août-12	4m													Outcrop cliff of 20m of flat lying iron formation of 4m nearby. Bedding at 45 degrees NE at 430784/6567269/103
L219227	CA02103	118	EC, RC	430822	6566813	98	North West Zone	01-août-12	4h													Unit underlying 4m, hematite rich with some overlying 4hm (narrow unit overlying 4m)
L219228	CA02103	139	EC, RC	430981	6566409	108	North West Zone	01-août-12	4h													Unit lies near the 4m contact
L219229	CA02103	142	EC, RC	430236	6566446	101	North West Zone	01-août-12	4h													Bedding at 18 degrees NE

Sample	CERT	Outcrop	Geologist	UTM-E	UTM-N	Elev. Z	Area	Date	Unit	Unit Description	Color	Grain	Oxide 1	Oxide 2	Texture	Structure	Orientation	Dip	Mag	Silica	Bedding	Comments/Field Notes
L219230	CA02103	145	EC, RC	430591	6566047	94	North West Zone	01-août-12	4mh													Outcrop of 4mh bands and beds. Beds dip at 10 degrees East North East.
L217883	CA02103	IP Tr-3.2	JB	440605	6573924	219	Iron Plateau	23-juin-12	3sm/4m?													Unit is extremely magnetic and consists of abundant fine grained magnetite, silica and biotite. Slightly coarser biotite appears as bands within unit - at least present locally (observed in grab sample).
L217884	CA02103	IP Tr-3.3	JB	440609	6573871	181	Iron Plateau	23-juin-12	4hm													Outcrop is moderately exposed and extends for about 5-6m. Unit is rich in fine grained hematite and silica (possibly 4hm lean). Unit has moderate to strong magnetics. Previous unit is likely 4m.
L217885	CA02103	IP Tr-3.5	JB	440598	6573818	169	Iron Plateau	23-juin-12	4mh								10					Outcrop is well exposed for about 5-6m. Fresh surface is mainly black in color and consists of abundant fine grained magnetite with lesser amounts of hematite and moderate silica. Grunerite and brown carbonate (?) is at least locally abundant as small lens-like extensions (observed in grab sample). Unit is strongly magnetic.
L217886	CA02103	IP Tr-4.4	JB	440173	6573470	173	Iron Plateau	23-juin-12	(3s-3sm)-4m Contact													Unit 4m overlies about 1.5m thick unit of 3sm-3s. Unit 4m is minimally schistose near the 3s-3sm contact and consists of abundant fine grained magnetite, moderate amounts of fine grained silica and lesser amounts of fine grained white mica/fibrous white amphibole - located along discontinuous v-thin bands (observed in grab sample). 4m is strongly magnetic and about 1/2m thick - minimal exposure. Unit 3 consists of magnetite (locally abundant near 4m contact) and white mica (schistose). Unit contains very fine grained, very thin beds that are foliated with some small scale deformation (minor folding of thin beds).
L217887	CA02103	IP Tr-5.6	JB	440026	6574213		Iron Plateau	24-juin-12	4hm													Outcrop of 4hm is about 2m wide and abundant in fine grained specular hematite over magnetite. Unit also contains moderate amounts of fine grained silica. Unit is strongly magnetic with moderate to minimal exposure. GPS points taken at beginning and end of outcrop, respectfully.
L217888	CA02103	IP Tr-6.5	JB	439924	6574246		Iron Plateau	28-juin-12	4m (lean?)							132/32 (RH)					132/32	Unit consists of abundant fine grained magnetite and silica. Unit is extremely magnetic and about 5m thick, 10m wide and extends for about 4m visibly along strike.
L217889	CA02103	IP Tr-7.2	JB	439642	6574547		Iron Plateau	24-juin-12	4mh							230/22 (RH)					230/22	Unit is very magnetic and extends along strike for about 12-15m with minimal exposure. Visibly, outcrop is about 1/2m thick, consists of abundant fine grained magnetite, moderate amounts of hematite and lesser silica.
L217890	CA02103	IP-005	EC, JB	438959	6575356		Iron Plateau	25-juin-12	VMS	Sulphide Zone												VMS; boundary at edge of outcrop
L217891	CA02103	IP-006	EC, JB	438953	6575341		Iron Plateau	25-juin-12	VMS	Sulphide Zone												VMS sampling location
L217892	CA02103	IP-007	EC, JB	438959	6575341		Iron Plateau	25-juin-12	VMS	Sulphide Zone												VMS sampling location
L217893	CA02103	L217893	EC, JB	438067	6575321		Iron Plateau	25-juin-12	VMS	Sulphide Zone												VMS sampling location
L217853	CA02459	Z4TR1-01	MB, JB	434472	6567296		Zone 4	16-juin-12	4m-4mh							008/39 (RH)						Unit is black and ranges from coarse grained (observed in grab sample) to predominantly fine grained magnetite with minor specular hematite. Unit is strongly magnetic and overlies Archean basement rock that outcrops just to the west. About 2m above, this unit is in contact with unit 5: Quartzose sediment with Fe-bearing carbonates, weathers black-brown. Unit is fine grained with a sugary/granular texture. Fe-bearing carbonate nodules are moderately leached and oxidized. ~ 20-25% Fe-carbonate nodules are present within the quartz dominated matrix. Unit is moderately magnetic near the contact with 4m-4mh. With elevation, magnetism disappears.
L217854	CA02459	Z4TR2-02	MB, JB	434106	6567834		Zone 4	16-juin-12	2-4m lean Contact													Contact between schist (unit 2) and 4m (lean) unit. 4m lean contains abundant magnetite and silica, hematite veinlets observed in grab sample. Unit is moderately to strongly magnetic. Minor leaching (possibly of carbonates) observed locally throughout unit as small voids/vugs. Unit extends for about 5m and transitions into 4hm unit - weaker magnetism.
L217855	CA02459		MB, JB	434121	6567844		Zone 4		4m-4hm Transition													4hm displays weak to moderate magnetism, is fine grained and contains abundant specular hematite with respect to magnetite. Unit is also minorly siliceous.

Sample	CERT	Outcrop	Geologist	UTM-E	UTM-N	Elev. Z	Area	Date	Unit	Unit Description	Color	Grain	Oxide 1	Oxide 2	Texture	Structure	Orientation	Dip	Mag	Silica	Bedding	Comments/Field Notes
L217856	CA02459	Z4TR2-03	MB, JB	434126	6567843		Zone 4	16-juin-12	4mh							318/50 (RH)						Unit 4mh outcrops approx. 15m from 2-4m lean contact and extends to the bottom of overlying quartzose sediment (unit 5). Unit is very strongly magnetic, is fine grained with abundant magnetite over hematite. Fe-bearing amphibole is locally present (seen as a narrow band-like area within grab sample). Unit overall is about 2m thick. 4hm unit follows and is about 5m thick. About 1m of 4m overlies 4hm unit.
L217857	CA02459	Z4TR2-04	MB, JB	434132	6567858		Zone 4	16-juin-12	4m-5a Contact													4m unit is black in color, very fine grained and very strongly magnetic. Unit exhibits platy cleavage - due to its possible location within a thrust fault zone. The stratigraphically uppermost 5a unit (in contact with 4m) is overlain by a block of stratigraphically lower iron formation. The quartzose sediments also exhibit platy cleavage as well as moderate oxidation and leaching of iron carbonates. The quartzose sediment ranges from 1-2m thick. The overlying thrust block begins with a thin (~1m) unit of possibly the lower schist (unit 2 - observed here as non-magnetic, fine grained fault gouge - leached and platy in areas, weathered black). The upper limit of 2 is in contact with 4m - unit is 2.5 - 3m thick, black and contains very fine grained massive magnetite.
L217858	CA02459	Z4TR2-05	MB, JB	434138	6567861		Zone 4	16-juin-12	4m-4hm Contact													4hm unit is minor-moderately magnetic and about 5m in thick. Specular hematite is abundant with respect to magnetite, both are fine grained and massive. Very minor to minor primary and secondary silica present throughout sample. Secondary silica generally appears as veinlets or overprints. 4hm underlies an approx. 3m thick unit of 4m.
L217859	CA02459	Z4TR2-06	MB, JB	434144	6567865		Zone 4	16-juin-12	4m-5 Contact													Unit 4m is strongly magnetic, about 3m thick. Its upper limit is in contact with unit 5. 4m is fine grained and contains moderate amounts of primary silica and abundant, massive, fine grained magnetite. The overlying quartzose sediment (unit 5) is fine grained, moderately oxidized and locally displays platy cleavage. The sediments host Fe-bearing carbonate nodules that are extensively leached. On average this unit contains 15-20% Fe-carbonate nodules and is locally, weakly magnetic (possibly 5m-5a transition).
L217860	CA02459	Z4TR3-02	MB, JB	433950	6568105		Zone 4	16-juin-12	OB-4hm Contact													4hm unit is moderately magnetic and contains fine grained abundant specular hematite and lesser fine grained magnetite. Minor secondary silica is present as small narrow veins or leached void/vug fill-in. This 4hm unit is in contact with a 2.5 - 3m thick unit of 4m - the upper limit of which extends to the bottom of the overlying quartzose sediment (unit 5).
L217861	CA02459	Z4TR3-03	MB, JB	433958	6568105		Zone 4	16-juin-12	4m-5 Contact													Unit 4m is black, fine grained and strongly magnetic. Unit becomes increasingly more leached toward unit 5 (possibly a 4m-5m-5a transition). Small thin veins of silica are present but are minor overall. Overlying iron-carbonate bearing (~30%) quartzose sediments are intensely oxidized, leached and fine grained. Overall unit 5 is about 5-6m thick.
L217862	CA02459	Z4TR3-05	MB, JB	433992	6568144		Zone 4	16-juin-12	OB-Fault Gouge Contact													Fault gouge is a non magnetic, 3m thick unit. It is black, fine grained - possibly argillite and underlies unit 4hm. 4hm is weak to moderately magnetic, contains minor secondary silica veining. This 4hm unit is predominantly fine grained, grey-blue metallic hematite (abundant and massive). 4hm contains lenses or pods of what appears to be 4h (black-dark brown unit, bright red streak, fine grained and non-magnetic). Sample of 4hm collected. IF in area appears to be folded and displays areas of soft sediment deformation.
L217863	CA02459	Z4TR3-06	MB, JB	434012	6568157		Zone 4	16-juin-12	4hm-(4mh-4m) Contact							310/27 (RH)						Possible fold axis and transition zone. Contacts are hard to determine but streak test and magnetism of unit and unit color suggest an almost gradational change in composition. 4mh-4m unit continues to lower limit of 5am. 4mh-4m is black to dark grey in color, contains abundant magnetite and locally contains moderate amounts of silica. Unit is strongly magnetic. 4mh-4m bedding measurement: 310/27 RH. 5am unit is locally moderately magnetic, foliated and is more micaceous than previously observed unit 5 outcrops and displays platy cleavage. Leaching of Fe-carbonates seems to be more minor. Unit is about 2m thick. 5am unit transitions into unit 5a.

Sample	CERT	Outcrop	Geologist	UTM-E	UTM-N	Elev. Z	Area	Date	Unit	Unit Description	Color	Grain	Oxide 1	Oxide 2	Texture	Structure	Orientation	Dip	Mag	Silica	Bedding	Comments/Field Notes
L217864	CA02459	Z4TR4-03	MB, JB	433843	6568373		Zone 4	16-juin-12	OB-4m Contact							193/30 (013/30) (RH))						4m unit ranges from moderately to highly magnetic (possibly locally 4m lean). Unit is black in color, no hematite is observed. Rich in fine grained magnetite and contains abundant primary silica and secondary silica veinlets.
L217865	CA02459	Z4TR4-05	MB, JB	433843	6568373		Zone 4	16-juin-12	5a-5m Contact													5m unit is rich in fine grained magnetite and silica hosting Fe-carbonate nodules. Moderate leaching of nodules is observed throughout. Unit is moderately to strongly magnetic and dark gray to black in color. It is about 3m thick and transitions into 4m + Carb. No hematite observed. 4m unit is fine grained with moderate to abundant silica and abundant magnetite. Leaching is locally extensive. Soft sediment deformation is evident in small tight folds throughout. 4m + Carb sample collected (L217866).
L217866	CA02459		MB, JB	433843	6568373		Zone 4															
L217867	CA02459	Z4TR4-06	MB, JB	433881	6568503		Zone 4	16-juin-12	4m + Carb - 4mh + Carb Contact							258/46 (RH)						4mh unit also displays locally, moderate carbonate leaching. Unit is black/slightly metallic grey in color and is abundant in fine grained magnetite. Small, minor silica veinlets are present locally. Magnetism varies from moderate to strong. Possibly a transitional contact between 4m and 4mh (+ Carb).
L217868	CA02459	Z4TR5-03	MB, JB	433722	6568525		Zone 4	2012-06-17	OB-4hm Contact							328/32 (RH)						4hm unit displays low to moderate magnetism overall, is rich in fine grained specular hematite compared to fine grained magnetite. Unit is about 6m thick.
L217869	CA02459	Z4TR5-04	MB, JB	433726	6568531		Zone 4	2012-06-17	4hm-(4mh-4m) Contact													4mh-4m unit displays moderate to strong magnetics, low local abundance of fine grained hematite. Magnetite is abundant and fine grained. Both primary and secondary fine grained silica appear to be minor. Unit is approximately 2 to 3m thick.
L217870	CA02459	Z4TR5-06	MB, JB	433732	6568540		Zone 4	2012-06-17	4hm-4m Contact													4m unit is fine grained, black to dark grey in color. Contains massive fine grained, abundant magnetite, silica is locally abundant. Overall unit is moderately to strongly magnetic and about 3m thick. Dip of bedding appears to remain constant.
L217871	CA02459	Z4TR5-09	MB, JB	433761	6568551		Zone 4	17-juin-12	OB-4m + Carb Contact													Outcrop of 4m + Carb extends for about 10m (until intersection of OB), is black in color and strongly magnetic. Unit contains abundant fine grained magnetite and moderate amounts of fine grained silica. Carbonate leaching is evident throughout but localized and minor.
L217872	CA02459	Z4TR6-02	MB, JB	433604	6568767		Zone 4	17-juin-12	OB-4hm Contact							345/28 (RH)						4hm unit is grey in color, contains abundant fine grained hematite over fine grained magnetite and moderate amounts of fine grained silica. Hematite becomes coarser along localized band-like areas (seen in grab sample) and is associated with a brown mineral - possibly siderite. Unit is moderately to strongly magnetic overall and is about 18m thick.
L217873	CA02459	Z4TR6-03	MB, JB	433622	6568789		Zone 4	17-juin-12	4hm-4m Contact													4m unit is about 2m thick an is strongly magnetic. Abundant fine grained magnetite and moderate amounts of fine grained primary silica are present. Secondary silica is abundant on weathered surface. Dip of bedding remains fairly consistent at 24 degrees. 4hm unit begins again just above 4m unit and extends about 6m to OB. Unit contains abundant fine grained specular hematite and minor-moderate amounts of fine grained silica.
L217874	CA02459		MB, JB	433517	6569012		Zone 4	17-juin-12	OB (Snow Cover) - 4hm Contact							315/22 (RH)						4hm unit appears to NE on opposite side of snow cover. This unit is richer in fine grained hematite and silica is minor, at least locally. Magnetism ranges from weak to moderate overall.
L217875	CA02459		MB, JB	433517	6569012		Zone 4		Duplicate Sample													
L217876	CA02459	Z4TR7-05	MB, JB	433524	6569018		Zone 4	17-juin-12	4hm-(4mh-4m) Contact													4hm is covered by OB at top of succession. There is minimal exposure of 4mh-4m transition zone in OB area. 4mh-4m unit locally contains fine grained hematite and abundant fine grained magnetite, and also contains minor and locally moderate amounts of fine grained quartz. Leached vugs (possibly due to carbonate leaching) are also localized and minor in lower areas. Unit is predominantly strongly magnetic and outcrops sporadically for about 6-7m. 4mh-4m unit is overlain by unit 5am further to NE.

Sample	CERT	Outcrop	Geologist	UTM-E	UTM-N	Elev. Z	Area	Date	Unit	Unit Description	Color	Grain	Oxide 1	Oxide 2	Texture	Structure	Orientation	Dip	Mag	Silica	Bedding	Comments/Field Notes
L217877	CA02459	Z4TR8-02	MB, JB	433306	6569701		Zone 4	18-juin-12	OB-4hm Contact							315/20 (RH)						4hm is abundant in fine grained hematite and fine grained primary silica. Very thin and narrow ~ 1mm in width silica veinlets and larger, coarser grained (~3-5cm in width) silica veins are observed as well. Unit is weakly to moderately magnetic with moderate exposure overall. Unit extends for 18m. 4hm is blue/grey in color and metallic on fresh surface. Intensely weathered black/dark brown as well. Fine grained magnetite is also present in lesser amounts. Thin bands of red-pink chert present at least locally (observed in grab sample). Moving up section, presence of secondary qtz veins depletes. Grunerite is locally present in moderate amounts. Zones of stronger magnetism are also observed.
L217878	CA02459	Z4TR8-03	MB, JB	433322	6569099		Zone 4	18-juin-12	4hm-4m Contact													4m is strongly magnetic and consists of abundant fine grained magnetite and primary silica. Minor secondary siderite (brown carbonate?) are also locally observed. Fresh surface is grey in color. Unit is about 3.5m thick.
L217879	CA02459	Z4TR8-07	MB, JB	433412	6569187		Zone 4	18-juin-12	4hm-4m Contact							309/18 (RH)						Inferred contact. About 1m OB and 1-3m snow cover resides between units. 4m consists of abundant very fine grained magnetite and moderate-minor amounts of primary silica. Secondary silica is abundant on weathered surface. Unit is strongly magnetic and extends about 1.5m to the base of unit 5a. Unit displays irregular, discontinuous bands of a brown/beige crystalline mineral - maybe crystalline carbonate. Qtz veins (possibly) are present within these bands and are oriented nearly 45 degrees to the parallel edges (diagonal, repetitive veining).
L217880	CA02459	Z4TR9-02	MB, JB	433013	6569339		Zone 4	18-juin-12	Isolated Outcrop of 3shm													Unit is isolated and extends for about 1m across and is 2m in length. It is very fine grained schistose, metallic blue-grey to dull and black. Unit consists of abundant fine grained hematite and abundant silica with lesser magnetite. Minimal exposure due to extensive OB.
L217881	CA02103	Z4TR12-01	MB, JB	433656	6569713		Zone 4	19-juin-12	OB-3sm Contact							127/24 (RH)						3sm is a fine grained magnetite, biotite, quartz schist. Coarser grained quartz is localized along bands/veins. Unit is strongly magnetic and about 1/2 m thick and visibly 3m long.
L217882	CA02103	Point B	MB, JB	433578	6569653		Zone 4	19-juin-12	Isolated Outcrop of 4hm							143/16 (RH)						Isolated outcrop of 4hm at edge of stream - minimal exposure. Unit is rich in fine grained specular hematite with lesser amounts of fine grained magnetite and minor silica. Red chert (?) present locally but very minor. Unit displays moderate to strong magnetics. Visibly, unit is about 4-5m wide.


Hopes Advance Bay
Claim Parcel
Bay Zone E & F
Bay Zones A & B
Iron Plateau
Red Dog
Lake
Northwest
Corner Zone
McDonald
Zone
No. 3
Zone
No. 4
Zone
No. 6
Zone
No. 1 Zone
No. 2
Zone
Ford Lake
Pointe
Breakwater
Hopes Advance Bay
Ungava
Bay
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Geology
9 Pleistocene and recent deposits
Menihek
6 Upper Schist
Sokoman
5 Carbonate Iron Formation
5c with cummingtonite
5m with magnetite
4 Metallic Iron Formation
4m magnetite M.I.F.
4mh magnetite-hematite M.I.F.
4hm hematite-magnetite M.I.F.
4h hematite M.I.F.
3 Silicate Iron Formation - Lower Schist
3g garnet and/or cummingtonite schist
3m cummingtonite magnetite schist
3c cummingtonite carbonate schist
3ms magnetite micaschist
3hs hematite micaschist (Lower MIF, Bay Zone)
Wishart
2 Quartzite and Mica Schist
2q quartzite
2s micaschist
1 Granite Gneiss Complex
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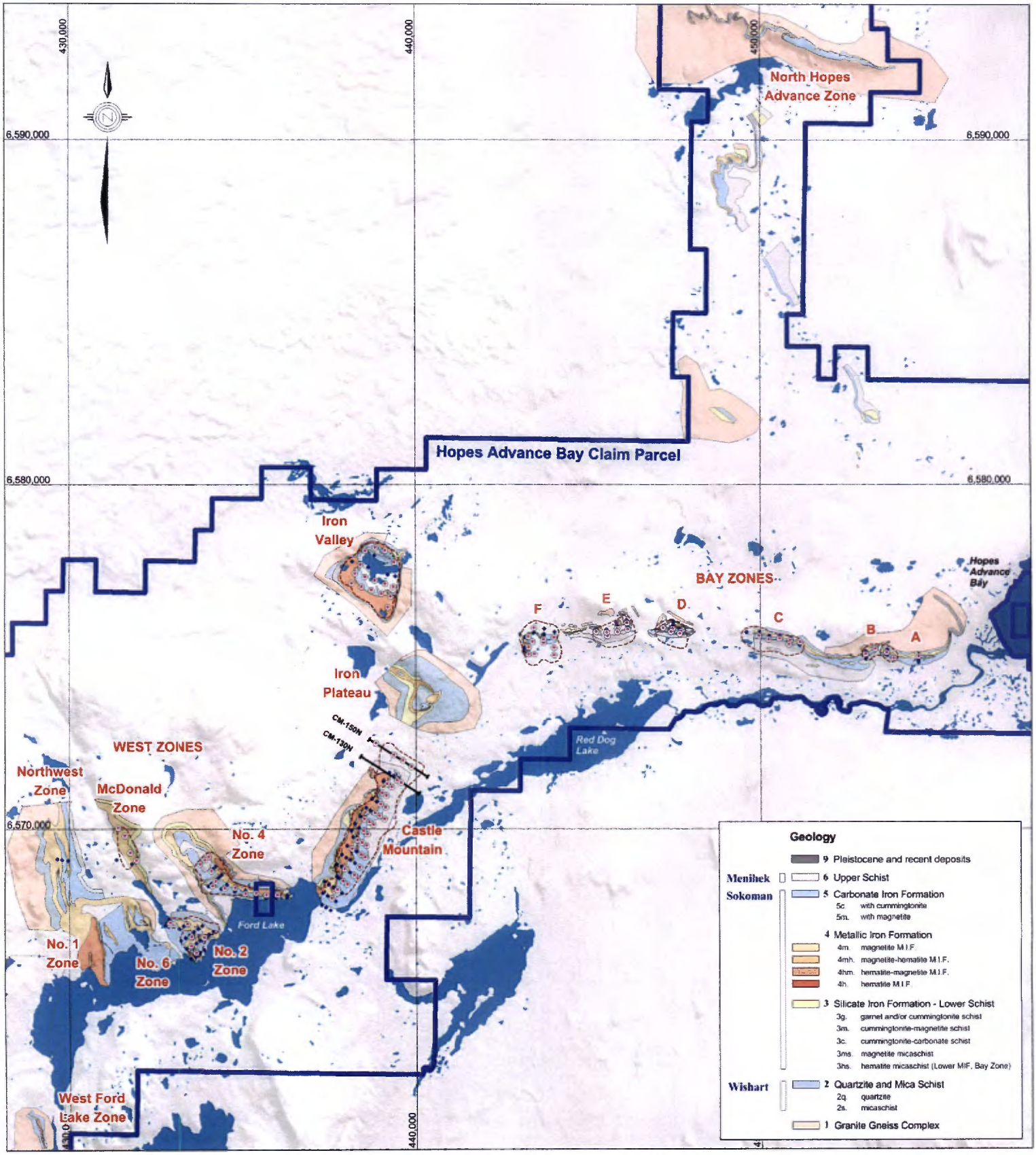
5 km
Oceanic Iron Ore land claims
Outline of planned pits
Drill hole (2011-2012 Program)
Historic drill hole
OCEANIC
IRON ORE CORP
Ungava Bay Project
Northern Québec
Hopes Advance
2012 Exploration Activity
Coord. System: UTM zone 19 (NAD83)
SCALE: as shown
Fulcrum Graphic Communications Inc.: Lewis
DATE: Oct. 3, 2012



OCEANIC IRON ORE CORP

Ungava Bay Project

Northern Québec

Hopes Advance 2012 Exploration Activity

Coord. System: UTM zone 19 (NAD83)	SCALE: as shown
Fulcrum Graphic Communications Inc.: Lewis	DATE: Oct. 4, 2012

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