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Pancake Bay Winter 2012

Drill Report

Prepared by: Sean Timpa
Date: September 26th, 2012.



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1 Summary

Halo Resources Ltd. conducted 1295 m of diamond drilling in the Pancake Bay area in the winter of 2012. Five holes were drilled: PB12-032 to PB12-035 were drilled at an azimuth of $\sim 210^\circ$ to provide stratigraphic information on either side of the fault and PB12-036 was drilled at an azimuth of 255° to intersect the fault. A sixth hole was planned but was cancelled due to extremely warm weather in mid- to late-March.

Assay values revealed only sub-economic, highly anomalous gold values but this is largely due to the fact that the fault targeted by this program was not intersected. These anomalous gold values indicate that sulfide-rich gold-bearing fluids were present in this area and may have been using the target fault as a primary conduit.

Offset along the main north-south trending fault is estimated at 150 m to 250 m of sinistral displacement. The discrepancy between the estimates of offset can be reconciled by deformation along the fault being accommodated by low competence units within the chemical sediments to the west of the fault.



2 Property Location and Access

The property is located approximately 35 kilometers west of Red Lake in Ball Township, Ontario (NTS 52M/1) and occurs within an area of widespread gold mineralization from surface showings and small gold deposits (Fig. 2.1 and 2.2).

Overland access to the property is possible during the winter by two different routes (Fig. 3.1):

Via the Suffel Lake Road

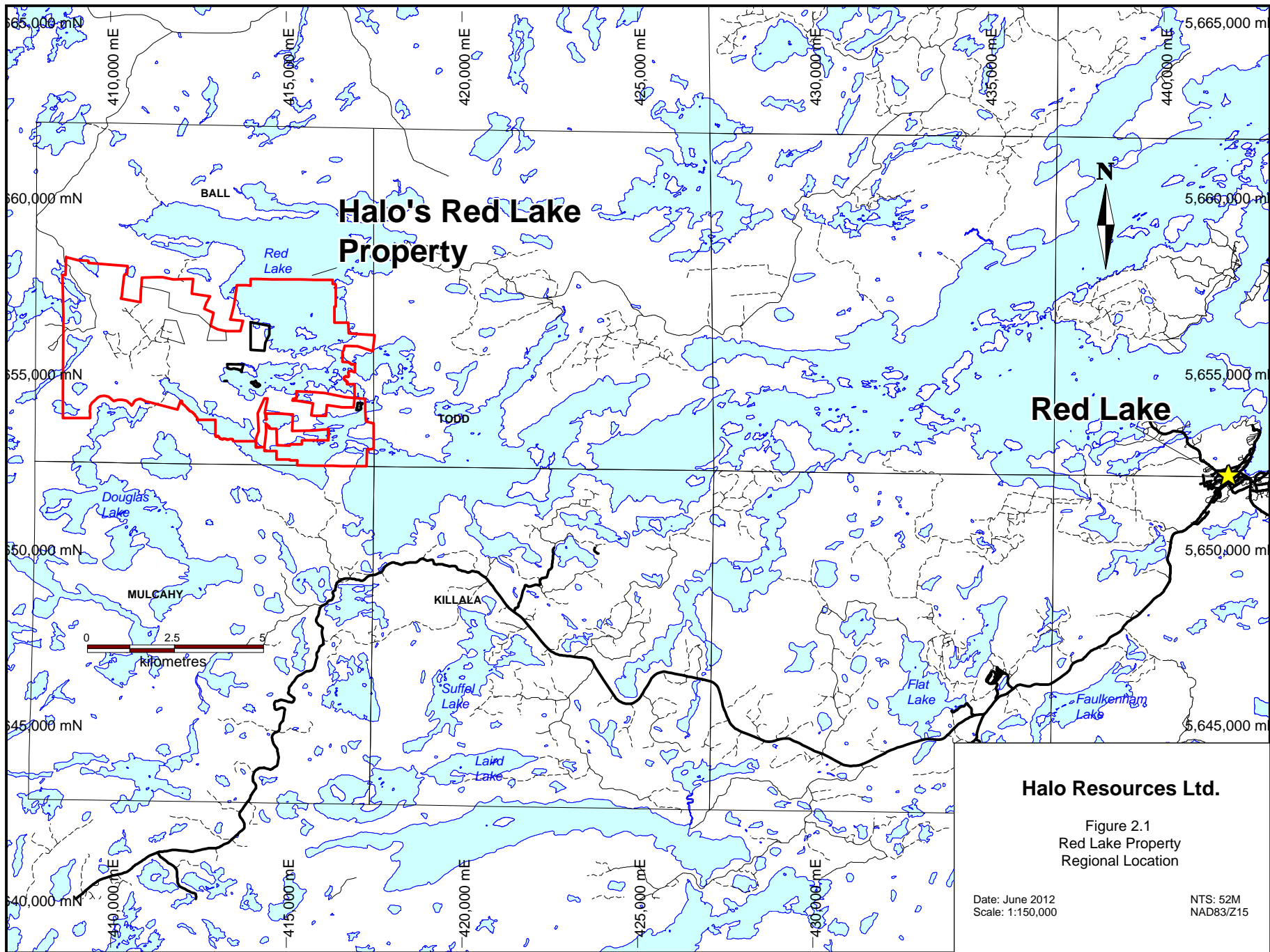
- Turn left at the main intersection in Red Lake toward Madsen
- 200 m past the turn into Madsen, turn right onto the Suffel Lake Road and travel for 24 km
- Park at the trail head and continue by quad or snow machine for 2 km to the southern tip of Trout Bay
- Travel 7 km over Trout Bay to Pancake Bay

Via the Nungesser Road:

- Turn on to Nungesser Road which is located 1 km. north of Balmertown, Ontario and travel north for 16 km.
- Turn west on the Pine Ridge Forestry Access Road and travel for 52 km.
- Turn south on McIntosh Road and travel for 11 km, park at the trail head and continue by quad or snow machine.
- Travel ~10 km southeast on drill trails to Pancake Bay.

It is important to note that the Suffel Lake Road access relies on ice crossings and can only be used safely if sufficient quality and quantity of ice is present. Similarly, the Nungesser Road access crosses several broad swamps that may not be suitable for travel by heavy machinery when not frozen.

During late spring, summer and early fall, the property can also be accessed by boat. The route is approximately 35 kilometers by water from the town of Red Lake to Pancake Bay.

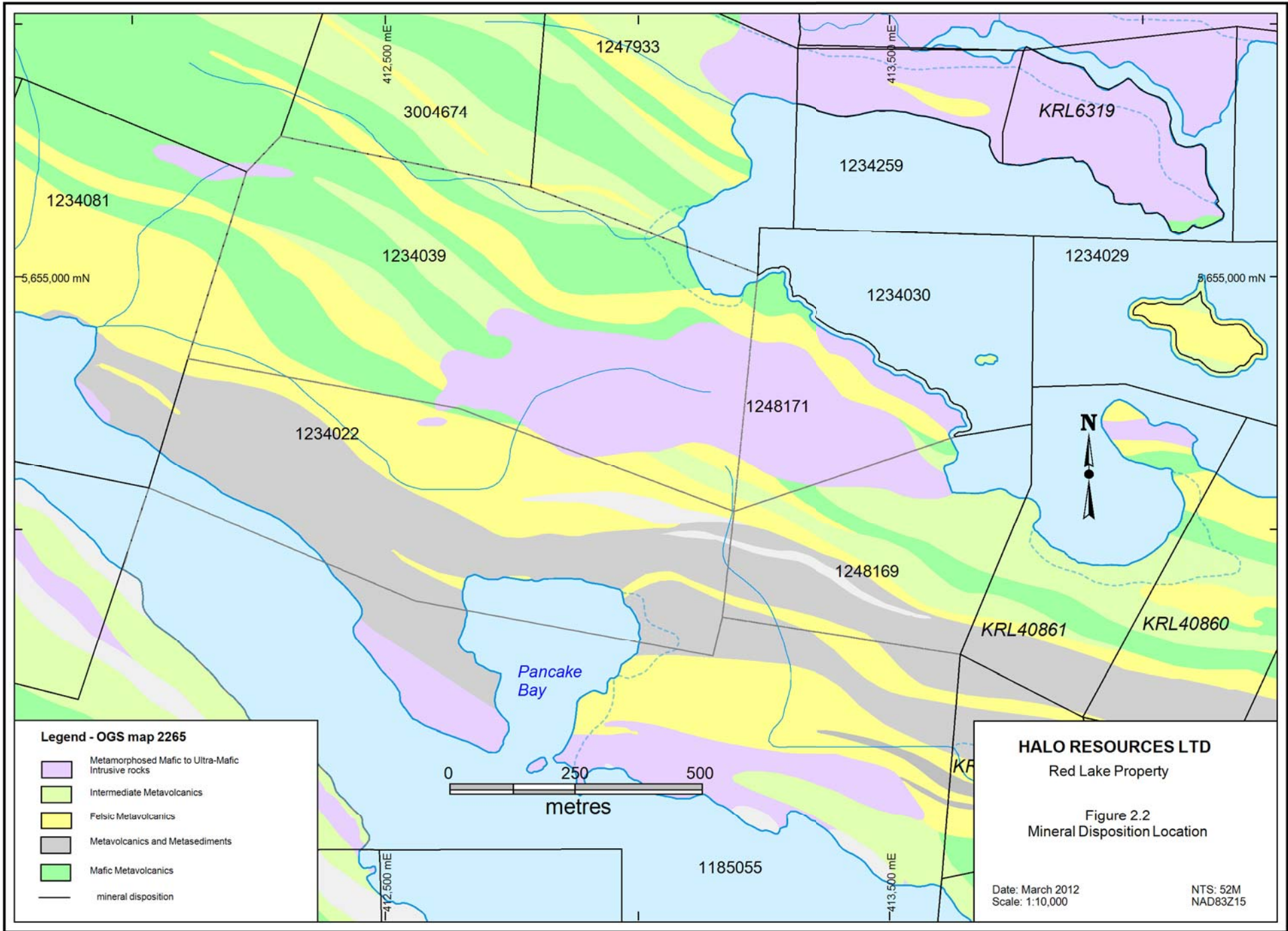


Halo Resources Ltd.

Figure 2.1
Red Lake Property
Regional Location

Date: June 2012
Scale: 1:150,000

NTS: 52M
NAD83/Z15



Legend - OGS map 2265

- Metamorphosed Mafic to Ultra-Mafic Intrusive rocks
- Intermediate Metavolcanics
- Felsic Metavolcanics
- Metavolcanics and Metasediments
- Mafic Metavolcanics
- mineral disposition

HALO RESOURCES LTD

Red Lake Property

Figure 2.2
Mineral Disposition Location

Date: March 2012
Scale: 1:10,000

NTS: 52M
NAD83Z15



3 General Geology

The property is underlain by an intercalated package of mafic and felsic volcanics, chemical sediments and clastic sediments (Fig. 2.2). The Ball Assemblage volcanic units are characterized by calc-alkalic felsic quartz-phyric units intercalated with tholeiitic to komatiitic mafic to ultramafic units. This volcano-sedimentary package is bounded on the south by the granitic Douglas Lake Stock and to the north by the Granitic Lund Lake Stock. This volcano-sedimentary package is wedge shaped widening to the south east. The regional foliation is oriented approximately 300° with a $60-80^\circ$ dip to the north east.

Dolostone dominates the chemical sediments, with subordinate quantities of marble, chert, banded iron formation and sulfide iron formation. Brecciation of the dolostone is common. Sandstone is the dominant clastic sedimentary lithology with subordinate quantities of siltstone, mudstone and conglomerate.

The following mappable units are observed on the property:

3.1 Regional Felsic Intrusives (Map Unit 8)

This unit consists of the large, granitic suturing plutons such as the Douglas Lake Stock and the Killala-Baird Batholith. Lithologies are typically granitic, medium- to coarse-grained, light pink to white on weathered surfaces, and massive to very weakly foliated.

These intrusives have not been observed in the Pancake Bay area.

3.2 Metamorphosed Mafic to Ultramafic Intrusives (Map Unit 7)

Gabbro: This unit typically occurs as sills and dykes. Dark green and vary coarse-grained with a mix of hornblende and clino-pyroxene. Locally the unit borders on pyroxenite. Intervals are massive and show little to no alteration. Clino-pyroxene crystals are typically positively weathered giving a rough surface to the outcrops.

Peridotite: This unit occurs as dykes and sills that penetrate the volcanic and sedimentary sequences. Metamorphism and deformation typically results in pervasive alteration of these units to talc and carbonates, erasing all primary igneous textures and mineralogy.

Gabbro has not been observed at Pancake Bay but talcose units, possibly once peridotite, are common.

3.3 Metamorphosed Felsic to Intermediate Intrusives (Map Unit 6)

Felsic to Intermediate Intrusives: These units commonly intrude the volcanic and sedimentary sequences. These units are typically quartz-phyric and less commonly quartz-feldspar- or feldspar-phyric. In more intermediate compositions, feldspar and a second phenocryst phase are commonly observed, but it has not been identified because it is pervasively chlorite altered. A minority of these intrusions are aphyric and account for a small fraction of the volume of this unit. The majority of the felsic and intermediate



intrusions appear to be late, based on cross-cutting relationships and a distinctive lack of deformation and alteration.

These intrusives have not been observed in the Pancake Bay area.

3.4 Chemical Sediments (Map Unit 5)

Carbonates: The carbonates are dominated by a relatively monotonous sequence of ankeritic dolostone with 1-2 wt% FeO. The dolostone is variably deformed and recrystallized but where deformation is low, original stromatolitic structures may be observed. Subordinate quantities of marble occur within the carbonates but make up a small proportion of this unit.

Iron Formation: The iron formation consists of two different types: banded chert-magnetite oxide iron formation and sulphide-bearing graphitic siltstone sulphide iron formation. These two types are commonly interbedded on the meter to tens of meters scale. Py and po are the only sulphides observed in the sulphide iron formation and range in abundance from trace, thinly bedded sulphides to massive sulphides. The oxide iron formation commonly exhibits sulfidation of magnetite to po along the margins of beds and in fractures. Intervals of barren chert and graphitic siltstone also occur but are significantly less common than their iron-bearing analogs.

Both types of chemical sediments are abundant at Pancake Bay. The banded iron formation is a major exploration target as it serves as an excellent chemical trap for gold-bearing fluids.

3.5 Clastic Sediments (Map Unit 4)

Sandstone, Conglomerate, Siltstone and Mudstone: These siliciclastic sediments are dominated by sandstones/quartzites with smaller volumes of conglomerate, mudstone and siltstone. The conglomerate is polymictic and clast-supported. Mudstones and siltstones are strongly chloritic, contain numerous small, pink garnet porphyroblasts and may contain significant quantities of magnetite. The sandstone and conglomerate contain abundant fuchsite that appears to have been derived from a volcanic source.

Clastic sediments are abundant at Pancake Bay. These lithologies typically weather out and are under-represented in outcrop.

3.6 Felsic Meta-Volcanics (Map Unit 3)

Rhyo-dacitic extrusives: This unit is predominately light gray to white, massive and siliceous. Typically minor sericite alteration can be observed. Flow contacts with minor flow breccias and tuffaceous beds are also common. This map unit is sub-divided into:

- 3a: Flows, rhyo-dacites and sodic rhyolites.
- 3b: Tuff and lapilli-tuff.
- 3c: Tuff breccia

Felsic volcanics are common in the north and south of the Pancake Bay area but rarely found in the area where drilling was conducted.



3.7 Intermediate Meta-Volcanics (Map Unit 2)

Andesite tuff and lithic tuff intervals are common and appear as: medium grey, fine grained, massive to locally 20% fragmental. Andesite as flows are rare and this unit is generally grey, massive and weakly to moderately sericite altered. This map unit is subdivided into:

- 2a: Flows, and pillowed flows.
- 2b: Tuff and lapilli-tuff.
- 2c: Tuff breccia.

Intermediate volcanics are not commonly found in the Pancake Bay area.

3.8 Mafic Meta-Volcanics (Map Unit 1)

Basalt flows are locally common. This unit is generally massive, fine-grained and typically weak to moderately chloritized. Very rare pillows are poorly preserved. Some of the fine grained, thin flow units may in fact be thin gabbro sills.

- 1a: Flows, pillow flows, basalt to andesite.
- 1b: Tuff and lapilli-tuff, basalt to andesite.
- 1c: Flow breccia, basalt to andesite.

Mafic volcanics are commonly found with the felsic volcanics in the north and south of the Pancake Bay area and were intersected in the southern portion of the area where drilling was conducted.



4 Exploration History

4.1 Previous Operators

The Pancake Bay area has been the focus of exploration work since the 1940s, however much of this work has gone unreported.

- Early trenching and sampling is largely unreported but was likely carried out by Couchenor Willans Gold Mines Ltd during the 1960s and 1970s, amongst others. The majority of the trenching lies to the north of Pancake Bay, nearer the south shore of Middle Bay.
- 1994 – Noranda Exploration Co. Ltd. conducted a ground magnetic survey over large parts of Middle Bay, including Pancake Bay. Subsequent field work returned grab samples from the west side of Pancake Bay that assayed negligible Au.
- 2000 – GoldCorp Inc. contracts Sial Geosciences Inc. to fly Mag, E-M, VLF and radiometric surveys over Pipestone, Middle and Trout Bays, including Pancake Bay.
- 2001 – Goldcorp Inc. conducted reconnaissance work in Middle and Trout Bays, including Pancake Bay. North-south trending veins similar to those near the west shore of Bridget Lake were found but no details or assay values were reported.
- Unknown – A Goldcorp Executive summary mentions that “Drilling following trenching returned up to 3.26 oz/ton over 3 feet.” but does not detail when or by whom this work was carried out.

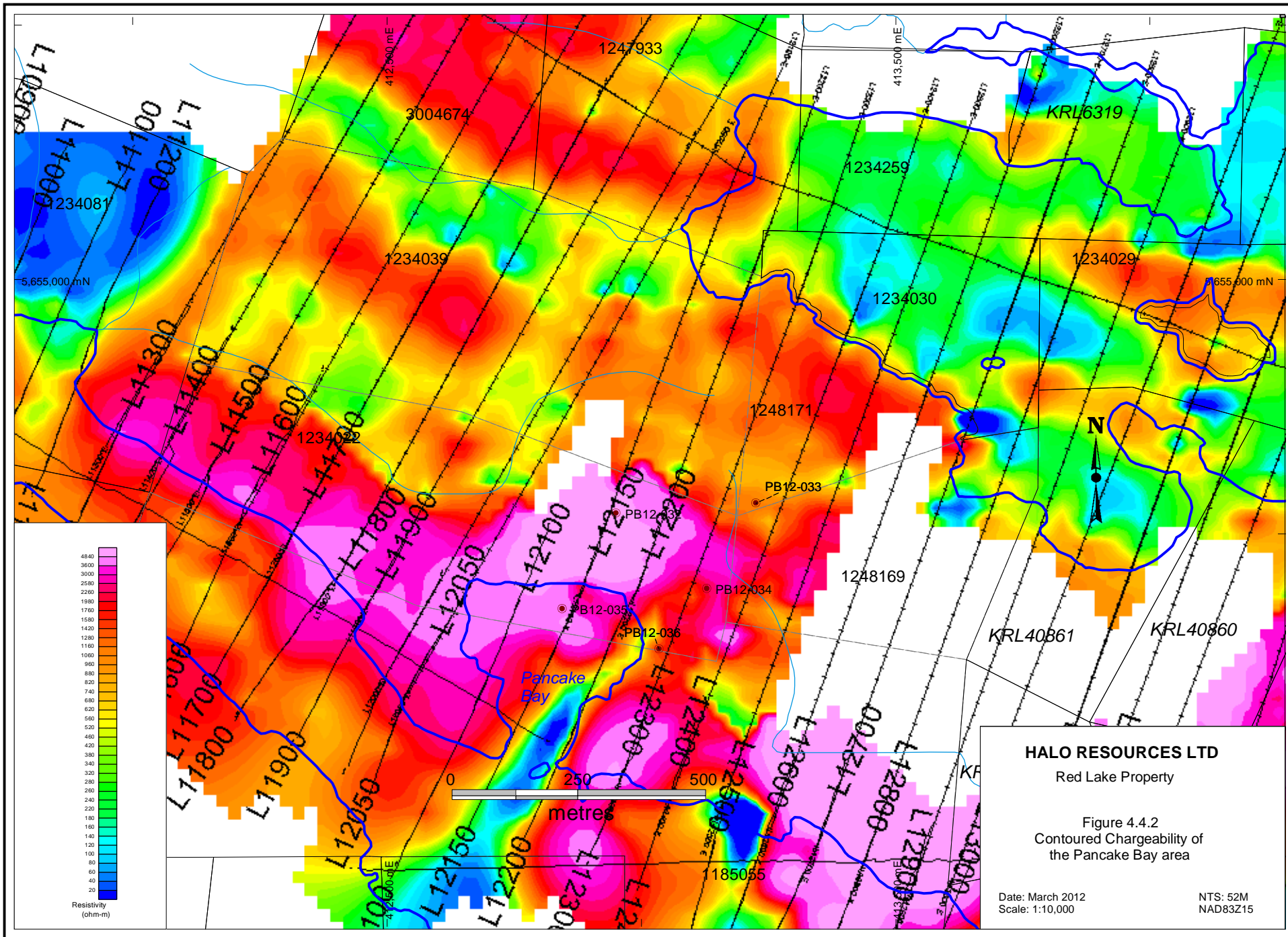


4.2 Halo Resources' Previous Work

Pancake Bay was first investigated in a systematic manner in the summer of 2010 due to interest in the chemical sediments that host high-grade gold showings along strike west of Bridget Lake. Prior to this Halo's work in Pancake Bay had consisted largely of scattered grab samples. Field work in the summer of 2010 revealed a series of faults oriented sub-parallel to regional foliation at approximately 310°. Motion on these faults appears to have been accommodated largely by low competency graphitic siltstone. Samples of the fault material assayed sub-economic (< 1 ppm Au) to barren gold content.

An induced polarization and ground magnetic survey conducted over the Trout Bay area during the winter of 2011 revealed a prominent conductivity low trending approximately 040° beneath the east side of Pancake Bay (Figure 4.2.1). This conductivity anomaly is associated with weaker resistivity and magnetic highs and has been interpreted as silicification and sulfide mineralization along a fault.

Field work at Pancake Bay during the summer of 2011 focused on ground-truthing the geophysical data. The fault could not be directly mapped as it does not crop out, however, detailed geological mapping revealed a 100 to 150 m sinistral offset from one side of the bay to the other. Grab samples assayed only weakly anomalous for gold (<1 ppm Au) in a few cases and barren for the majority of samples. This was not unexpected since the fault that is the primary target does not crop out and could not be sampled.



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Red Lake Property

Figure 4.4.2
Contoured Chargeability of
the Pancake Bay area

Date: March 2012
Scale: 1:10,000

NTS: 52M
NAD83Z15



5 Drilling Activity – Winter 2012

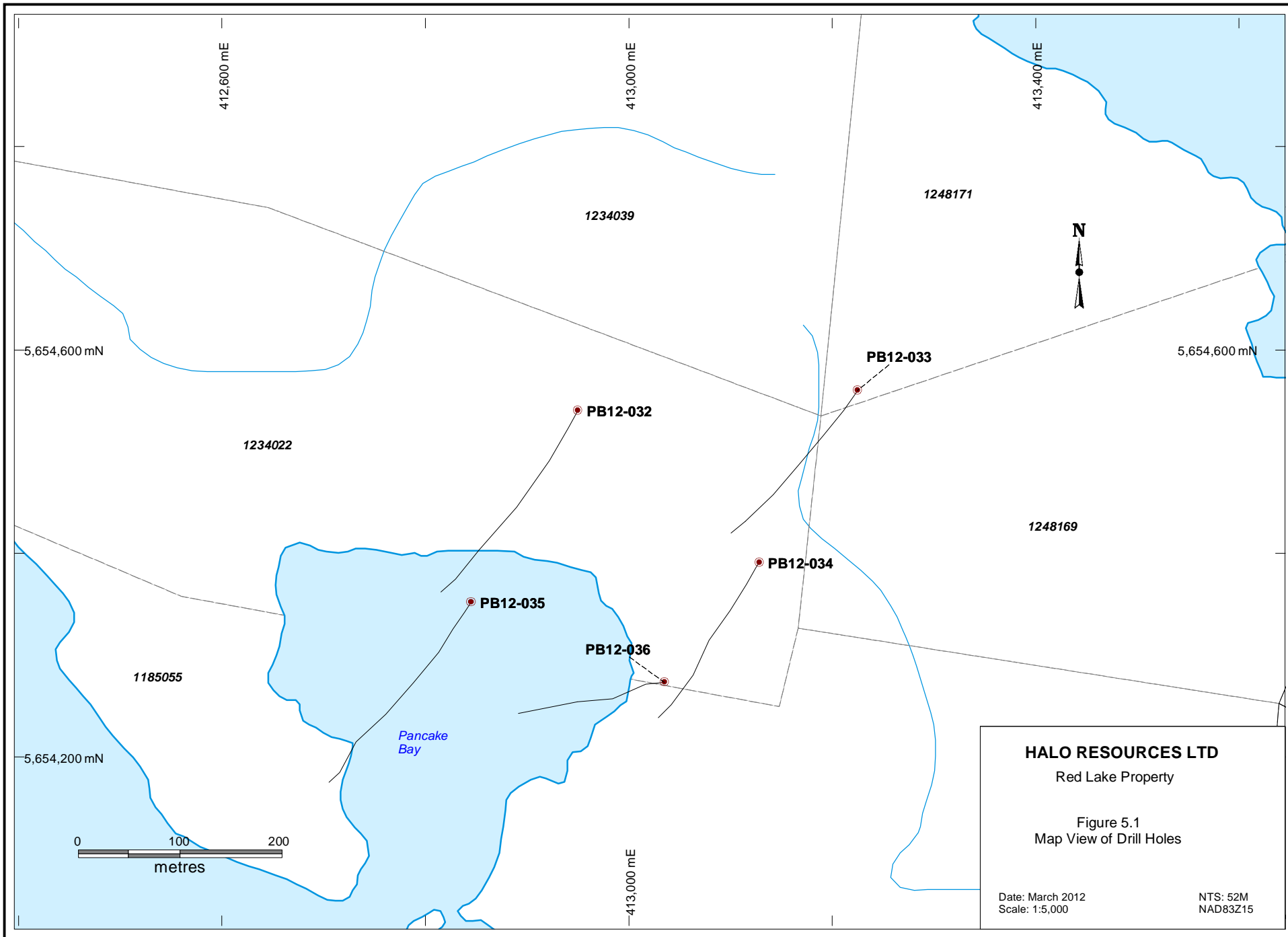
Halo Resources Ltd. conducted 1295 m of drilling in the Pancake Bay area between February 10th and March 10th, 2012 (Tables 5.1 and 5.2). Five holes were drilled (Figure 5.1): four stratigraphic holes (PB12-032 to PB12-035) located on either side of the fault and a fifth hole (PB12-036) planned to intersect the fault. A sixth hole, also designed to intersect the fault, was originally planned but was cancelled due to extremely warm temperatures in mid- to late-March.

Table 5.1: Winter 2012 Drill Holes

Hole	Easting	Northing	Azimuth	Dip	Depth	Started	Finished
PB12-032	412950	5654540	210°	-42°	301 m	10-Feb-12	17-Feb-12
PB12-033	413225	5654560	216°	-43°	250 m	17-Feb-12	21-Feb-12
PB12-034	413128	5654391	210°	-44°	250 m	21-Feb-12	24-Feb-12
PB12-035	412845	5654352	214°	-40°	286 m	24-Feb-12	3-Mar-12
PB12-036	413035	5654273	255°	-45°	208 m	3-Mar-12	9-Mar-12

Table 5.2: Claims Worked Upon

1234022
1248171
1248169
1185055



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Red Lake Property

Figure 5.1
Map View of Drill Holes

Date: March 2012
Scale: 1:5,000

NTS: 52M
NAD83Z15



5.1 PB12-032

PB12-032 was drilled to provide stratigraphic control on the west side of the fault. PB12-035 compliments PB12-032 and provides stratigraphic control further down dip (Figures 5.1 and 5.1.1). Although PB12-032 was planned as a stratigraphic hole and was not anticipated to encounter significant gold mineralization, it intersected 11 intervals of sub-economic (<1 ppm Au) but anomalous (>0.2 ppm Au) gold content (Table 5.1.1). The majority of these mineralized intersections are the result of sulfidation of magnetite, either hosted by dolostone or banded iron formation. The first three intervals occur within a broader zone of lower-grade mineralization and may be regarded as part of a broader mineralized zone (Table 5.1.2). Similarly, the last two intervals may also be regarded as part of a broader, lower-grade mineralized zone.

Table 5.1.1: Anomalous Gold Occurrences in BL12-032

From	To	Length	Mean Grade	Cause
<i>(m)</i>	<i>(m)</i>	<i>(m)</i>	<i>(ppm Au)</i>	
31.98	33.08	1.10	0.390	Magnetite-bearing dolostone with pyrite-filled fractures
38.10	39.17	1.07	0.220	Magnetite-bearing dolostone with pyrite-filled fractures
41.75	43.00	1.25	0.964	Magnetite-bearing dolostone with pyrite-filled fractures
53.92	56.00	2.08	0.726	Magnetite-bearing dolostone with pyrite-filled fractures
67.00	68.00	1.00	0.296	Magnetite-bearing dolostone with pyrite-filled fractures
88.00	89.01	1.01	0.874	Pyrite-filled fractures
133.95	135.00	1.05	0.847	Magnetite-bearing dolostone with pyrite stringers
154.84	156.03	1.19	0.253	Sulfidation of Banded Iron Formation
218.97	220.00	1.03	0.312	Contact between Sulfide Iron Formation and Sandstone
251.00	252.00	1.00	0.203	Sulfidation of Banded Iron Formation
254.96	256.81	1.85	0.667	Sulfidation of Banded Iron Formation

Table 5.1.2: Broader Anomalous Gold Zones in BL12-032

From	To	Length	Mean Grade	Cause
<i>(m)</i>	<i>(m)</i>	<i>(m)</i>	<i>(ppm Au)</i>	
31.98	43.00	11.02	0.243	Magnetite-bearing dolostone with pyrite-filled fractures
247.00	257.65	10.65	0.216	Sulfidation of Banded Iron Formation



5.2 PB12-033

PB12-033 was drilled to provide stratigraphic control on the east side of the fault. PB12-034 compliments PB12-033 and provides stratigraphic control further down dip (Figures 5.1 and 5.2.1). Although PB12-033 was planned as a stratigraphic hole and was not anticipated to encounter significant gold mineralization, it intersected 4 intervals of sub-economic (<1 ppm Au) but anomalous (>0.2 ppm Au) gold content (Table 5.2.1). These mineralized intersections are pyrite-filled fractures and mineralization along lithological contacts.

Table 5.2.1: Anomalous Gold Occurrences in BL12-033

From	To	Length	Mean Grade	Cause
<i>(m)</i>	<i>(m)</i>	<i>(m)</i>	<i>(ppm Au)</i>	
113.00	114.00	1.00	0.213	Pyrite-filled fractures
133.00	135.00	2.00	0.312	Pyrite-filled fractures
154.00	155.00	1.00	0.851	Contact between Sandstone and Dolostone
221.00	222.00	1.00	0.357	Contact between Siltstone and Banded Iron Formation

The stratigraphy encountered in holes PB12-033 and -034 on the east side of the fault is broadly comparable to that encountered in holes PB12-032 and -035 on the west side of the fault. In both cases the stratigraphy consists of a sequence of clastic sediments followed by chemical sediments followed by volcanics.

In finer detail, the two sections show significant differences. Two small layers of conglomerate typically occur roughly in the middle of the clastic sediments and may represent a marker horizon. These conglomerates are observed in the expected location on the eastern section but occur near the base of the clastic sediments on the western section. This may indicate that the lower 50 to 100 m of the clastic sediments are absent from the western section due to faulting. Similarly, the volcanic sequence on the eastern section begins with basalt followed by ultramafics. The volcanic sequence on the western section begins in the ultramafics, suggesting the removal of the basalt through faulting.

The chemical sediments cannot be easily compared between the east and west sections. The chemical sediments in the east section are slightly more than 200 m thick, whereas the chemical sediments in the west section are 400 m thick. The most plausible explanation for these differences is that deformation along the main north-south trending fault has been accommodated by low competence units within the chemical sediments to the west of the fault. This would explain the thickening of the chemical sediments, the absence of expected stratigraphy above and below them and the chaotic nature of the geophysical signals to the west of the fault.

The horizontal offset on the main north-south trending fault is slightly more than 200 m of sinistral displacement as measured by the offset of the contact between the chemical sediments and the underlying volcanics (figure 5.2.2). This contact may be fault-bounded on the west side of the fault so the offset of the upper



contact of the ultramafics may yield a more accurate estimate of 250 m. The offset between the classic sediments and the chemical sediments shows only slightly more than 100 m of sinistral displacement, however the contact on the west side of the fault is likely a non-conformable tectonic contact. Comparison of the conglomerate units yields a more plausible 150 m of sinistral displacement.

The 100 m difference in the estimates of displacement can be reconciled by accommodation of deformation along the main north-south trending fault by low competence units within the chemical sediments to the west as discussed above. This also accounts for the more prominent geophysical signature of the fault to the south and the less prominent, fragmented signature of the same fault to the north.



5.3 PB12-034

PB12-034 was drilled to provide stratigraphic control on the east side of the fault and as a down-dip continuation of PB12-033 (Figure 5.2.1). No significant gold mineralization (>0.2 ppm Au) was encountered in this hole.

5.4 PB12-035

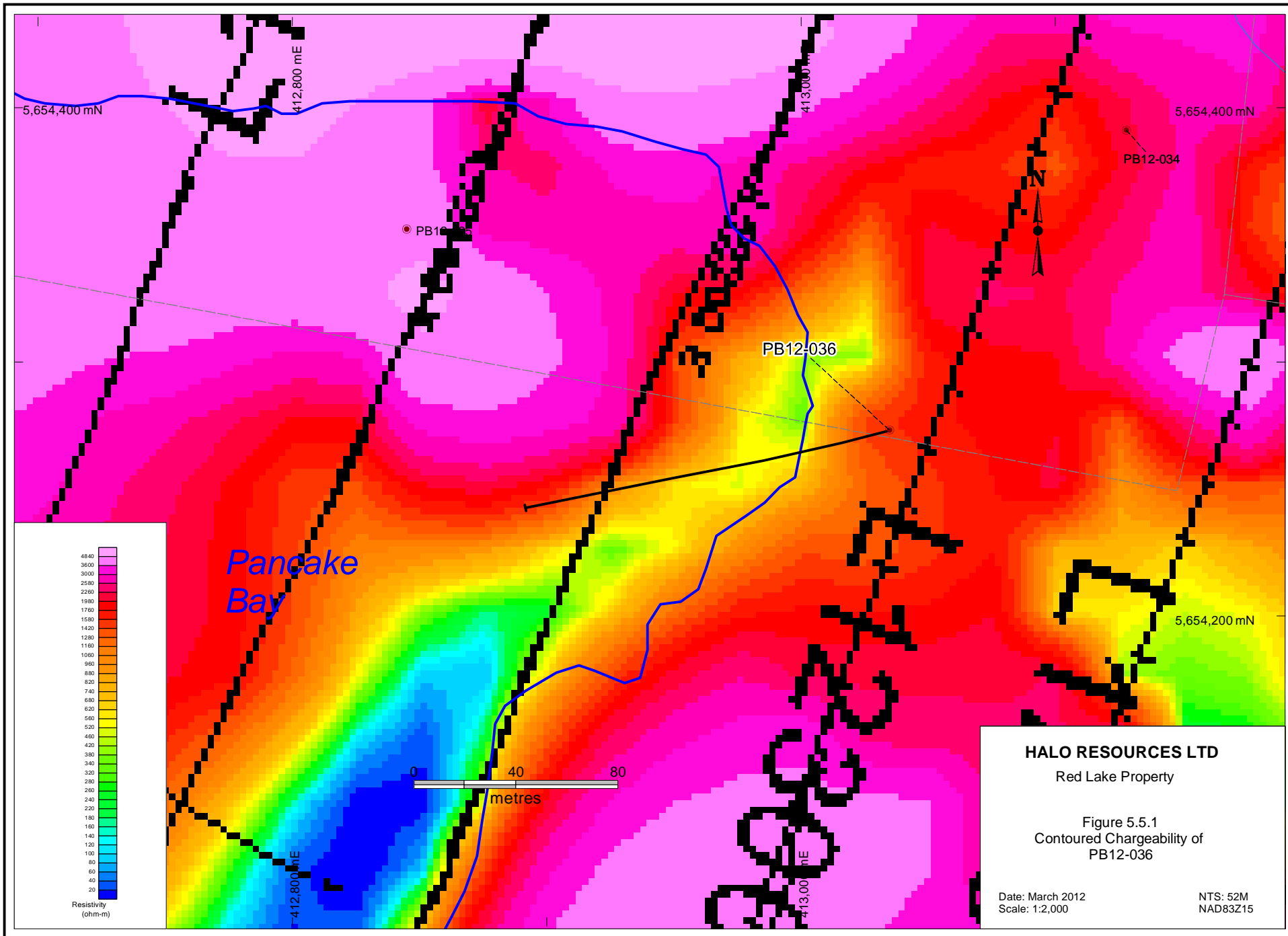
PB12-035 was drilled to provide stratigraphic control on the west side of the fault and as a down-dip continuation of PB12-032 (Figure 5.1.1). One weakly mineralized interval associated with a lithological contact was intersected (Table 5.4.1).

Table 5.4.1: Anomalous Gold Occurrences in BL12-035

From (m)	To (m)	Length (m)	Mean Grade (ppm Au)	Cause
144.90	146.00	1.10	0.279	Contact between Sulfide Iron Formation and Marble

5.5 PB12-036

PB12-036 was drilled to intersect the fault that is the cause of the chargeability anomaly and the offset in stratigraphy (Figure 5.1). This hole was originally planned to be drilled from a collar 100 m to the west but was moved back due to uncertainty as to the location of the fault in this location (Figure 5.5.1). As a result, PB12-036 did not penetrate the fault. The stratigraphy encountered is consistent with stratigraphy on the east side of the fault and indicates that the fault was not intersected by this hole (Figure 5.1). No significant gold mineralization (>0.2 ppm Au) was encountered in this hole.





6 Recommendations and Conclusions

Although the gold mineralization encountered by the Winter 2012 drill program at Pancake Bay was unimpressive, this result should be viewed in light of the fact that the primary target was not intersected. The first four holes were stratigraphic holes drilled parallel to the target fault and the last hole failed to intersect the fault due to uncertainty as to its location. The fault has now been constrained to a 200 m wide corridor and can be tested with two short holes totaling no more than 400 m drilling. The proposed holes PB-05 and PB-06 from the Winter 2012 drill plan should intersect the fault.

Anomalous gold values encountered in PB12-033 and PB12-034 are encouraging as they demonstrate the presence of gold-bearing sulfide-rich fluids in the area, possibly using the target fault as a primary conduit.

I, Sean Timpa, do hereby certify that:

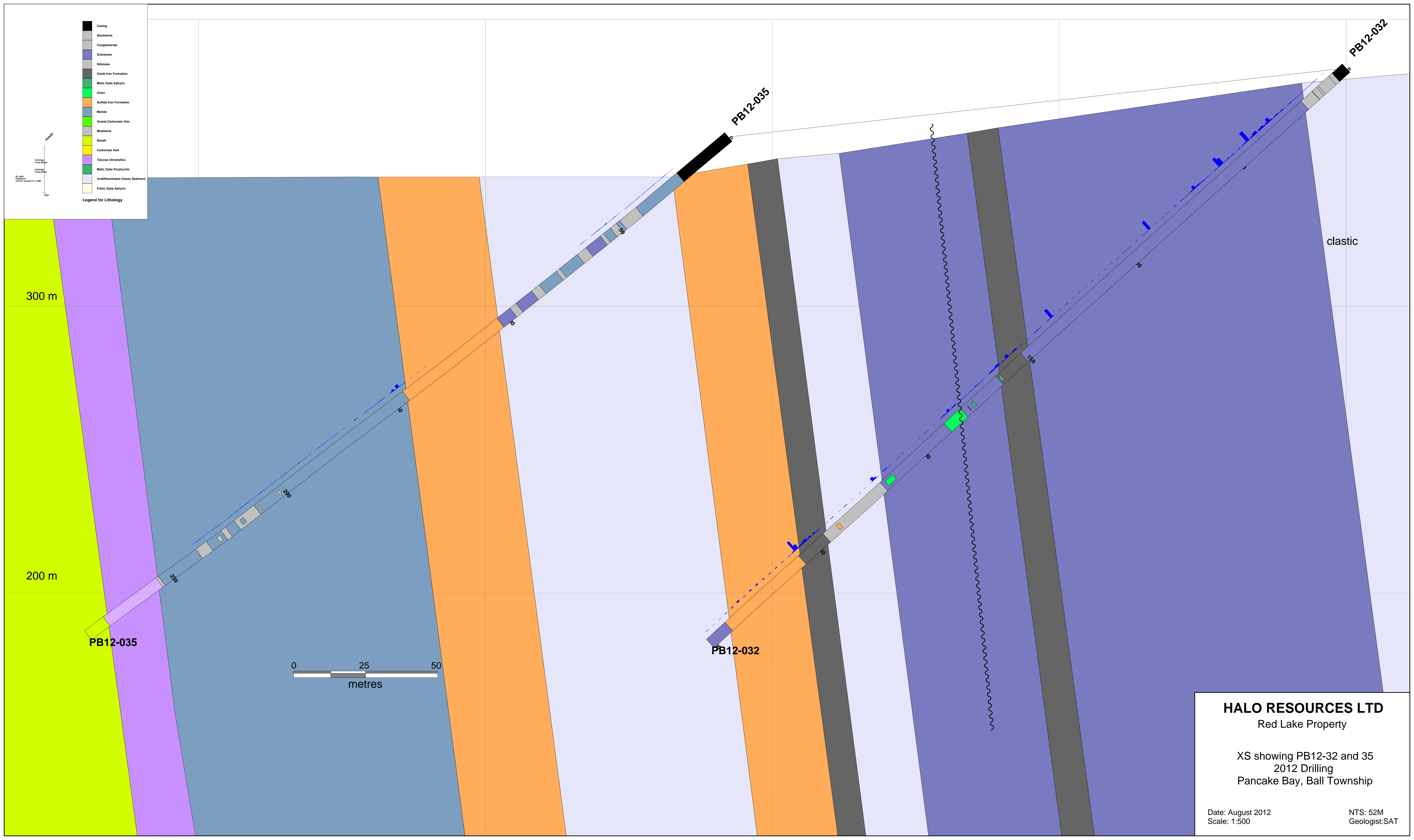
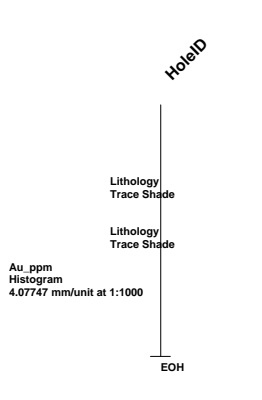
1. I am a Project Geologist with Halo Resources Ltd. of 67 Yonge Street, Suite 1001, Toronto, Ontario
2. I am a graduate of Acadia University, Wolfville, NS with a B.Sc. in Geology in 2000.
3. I am a graduate of the University of Victoria, Victoria, BC with an M.Sc. in Geology in 2004.
4. I have worked as a geologist for 5 years since my graduation.
5. My contribution to this report is based on work that I personally performed or supervised, all reports available to me and numerous visits to the property.



Sean Timpa

July 11, 2012.

- Casing
 - Sandstone
 - Conglomerate
 - Dolomite
 - Siltstone
 - Oxide Iron Formation
 - Mafic Dyke Aphyric
 - Chert
 - Sulfide Iron Formation
 - Marble
 - Quartz-Carbonate Vein
 - Mudstone
 - Basalt
 - Carbonate Vein
 - Talcoise Ultramafics
 - Mafic Dyke Porphyritic
 - Undifferentiated Clastic Sediment
 - Felsic Dyke Aphyric
- Legend for Lithology**

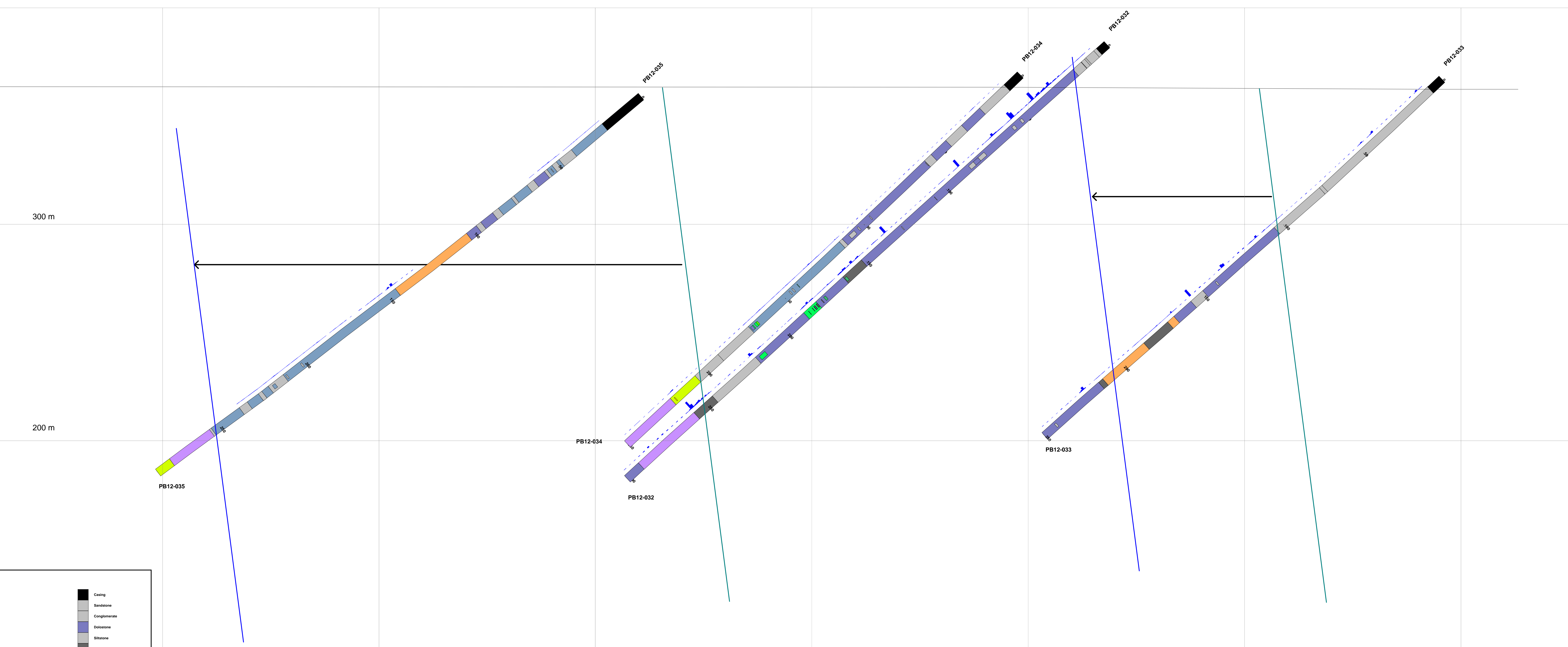


HALO RESOURCES LTD
 Red Lake Property

XS showing PB12-32 and 35
 2012 Drilling
 Pancake Bay, Ball Township

Date: August 2012
 Scale: 1:500

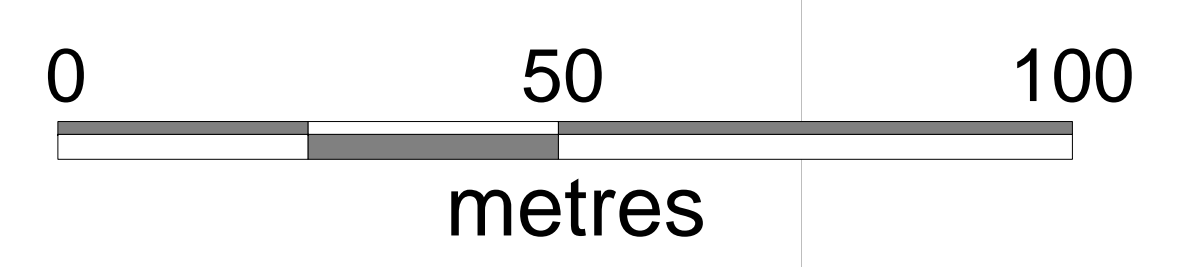
NTS: 52M
 Geologist: SAT



Legend for Lithology

- Casing
- Sandstone
- Conglomerate
- Dolostone
- Siltstone
- Oxide Iron Formation
- Mafic Dyke Aphyric
- Chert
- Sulfide Iron Formation
- Marble
- Quartz-Carbonate Vein
- Mudstone
- Basalt
- Carbonate Vein
- Talcose Ultramafics
- Mafic Dyke Porphyritic
- Undifferentiated Clastic Sediment
- Felsic Dyke Aphyric

As per
MNTF Resource # 1-1086

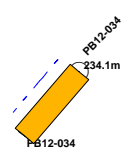
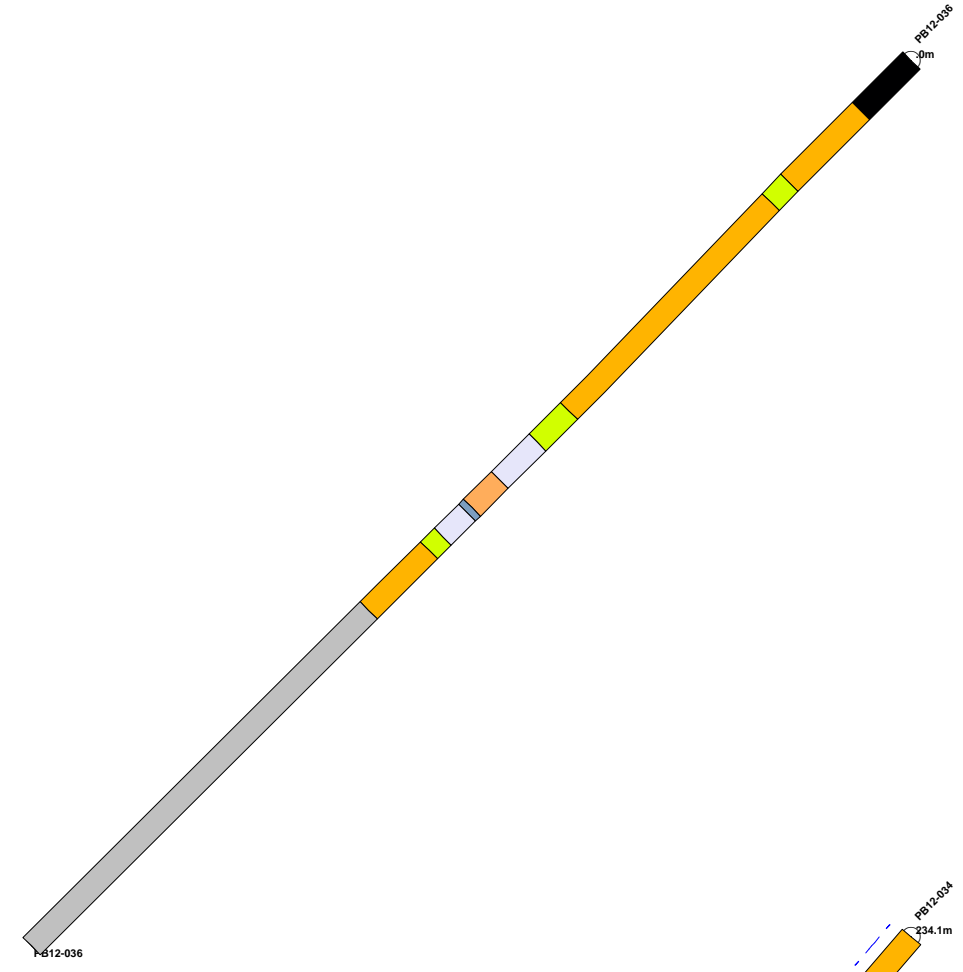


HALO RESOURCES LTD
 Red Lake Property
 XS showing PB12-32 to 35
 2012 Drilling
 Ball Township

Date: August 2012
 Scale: 1:750

NTS: 52M
 Geologist: SAT

0 20.38736 Scale for Au_ppm histogram



Au_ppm
 Histogram
 4.077472 mm/unit
 EOH

Lithology
 TraceShade
 Lithology
 TraceShade
 Hoald

mm given at scale of 1:1000

Legends
PB_Lithologies_Winter_2012_DDH_Lithology

- Casing
- Sandstone
- Conglomerate
- Dolostone
- Siltstone
- Oxide Iron Formation
- Mafic Dyke Aphyric
- Chert
- Sulfide Iron Formation
- Marble
- Quartz-Carbonate Vein
- Mudstone
- Basalt
- Carbonate Vein
- Talcose Ultramafics
- Mafic Dyke Porphyritic
- Undifferentiated Classic Sediment
- Felsic Dyke Aphyric

Detailed Drillhole Report – PB12-032

Hole Number: PB12-032

Project:	West Red Lake	Northing:	5654540	Hole Type:	Diamond Drill
Prospect:	Pancake Bay	Easting:	0412950	Hole Size:	NQ
Claim Number:	1234022	Elevation	383 m	Collar Survey:	Yes
Proposed Hole:	PB-01	Collar Azimuth:	210°	Downhole Survey:	Yes
Date Started:	Feb. 10, 2012.	Collar Dip:	-42°	Casing:	Capped
Date Completed:	Feb. 17, 2012.	Final Depth:	301 m	Drilling Contractor:	Vital Drilling
Logged by:	Sean Timpa	Length:	301 m	Core Storage:	GoldCorp Core Storage

Detailed Lithology

From	To	Lithology	Comments	Minor Lithology	Assay Data																			
0.00	4.85	Casing	Overburden																					
4.85	6.49	Sandstone	Medium hardness, fine-grained, dark grey sandstone. Fine-grained greywacke, massive to poorly bedded.																					
		Structure																						
		From To Structure DTCA																						
		6.49 6.49 CT 40																						
6.49	11.38	Sandstone	Medium hardness, fine-grained, dark grey to medium brown sandstone. Fine-grained greywacke, more prominently bedded than unit above.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sample</th> <th style="width: 10%;">From</th> <th style="width: 10%;">To</th> <th style="width: 10%;">Length</th> <th style="width: 10%;">Au</th> </tr> </thead> <tbody> <tr> <td>I590501</td> <td>7.00</td> <td>8.00</td> <td>1.00</td> <td>0.004</td> </tr> <tr> <td>I590502</td> <td>10.00</td> <td>11.07</td> <td>1.07</td> <td>0.004</td> </tr> </tbody> </table>					Sample	From	To	Length	Au	I590501	7.00	8.00	1.00	0.004	I590502	10.00	11.07	1.07	0.004
Sample	From	To								Length	Au													
I590501	7.00	8.00			1.00	0.004																		
I590502	10.00	11.07			1.07	0.004																		
		Structure																						
		From To Structure DTCA																						
		6.49 7.23 BED 40																						
		7.23 9.30 FRAC 50																						
		7.95 7.95 VN-QC																						
		10.00 11.38 BED 25																						
		11.38 11.38 CT 20																						

11.38	12.19	Conglomerate				Medium hardness, very coarse-grained, dark grey conglomerate. Meta-pebblestone, clast-supported, polymictic with interstitial po.			Sample	From	To	Length	Au
		Structure							I590503	11.07	12.13	1.06	0.016
		From	To	Structure	DTCA								
		12.19	12.19	CT	20								
12.19	14.14	Sandstone				Medium hardness, fine-grained, dark grey to medium brown sandstone. Fine-grained greywacke, massive to poorly bedded.			I590504	12.13	13.00	0.87	0.006
		Structure							I590505	13.00	14.00	1.00	0.003
		From	To	Structure	DTCA								
		12.19	14.14	FRAC									
		14.14	14.14	CT	30								
14.14	14.32	Conglomerate				Medium hardness, very coarse-grained, dark grey conglomerate. Meta-pebblestone, clast-supported, polymictic with interstitial po.							
		Structure											
		From	To	Structure	DTCA								
		14.32	14.32	CT	45								
14.32	19.39	Sandstone				Medium hardness, fine-grained, medium grey sandstone. Lighter, more qtz-rich sst.			I590506	14.00	15.04	1.04	0.008
		Structure							I590507	15.04	16.00	0.96	0.002
		From	To	Structure	DTCA				I590508	16.00	16.77	0.77	0.001
		16.89	16.96	VN-QC	45				I590509	16.77	17.71	0.94	0.004
		17.84	18.07	VN-QC	45				I590510	17.71	18.52	0.81	0.005
		18.16	18.52	VN-QC	45				I590511	18.52	19.41	0.89	0.010
		19.39	19.39	CT	45								

				Sample	From	To	Length	Au
				I590541	46.95	47.97	1.02	0.002
				I590542	47.97	49.00	1.03	0.002
				I590543	49.00	49.98	0.98	0.039
				I590544	49.98	51.06	1.08	0.006
				I590545	51.06	52.00	0.94	0.052
				I590546	52.00	52.90	0.90	0.020
				I590547	52.90	53.92	1.02	0.026
				I590548	53.92	55.00	1.08	0.609
				I590549	55.00	56.00	1.00	0.852
				I590551	56.00	57.00	1.00	0.022
				I590552	57.00	58.00	1.00	0.030
				I590553	58.00	59.02	1.02	0.003
				I590554	59.02	60.05	1.03	0.007
				I590555	60.05	61.00	0.95	0.003
				I590556	61.00	62.00	1.00	0.032
				I590557	62.00	63.04	1.04	0.024
				I590558	63.04	64.00	0.96	0.041
				I590559	64.00	64.92	0.92	0.036
				I590560	64.92	66.07	1.15	0.085
				I590561	66.07	67.00	0.93	0.098
				I590562	67.00	68.00	1.00	0.296
				I590563	68.00	69.26	1.26	0.052
				I590564	69.26	70.00	0.74	0.015
				I590565	70.00	71.00	1.00	0.010
				I590566	71.00	72.03	1.03	0.010
				I590567	72.03	73.00	0.97	0.003
				I590568	73.00	73.98	0.98	0.032
				I590569	76.00	77.05	1.05	0.025

				Sample	From	To	Length	Au
				I590570	79.00	80.00	1.00	0.009
				I590571	80.00	81.05	1.05	0.011
				I590572	82.00	82.92	0.92	0.008
				I590573	85.00	86.04	1.04	0.003
				I590574	88.00	89.01	1.01	0.874
				I590576	89.01	90.22	1.21	0.005
				I590577	90.22	91.00	0.78	0.001
				I590578	91.00	92.13	1.13	0.005
				I590579	94.00	95.15	1.15	0.004
				I590580	97.00	98.05	1.05	0.002
				I590581	98.05	98.92	0.87	0.003
				I590582	98.92	100.00	1.08	0.008
				I590583	100.00	101.17	1.17	0.006
				I590584	103.00	104.07	1.07	0.007
				I590585	106.00	107.01	1.01	0.004
				I590586	109.00	110.06	1.06	0.002
				I590587	112.00	113.00	1.00	0.004
				I590588	115.00	116.02	1.02	0.004
				I590589	118.00	119.02	1.02	0.002
				I590590	121.00	122.00	1.00	0.012
				I590591	124.00	125.02	1.02	0.002
				I590592	127.00	128.09	1.09	0.016
				I590593	130.00	130.92	0.92	0.012
				I590594	133.00	133.95	0.95	0.012
				I590595	133.95	135.00	1.05	0.847
				I590596	135.00	136.00	1.00	0.027
				I590597	136.00	137.03	1.03	0.018
				I590598	139.00	140.11	1.11	0.003

								Sample	From	To	Length	Au
								I590599	140.11	141.00	0.89	0.021
								I590601	141.00	142.00	1.00	0.041
								I590602	142.00	142.99	0.99	0.024
								I590603	145.00	145.93	0.93	0.004
								I590604	148.00	148.96	0.96	0.009
								I590605	148.96	149.99	1.03	0.005
								I590606	149.99	151.00	1.01	0.009
151.05	162.84	Oxide Iron Formation		Very hard, very fine-grained, very dark grey to light grey oxide iron formation. Very strongly magnetic. BIF, banded on mm to cm scale with py and po along beds.		161.40 - 162.54: Aphyric Mafic Dyke Hard, fine-grained, very dark black aphyric mafic dyke. Massive, probable lamprophyre.		I590607	151.00	151.74	0.74	0.118
		Structure						I590608	151.74	152.76	1.02	0.094
		From	To	Structure	DTCA			I590609	152.76	154.00	1.24	0.024
		151.50	162.84	BAND	20			I590610	154.00	154.84	0.84	0.024
		161.40	161.40	CT	45			I590611	154.84	156.03	1.19	0.253
		162.40	162.40	CT	50			I590612	156.03	157.00	0.97	0.010
		162.84	162.84	CT	35			I590613	157.00	158.00	1.00	0.048
								I590614	158.00	159.05	1.05	0.008
								I590615	159.05	160.00	0.95	0.148
								I590616	160.00	160.98	0.98	0.166
								I590617	160.98	161.95	0.97	0.066
								I590618	161.95	163.00	1.05	0.086

162.84	179.88	Dolostone				Hard, medium-grained, light grey dolostone. Reacts with HCl only when scratched. Similar to dolostone listed above but intercalated with small intervals of chert and BIF.	168.15 - 168.19: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation. Strongly magnetic.	<table border="1"> <thead> <tr> <th>Sample</th> <th>From</th> <th>To</th> <th>Length</th> <th>Au</th> </tr> </thead> <tbody> <tr><td>I590619</td><td>163.00</td><td>164.00</td><td>1.00</td><td>0.076</td></tr> <tr><td>I590620</td><td>166.00</td><td>167.06</td><td>1.06</td><td>0.002</td></tr> <tr><td>I590621</td><td>167.06</td><td>168.04</td><td>0.98</td><td>0.007</td></tr> <tr><td>I590622</td><td>168.04</td><td>169.00</td><td>0.96</td><td>0.011</td></tr> <tr><td>I590623</td><td>169.00</td><td>170.03</td><td>1.03</td><td>0.018</td></tr> <tr><td>I590624</td><td>170.03</td><td>170.94</td><td>0.91</td><td>0.060</td></tr> <tr><td>I590626</td><td>170.94</td><td>172.00</td><td>1.06</td><td>0.004</td></tr> <tr><td>I590627</td><td>172.00</td><td>173.12</td><td>1.12</td><td>0.019</td></tr> <tr><td>I590628</td><td>173.12</td><td>174.05</td><td>0.93</td><td>0.005</td></tr> <tr><td>I590629</td><td>174.05</td><td>174.66</td><td>0.61</td><td>0.002</td></tr> <tr><td>I590630</td><td>174.66</td><td>175.97</td><td>1.31</td><td>0.003</td></tr> <tr><td>I590631</td><td>175.97</td><td>176.97</td><td>1.00</td><td>0.007</td></tr> <tr><td>I590632</td><td>176.97</td><td>178.00</td><td>1.03</td><td>0.004</td></tr> <tr><td>I590633</td><td>178.00</td><td>179.01</td><td>1.01</td><td>0.001</td></tr> <tr><td>I590634</td><td>179.01</td><td>179.89</td><td>0.88</td><td>0.001</td></tr> </tbody> </table>	Sample	From	To	Length	Au	I590619	163.00	164.00	1.00	0.076	I590620	166.00	167.06	1.06	0.002	I590621	167.06	168.04	0.98	0.007	I590622	168.04	169.00	0.96	0.011	I590623	169.00	170.03	1.03	0.018	I590624	170.03	170.94	0.91	0.060	I590626	170.94	172.00	1.06	0.004	I590627	172.00	173.12	1.12	0.019	I590628	173.12	174.05	0.93	0.005	I590629	174.05	174.66	0.61	0.002	I590630	174.66	175.97	1.31	0.003	I590631	175.97	176.97	1.00	0.007	I590632	176.97	178.00	1.03	0.004	I590633	178.00	179.01	1.01	0.001	I590634	179.01	179.89	0.88	0.001
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Structure				168.63 - 168.72: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation. Strongly magnetic.	169.10 - 169.74: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation. Strongly magnetic.																																																																																			
From	To	Structure	DTCA	170.71 - 171.21: Chert Very hard, very fine-grained, dark grey to light grey chert.	174.80 - 175.90: Aphyric Mafic Dyke Hard, fine-grained, black aphyric mafic dyke. Massive, probable lamprophyre.																																																																																			
174.80	174.80	CT	25	177.20 - 177.53: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation. Strongly magnetic.																																																																																				
175.90	175.90	CT	40																																																																																					
179.88	179.88	CT	30																																																																																					

179.88	187.61	Chert				Very hard, very fine-grained, very dark grey to light brown chert. Largely chert with small intervals of BIF and dolostone.	180.08 - 180.60: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation.	180.60 - 180.70: Dolostone Hard, medium-grained, light grey dolostone.	181.44 - 181.59: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation.	181.59 - 182.00: Dolostone Hard, medium-grained, light grey dolostone.	182.12 - 182.20: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation.	183.08 - 183.27: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation.	185.38 - 185.52: Oxide Iron Formation Very hard, very fine-grained, black to white oxide iron formation.	Sample	From	To	Length	Au
		179.88	183.27	BAND	40									I590635	179.89	181.00	1.11	0.068
		183.27	183.42	FT	25									I590636	181.00	181.98	0.98	0.061
		183.42	187.61	BAND	40									I590637	181.98	182.99	1.01	0.007
		187.61	187.61	CT	30									I590638	182.99	184.00	1.01	0.190
														I590639	190.00	191.09	1.09	0.001
				I590640	184.00	185.00	1.00	0.038										
				I590641	185.00	186.00	1.00	0.059										
				I590642	186.00	187.00	1.00	0.050										
				I590643	187.00	188.02	1.02	0.003										

187.61 218.25	<p>Dolostone</p> <p>Structure</p> <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>213.18</td> <td>213.18</td> <td>CT</td> <td>40</td> </tr> <tr> <td>213.18</td> <td>216.75</td> <td>BAND</td> <td>45</td> </tr> <tr> <td>216.75</td> <td>216.75</td> <td>CT</td> <td>45</td> </tr> <tr> <td>218.25</td> <td>218.25</td> <td>CT</td> <td>45</td> </tr> </tbody> </table>	From	To	Structure	DTCA	213.18	213.18	CT	40	213.18	216.75	BAND	45	216.75	216.75	CT	45	218.25	218.25	CT	45	Hard, medium-grained, light grey dolostone. Reacts with HCl only when scratched.	<p>188.04 - 188.36: Chert Very hard, very fine-grained, dark grey to light grey chert.</p> <p>213.18 - 216.75: Chert Very hard, very fine-grained, dark grey to light grey chert. Weakly magnetic. Weak to no magnetism with the exception of two 2 cm wide bands.</p>	<table border="1"> <thead> <tr> <th>Sample</th> <th>From</th> <th>To</th> <th>Length</th> <th>Au</th> </tr> </thead> <tbody> <tr> <td>I590644</td> <td>193.00</td> <td>194.05</td> <td>1.05</td> <td>0.012</td> </tr> <tr> <td>I590645</td> <td>194.05</td> <td>195.06</td> <td>1.01</td> <td>0.004</td> </tr> <tr> <td>I590646</td> <td>195.06</td> <td>196.00</td> <td>0.94</td> <td>0.003</td> </tr> <tr> <td>I590647</td> <td>196.94</td> <td>197.94</td> <td>1.00</td> <td>0.002</td> </tr> <tr> <td>I590648</td> <td>199.00</td> <td>199.95</td> <td>0.95</td> <td>0.002</td> </tr> <tr> <td>I590649</td> <td>202.00</td> <td>203.01</td> <td>1.01</td> <td>0.002</td> </tr> <tr> <td>I590651</td> <td>205.00</td> <td>205.92</td> <td>0.92</td> <td>0.013</td> </tr> <tr> <td>I590652</td> <td>206.95</td> <td>208.00</td> <td>1.05</td> <td>0.003</td> </tr> <tr> <td>I590653</td> <td>208.00</td> <td>209.06</td> <td>1.06</td> <td>0.001</td> </tr> <tr> <td>I590654</td> <td>211.00</td> <td>211.98</td> <td>0.98</td> <td>0.001</td> </tr> <tr> <td>I590655</td> <td>211.98</td> <td>212.94</td> <td>0.96</td> <td>0.001</td> </tr> <tr> <td>I590656</td> <td>212.94</td> <td>214.00</td> <td>1.06</td> <td>0.044</td> </tr> <tr> <td>I590657</td> <td>214.00</td> <td>214.97</td> <td>0.97</td> <td>0.051</td> </tr> <tr> <td>I590658</td> <td>217.00</td> <td>218.04</td> <td>1.04</td> <td>0.002</td> </tr> </tbody> </table>	Sample	From	To	Length	Au	I590644	193.00	194.05	1.05	0.012	I590645	194.05	195.06	1.01	0.004	I590646	195.06	196.00	0.94	0.003	I590647	196.94	197.94	1.00	0.002	I590648	199.00	199.95	0.95	0.002	I590649	202.00	203.01	1.01	0.002	I590651	205.00	205.92	0.92	0.013	I590652	206.95	208.00	1.05	0.003	I590653	208.00	209.06	1.06	0.001	I590654	211.00	211.98	0.98	0.001	I590655	211.98	212.94	0.96	0.001	I590656	212.94	214.00	1.06	0.044	I590657	214.00	214.97	0.97	0.051	I590658	217.00	218.04	1.04	0.002
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I590658	217.00	218.04	1.04	0.002																																																																																															

218.25	245.22	Sandstone				Medium hardness, medium-grained, medium grey sandstone. Medium-grained greywacke, weakly foliated, with a few short intervals of other litologies.	<p>218.73 - 219.55: Sulfide Iron Formation Soft, very fine-grained, black to medium yellow sulfide iron formation. Graphitic siltstone with bands of pyrite.</p> <p>225.53 - 226.30: Siltstone Soft, very fine-grained, black siltstone. Probably SIF but lacks significant sulfides.</p> <p>232.15 - 233.66: Sulfide Iron Formation Soft, very fine-grained, black to medium yellow sulfide iron formation.</p> <p>238.56 - 239.95: Sulfide Iron Formation Soft, very fine-grained, black to medium yellow sulfide iron formation.</p>	Sample	From	To	Length	Au	
		Structure	From	To	Structure			DTCA	I590659	218.04	218.97	0.93	0.126
			218.73	218.73	CT			45	I590660	218.97	220.00	1.03	0.312
			218.73	219.55	BED				I590661	220.00	221.08	1.08	0.002
			219.55	219.55	CT			40	I590662	223.10	223.83	0.73	0.001
			219.55	225.53	FOLN			50	I590663	225.48	226.40	0.92	0.002
			225.53	225.53	CT			35	I590664	229.00	229.98	0.98	<0.001
			225.56	225.62	FT				I590665	232.15	233.00	0.85	0.032
			225.62	232.15	FOLN			50	I590666	233.00	233.66	0.66	0.022
			226.30	226.30	CT			35	I590667	235.00	236.05	1.05	0.001
			232.15	232.15	CT				I590668	238.47	240.03	1.56	0.020
			233.66	233.66	CT			70	I590669	241.00	242.00	1.00	0.001
			233.66	238.56	FOLN			50	I590670	244.00	245.22	1.22	0.003
			238.56	238.56	CT			20					
			239.95	239.95	CT			15					
			239.95	245.22	FOLN			50					
			245.22	245.22	CT			70					
245.22	256.81	Oxide Iron Formation				Very hard, very fine-grained, very dark grey to light grey oxide iron formation. Moderately magnetic. Moderate magnetism with small, isolated strongly magnetic intervals.	I590671	245.22	246.08	0.86	0.048		
		I590672	246.08	247.00	0.92		0.019						
		I590673	247.00	248.04	1.04		0.104						
		I590674	248.04	249.04	1.00		0.003						
		I590676	249.04	250.00	0.96		0.133						
		I590677	250.00	251.00	1.00		0.057						
		I590678	251.00	252.00	1.00		0.203						
		I590679	252.00	253.00	1.00		0.148						
		I590680	253.00	254.00	1.00		0.099						
		I590681	254.00	254.96	0.96		0.069						
		I590682	254.96	256.00	1.04		0.423						
I590683	256.00	256.81	0.81	0.981									

256.81	292.00	Sulfide Iron Formation				Soft, very fine-grained, black to medium yellow sulfide iron formation. Moderately magnetic. Graphitic siltstone with abundant py and po, frequently massive.	257.66 - 259.00: Oxide Iron Formation Very hard, very fine-grained, very dark grey to light grey oxide iron formation. Moderately magnetic. Cherty in places, magnetism spotty.	Sample	From	To	Length	Au
		Structure						I590684	256.81	257.65	0.84	0.076
		From	To	Structure	DTCA			I590685	257.65	259.00	1.35	0.010
		257.66	257.66	CT	35			I590686	259.00	260.00	1.00	0.023
		259.00	259.00	CT	50			I590687	262.00	263.00	1.00	0.037
		291.58	292.00	CT				I590688	265.00	266.00	1.00	0.033
								I590689	268.00	269.00	1.00	0.028
								I590690	271.00	272.00	1.00	0.050
								I590691	274.00	275.00	1.00	0.086
								I590692	277.00	278.00	1.00	0.066
								I590693	280.00	281.00	1.00	0.024
								I590694	283.00	284.00	1.00	0.118
								I590695	286.00	287.00	1.00	0.049
								I590696	289.00	290.00	1.00	0.026
292.00	301.00	Dolostone				Hard, medium-grained, light grey dolostone. Reacts with HCl only when scratched.						
		Structure					I590697	292.00	293.00	1.00	0.008	
		From	To	Structure	DTCA		I590698	295.00	296.00	1.00	<0.001	
		299.12	299.20	FT			I590699	298.00	299.37	1.37	0.005	

Samples

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590501	7.00	8.00	0.004	1/2 Core	TB12042159	Sandstone	Bedding at 40 dtca from 7.00 to 7.23 m; fracture zone at 50 dtca from 7.23 to 8.00 m; Quartz-carbonate vein at 7.95 m	Weak pervasive silica from 7.23 to 8.00 m	
I590502	10.00	11.07	0.004	1/2 Core	TB12042159	Sandstone	Bedding at 25 dtca from 10.00 to 11.07 m		
I590503	11.07	12.13	0.016	1/2 Core	TB12042159	Conglomerate	Bedding at 25 dtca from 11.07 to 11.38 m; Sharp contact at 20 dtca at 11.38 m		1% fine-grained, cementing po from 11.38 to 12.13 m
I590504	12.13	13.00	0.006	1/2 Core	TB12042159	Sandstone	Sharp contact at 20 dtca at 12.19 m; Fracture zone from 12.19 to 13.00 m		1% fine-grained, cementing po from 12.13 to 12.19 m; 0.5% medium-grained, disseminated py from 12.19 to 12.50 m
I590505	13.00	14.00	0.003	1/2 Core	TB12042159	Sandstone	Fracture zone from 13.00 to 14.00 m		
I590506	14.00	15.04	0.008	1/2 Core	TB12042159	Sandstone	Fracture zone from 14.00 to 14.14 m; Sharp contact at 30 dtca at 14.14 m; Sharp contact at 45 dtca at 14.32 m		1% fine-grained, cementing po from 14.14 to 14.32 m
I590507	15.04	16.00	0.002	1/2 Core	TB12042159	Sandstone			
I590508	16.00	16.77	0.001	1/2 Core	TB12042159	Sandstone			
I590509	16.77	17.71	0.004	1/2 Core	TB12042159	Sandstone	Quartz-carbonate vein at 45 dtca from 16.89 to 16.96 m	Moderate pervasive carbonate from 16.88 to 17.71 m	
I590510	17.71	18.52	0.005	1/2 Core	TB12042159	Sandstone	Quartz-carbonate vein at 45 dtca from 17.84 to 18.07 m; Quartz-carbonate vein at 45 dtca from 18.16 to 18.52 m	Moderate pervasive carbonate from 17.71 to 18.52 m	
I590511	18.52	19.41	0.010	1/2 Core	TB12042159	Sandstone	Sharp contact at 45 dtca at 19.39 m	Moderate pervasive carbonate from 18.52 to 19.12 m; Very strong pervasive carbonate from 19.12 to 19.39 m	
I590512	19.41	20.57	0.007	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 19.56 to 20.57 m
I590513	20.57	21.43	0.006	1/2 Core	TB12042159	Dolostone			
I590514	21.43	22.35	0.013	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 21.55 to 22.35 m
I590515	22.35	23.22	0.043	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 22.35 to 23.22 m
I590516	23.22	24.22	0.019	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 23.22 to 24.18 m
I590517	24.22	25.00	0.001	1/2 Core	TB12042159	Dolostone			

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590518	25.00	26.08	0.004	1/2 Core	TB12042159	Dolostone			
I590519	26.08	26.99	0.079	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 26.14 to 26.46 m; 5% fine-grained, fracture fill py from 26.46 to 26.65 m; 1% fine-grained, vein py from 26.65 to 26.99 m
I590520	26.99	28.00	0.007	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 26.99 to 27.07 m
I590521	28.00	29.01	0.071	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 28.06 to 29.01 m
I590522	29.01	30.02	0.069	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 29.01 to 30.02 m
I590523	30.02	31.00	0.025	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 30.02 to 31.00 m
I590524	31.00	31.98	0.088	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 31.00 to 31.98 m
I590525			0.001	Blank	TB12042159	KBG-F2010			
I590526	31.98	33.08	0.390	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 31.98 to 32.43 m; 10% fine-grained, vein py from 32.43 to 32.53 m; 5% fine-grained, vein py and 10% fine-grained, disseminated mt from 32.53 to 33.01 m; 2% fine-grained, vein py from 33.01 to 33.08 m
I590527	33.08	34.00	0.131	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 33.08 to 33.64 m
I590528	34.00	34.99	0.069	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 34.20 to 34.99 m
I590529	34.99	36.05	0.175	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 34.99 to 35.60 m; 5% fine-grained, vein py and 10% fine-grained, disseminated mt from 35.60 to 35.87 m; 2% fine-grained, vein py from 35.87 to 36.05 m
I590530	36.05	37.27	0.126	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 36.05 to 36.80 m; 10% fine-grained, fracture fill py and 10% fine-grained, disseminated mt from 36.80 to 37.10 m; 5% fine-grained, vein py from 37.10 to 37.27 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590531	37.27	38.10	0.036	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 37.27 to 37.56 m; 1% fine-grained, vein py from 37.56 to 38.10 m
I590532	38.10	39.17	0.220	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 38.12 to 38.31 m; 5% fine-grained, vein py and 5% fine-grained, disseminated mt from 38.31 to 38.50 m; 2% fine-grained, vein py from 38.50 to 38.99 m; 5% fine-grained, vein py and 5% fine-grained, disseminated mt from 38.99 to 39.09 m; 1% fine-grained, vein py from 39.09 to 39.17 m
I590533	39.17	40.00	0.189	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 39.17 to 39.23 m; 5% fine-grained, vein py from 39.23 to 39.31 m; 5% fine-grained, vein py and 10% fine-grained, disseminated mt from 39.31 to 39.49 m
I590534	40.00	41.00	0.083	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py and 5% fine-grained, disseminated mt from 40.17 to 40.40 m; 2% fine-grained, vein py from 40.40 to 40.60 m
I590535	41.00	41.75	0.007	1/2 Core	TB12042159	Dolostone			
I590536	41.75	43.00	0.964	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 41.86 to 41.94 m; 10% fine-grained, vein py and 20% fine-grained, disseminated mt from 41.94 to 42.23 m; 2% fine-grained, vein py from 42.23 to 42.52 m; 3% fine-grained, vein py from 42.87 to 43.00 m
I590537	43.00	44.04	0.075	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 43.00 to 43.23 m; 2% fine-grained, vein py and 10% fine-grained, disseminated mt from 43.49 to 43.55 m; 2% fine-grained, vein py from 43.55 to 44.04 m
I590538	44.04	45.04	0.039	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 44.04 to 44.95 m
I590539	45.04	46.00	0.004	1/2 Core	TB12042159	Dolostone			

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590540	46.00	46.95	0.043	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py and 10% fine-grained, disseminated mt from 46.15 to 46.46 m; 1% fine-grained, vein py from 46.46 to 46.63 m
I590541	46.95	47.97	0.002	1/2 Core	TB12042159	Dolostone			
I590542	47.97	49.00	0.002	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 48.80 to 49.00 m
I590543	49.00	49.98	0.039	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 49.00 to 49.98 m
I590544	49.98	51.06	0.006	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 49.98 to 50.15 m; 2% fine-grained, vein py from 50.55 to 51.06 m
I590545	51.06	52.00	0.052	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 51.06 to 51.40 m; 10% fine-grained, fracture fill py from 51.40 to 52.00 m
I590546	52.00	52.90	0.020	1/2 Core	TB12042159	Siltstone	Sharp contact at 35 dtca at 52.10 m; Fold axial plane at 90 dtca at 52.65 m		10% fine-grained, fracture fill py from 52.00 to 52.10 m ; 0.5% fine-grained, disseminated py and 2% very fine-grained, blebs hem from 52.10 to 52.90 m
I590547	52.90	53.92	0.026	1/2 Core	TB12042159	Dolostone	Sharp contact at 45 dtca at 53.30 m		0.5% fine-grained, disseminated py and 2% very fine-grained, blebs hem from 52.90 to 53.30 m; 5% fine-grained, vein py from 53.30 to 53.69 m
I590548	53.92	55.00	0.609	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 54.08 to 54.15 m; 2% fine-grained, vein py and 2% very fine-grained, disseminated mt from 54.15 to 54.23 m; 5% fine-grained, vein py from 54.23 to 54.55 m; 2% fine-grained, vein py from 54.55 to 55.00 m
I590549	55.00	56.00	0.852	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 55.00 to 55.62 m; 5% fine-grained, vein py from 55.62 to 55.70 m; 10% fine-grained, vein py and 2% very fine-grained, disseminated mt from 55.70 to 55.78 m; 2% fine-grained, vein py from 55.78 to 56.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590550			2.170	Reference Material	TB12042159	OREAS 67a			
I590551	56.00	57.00	0.022	1/2 Core	TB12042159	Dolostone	Sharp contact at 45 dtca at 56.74 m		2% fine-grained, vein py from 56.00 to 56.06 m; 1% fine-grained, vein py from 56.06 to 56.74 m; 0.5% fine-grained, disseminated py from 56.74 to 57.00 m
I590552	57.00	58.00	0.030	1/2 Core	TB12042159	Dolostone	Ankerite vein from 57.00 to 57.19 m		0.5% fine-grained, disseminated py from 57.00 to 58.00 m
I590553	58.00	59.02	0.003	1/2 Core	TB12042159	Dolostone	Sharp contact at 35 dtca at 58.22 m	Very strong pervasive carbonate from 58.12 to 58.22 m	0.5% fine-grained, disseminated py from 58.00 to 58.22 m
I590554	59.02	60.05	0.007	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 59.46 to 59.67 m
I590555	60.05	61.00	0.003	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 60.63 to 61.00 m
I590556	61.00	62.00	0.032	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 61.00 to 61.61 m; 5% fine-grained, vein py and 10% fine-grained, disseminated mt from 61.61 to 61.71 m; 3% fine-grained, vein py from 61.71 to 62.00 m
I590557	62.00	63.04	0.024	1/2 Core	TB12042159	Dolostone			3% fine-grained, vein py from 62.00 to 62.44 m
I590558	63.04	64.00	0.041	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 63.13 to 63.43 m; 1% fine-grained, vein py from 63.43 to 64.00 m
I590559	64.00	64.92	0.036	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 64.00 to 64.56 m; 2% fine-grained, vein py and 20% fine-grained, disseminated mt from 64.56 to 64.62 m; 3% fine-grained, vein py from 64.62 to 64.80 m; 5% fine-grained, vein py and 5% fine-grained, disseminated mt from 64.80 to 64.89 m; 5% fine-grained, vein py from 64.89 to 64.92 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590560	64.92	66.07	0.085	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 64.92 to 65.08 m; 10% fine-grained, vein py from 65.08 to 65.14 m; 5% fine-grained, vein py and 20% fine-grained, disseminated mt from 65.14 to 65.24 m; 10% fine-grained, vein py from 65.24 to 65.35 m; 5% fine-grained, vein py and 5% very fine-grained, disseminated mt from 65.35 to 65.40 m; 5% fine-grained, vein py from 65.40 to 66.07 m
I590561	66.07	67.00	0.098	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 66.07 to 66.30 m; 10% fine-grained, vein py and 20% fine-grained, disseminated mt from 66.30 to 66.56 m; 2% fine-grained, vein py from 66.56 to 66.91 m; 5% fine-grained, vein py and 5% fine-grained, disseminated mt from 66.91 to 67.00 m
I590562	67.00	68.00	0.296	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py and 5% fine-grained, disseminated mt from 67.00 to 67.05 m; 2% fine-grained, vein py from 67.05 to 67.13 m; 2% fine-grained, vein py and 10% fine-grained, disseminated mt from 67.13 to 67.31 m; 5% fine-grained, vein py from 67.31 to 68.00 m
I590563	68.00	69.26	0.052	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 68.00 to 69.26 m
I590564	69.26	70.00	0.015	1/2 Core	TB12042159	Dolostone			5% fine-grained, vein py from 69.26 to 69.80 m; 2% fine-grained, vein py from 69.80 to 70.00 m
I590565	70.00	71.00	0.010	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 70.00 to 71.00 m
I590566	71.00	72.03	0.010	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 71.00 to 71.53 m
I590567	72.03	73.00	0.003	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 72.26 to 72.40 m
I590568	73.00	73.98	0.032	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 73.69 to 73.95 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590569	76.00	77.05	0.025	1/2 Core	TB12042159	Siltstone	Foliation at 30 dtca from 76.00 to 77.05 m		0.5% medium-grained, disseminated py from 76.00 to 77.05 m
I590570	79.00	80.00	0.009	1/2 Core	TB12042159	Dolostone	Foliation at 30 dtca from 79.00 to 79.23 m; Sharp contact at 55 dtca at 79.23 m; Foliation at 45 dtca from 79.88 to 80.00 m		0.5% medium-grained, disseminated py from 79.00 to 79.23 m; 1% fine-grained, vein py from 79.23 to 80.00 m
I590571	80.00	81.05	0.011	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 80.00 to 81.05 m
I590572	82.00	82.92	0.008	1/2 Core	TB12042159	Siltstone	Sharp contact at 40 dtca at 82.20 m; Foliation at 40 dtca from 82.20 to 82.92 m		1% fine-grained, vein py from 82.00 to 82.20 m; 0.5% medium-grained, disseminated py from 82.20 to 82.92 m
I590573	85.00	86.04	0.003	1/2 Core	TB12042159	Dolostone	Sharp contact at 45 dtca at 85.10 m		0.5% medium-grained, disseminated py from 85.00 to 85.10 m
I590574	88.00	89.01	0.874	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 88.00 to 89.01 m
I590575			0.002	Blank	TB12042159	KBG-F2010			
I590576	89.01	90.22	0.005	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 89.01 to 90.15 m
I590577	90.22	91.00	0.001	1/2 Core	TB12042159	Dolostone			
I590578	91.00	92.13	0.005	1/2 Core	TB12042159	Dolostone			
I590579	94.00	95.15	0.004	1/2 Core	TB12042159	Dolostone			0.5% fine-grained, vein py from 94.50 to 95.15 m
I590580	97.00	98.05	0.002	1/2 Core	TB12042159	Dolostone			0.5% fine-grained, vein py from 97.00 to 98.05 m
I590581	98.05	98.92	0.003	1/2 Core	TB12042159	Dolostone			0.5% fine-grained, vein py from 98.05 to 98.92 m
I590582	98.92	100.00	0.008	1/2 Core	TB12042159	Dolostone			0.5% fine-grained, vein py from 98.92 to 100.00 m
I590583	100.00	101.17	0.006	1/2 Core	TB12042159	Dolostone			0.5% fine-grained, vein py from 100.00 to 101.17 m
I590584	103.00	104.07	0.007	1/2 Core	TB12042159	Dolostone			0.5% fine-grained, vein py from 103.00 to 104.00 m
I590585	106.00	107.01	0.004	1/2 Core	TB12042159	Dolostone	Sharp contact at 30 dtca at 106.35 m; Sharp contact at 75 dtca at 106.52 m		2% fine-grained, vein py from 106.00 to 106.35 m; 0.5% fine-grained, disseminated py from 106.35 to 106.52 m; 2% fine-grained, vein py from 106.52 to 107.01 m
I590586	109.00	110.06	0.002	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 109.00 to 110.06 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590587	112.00	113.00	0.004	1/2 Core	TB12042159	Dolostone			1% very fine-grained, vein py from 112.20 to 113.00 m
I590588	115.00	116.02	0.004	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 115.10 to 115.30 m
I590589	118.00	119.02	0.002	1/2 Core	TB12042159	Dolostone			2% fine-grained, vein py from 118.90 to 119.02 m
I590590	121.00	122.00	0.012	1/2 Core	TB12042159	Dolostone			
I590591	124.00	125.02	0.002	1/2 Core	TB12042159	Dolostone			
I590592	127.00	128.09	0.016	1/2 Core	TB12042159	Dolostone	Sharp contact at 80 dtca at 127.10 m		
I590593	130.00	130.92	0.012	1/2 Core	TB12042159	Dolostone			0.5% fine-grained, stringer py from 130.00 to 130.80 m
I590594	133.00	133.95	0.012	1/2 Core	TB12042159	Dolostone			
I590595	133.95	135.00	0.847	1/2 Core	TB12042159	Dolostone			0.5% very fine-grained, disseminated mt from 134.00 to 134.54 m
I590596	135.00	136.00	0.027	1/2 Core	TB12042159	Dolostone			
I590597	136.00	137.03	0.018	1/2 Core	TB12042159	Dolostone			
I590598	139.00	140.11	0.003	1/2 Core	TB12042159	Dolostone			
I590599	140.11	141.00	0.021	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 140.50 to 141.00 m
I590600			3.540	Reference Material	TB12042159	OREAS 68a			
I590601	141.00	142.00	0.041	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 141.00 to 142.00 m
I590602	142.00	142.99	0.024	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 142.00 to 142.99 m
I590603	145.00	145.93	0.004	1/2 Core	TB12042159	Dolostone			
I590604	148.00	148.96	0.009	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 146.30 to 148.96 m
I590605	148.96	149.99	0.005	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 148.96 to 149.99 m
I590606	149.99	151.00	0.009	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 149.99 to 150.60 m
I590607	151.00	151.74	0.118	1/2 Core	TB12042159	Oxide Iron Formation	Broken contact at 45 dtca at 151.05 m; Banding at 20 dtca from 151.50 to 151.74 m		
I590608	151.74	152.76	0.094	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 151.74 to 152.75 m		20% fine-grained, disseminated mt from 151.74 to 152.76 m
I590609	152.76	154.00	0.024	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 152.75 to 154.00 m		20% fine-grained, disseminated mt from 152.76 to 154.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590610	154.00	154.84	0.024	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 154.00 to 154.84 m		20% fine-grained, disseminated mt from 154.00 to 154.84 m
I590611	154.84	156.03	0.253	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 154.84 to 156.03 m		20% fine-grained, disseminated mt from 154.84 to 156.03 m
I590612	156.03	157.00	0.010	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 156.03 to 157.00 m		20% fine-grained, disseminated mt from 156.03 to 157.00 m
I590613	157.00	158.00	0.048	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 157.00 to 158.00 m		20% fine-grained, disseminated mt from 157.00 to 158.00 m
I590614	158.00	159.05	0.008	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 158.00 to 159.05 m		20% fine-grained, disseminated mt from 158.00 to 159.05 m
I590615	159.05	160.00	0.148	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 159.05 to 160.00 m		20% fine-grained, disseminated mt from 159.05 to 160.00 m
I590616	160.00	160.98	0.166	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 160.00 to 160.98 m		20% fine-grained, disseminated mt from 160.00 to 160.98 m
I590617	160.98	161.95	0.066	1/2 Core	TB12042159	Oxide Iron Formation	Banding at 20 dtca from 160.98 to 161.95 m; Sharp contact at 45 dtca at 161.40 m		20% fine-grained, disseminated mt from 160.98 to 161.95 m
I590618	161.95	163.00	0.086	1/2 Core	TB12042159	Aphyric Mafic Dyke	Banding at 20 dtca from 151.95 to 162.40 m; Sharp contact at 50 dtca at 162.40 m; Sharp contact at 35 dtca at 162.84 m		20% fine-grained, disseminated mt from 161.95 to 162.84 m; 1% fine-grained, vein py from 162.84 to 163.00 m
I590619	163.00	164.00	0.076	1/2 Core	TB12042159	Dolostone			1% fine-grained, vein py from 163.00 to 163.10 m
I590620	166.00	167.06	0.002	1/2 Core	TB12042159	Dolostone			
I590621	167.06	168.04	0.007	1/2 Core	TB12042159	Dolostone			7% fine-grained, banded mt and 0.5% fine-grained, disseminated py from 167.85 to 167.91 m
I590622	168.04	169.00	0.011	1/2 Core	TB12042159	Dolostone			
I590623	169.00	170.03	0.018	1/2 Core	TB12042159	Oxide Iron Formation			2% fine-grained, stringer py from 169.69 to 170.03 m
I590624	170.03	170.94	0.060	1/2 Core	TB12042159	Dolostone			2% fine-grained, stringer py from 170.03 to 170.36 m
I590625			0.001	Blank	TB12042159	KBG-F2010			
I590626	170.94	172.00	0.004	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 171.24 to 172.00 m
I590627	172.00	173.12	0.019	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 172.00 to 172.12 m
I590628	173.12	174.05	0.005	1/2 Core	TB12042159	Dolostone			
I590629	174.05	174.66	0.002	1/2 Core	TB12042159	Dolostone			

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590630	174.66	175.97	0.003	1/2 Core	TB12042159	Aphyric Mafic Dyke	Sharp contact at 25 dtca at 174.80 m; Sharp contact at 40 dtca at 175.90 m		
I590631	175.97	176.97	0.007	1/2 Core	TB12042159	Dolostone			2% fine-grained, blebs py from 176.20 to 176.85 m
I590632	176.97	178.00	0.004	1/2 Core	TB12042159	Dolostone			
I590633	178.00	179.01	0.001	1/2 Core	TB12042159	Dolostone			
I590634	179.01	179.89	0.001	1/2 Core	TB12042159	Dolostone			
I590635	179.89	181.00	0.068	1/2 Core	TB12042159	Oxide Iron Formation	Sharp contact at 30 dtca at 179.88 m; Banding at 40 dtca from 179.88 to 181.00 m		
I590636	181.00	181.98	0.061	1/2 Core	TB12042159	Chert	Banding at 40 dtca from 181.00 to 181.98 m		
I590637	181.98	182.99	0.007	1/2 Core	TB12042159	Chert	Banding at 40 dtca from 181.98 to 182.99 m		
I590638	182.99	184.00	0.190	1/2 Core	TB12042159	Chert	Banding at 40 dtca from 182.99 to 183.27 m; Fault at 25 dtca from 183.27 to 183.42 m; Banding at 40 dtca from 183.42 to 184.00 m		3% fine-grained, stringer py from 183.27 to 183.42 m
I590640	184.00	185.00	0.038	1/2 Core	TB12042159	Chert	Banding at 40 dtca from 184.00 to 185.00 m		
I590641	185.00	186.00	0.059	1/2 Core	TB12042159	Chert	Banding at 40 dtca from 185.00 to 186.00 m		
I590642	186.00	187.00	0.050	1/2 Core	TB12042159	Chert	Banding at 40 dtca from 186.00 to 187.00 m		10% fine-grained, stringer py from 186.52 to 187.00 m
I590643	187.00	188.02	0.003	1/2 Core	TB12042159	Chert	Banding at 40 dtca from 187.00 to 187.61 m; Sharp contact at 30 dtca at 187.61 m		10% fine-grained, stringer py from 187.00 to 187.08 m
I590639	190.00	191.09	0.001	1/2 Core	TB12042159	Dolostone			
I590644	193.00	194.05	0.012	1/2 Core	TB12042159	Dolostone			2% fine-grained, stringer py from 193.00 to 194.05 m
I590645	194.05	195.06	0.004	1/2 Core	TB12042159	Dolostone			2% fine-grained, stringer py from 194.05 to 194.50 m; 1% fine-grained, stringer py from 194.50 to 195.06 m
I590646	195.06	196.00	0.003	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 195.06 to 196.00 m
I590647	196.94	197.94	0.002	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 196.94 to 197.70 m
I590648	199.00	199.95	0.002	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 199.22 to 199.95 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590649	202.00	203.01	0.002	1/2 Core	TB12042159	Dolostone			
I590650			2.060	Reference Material	TB12042159	OREAS 67a			
I590651	205.00	205.92	0.013	1/2 Core	TB12042159	Dolostone			25% fine-grained, vein py from 205.57 to 205.62 m
I590652	206.95	208.00	0.003	1/2 Core	TB12042159	Dolostone			3% fine-grained, stringer py from 207.00 to 207.20 m
I590653	208.00	209.06	0.001	1/2 Core	TB12042159	Dolostone			
I590654	211.00	211.98	0.001	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 211.36 to 211.98 m
I590655	211.98	212.94	0.001	1/2 Core	TB12042159	Dolostone			1% fine-grained, stringer py from 211.98 to 212.91 m
I590656	212.94	214.00	0.044	1/2 Core	TB12042159	Chert	Sharp contact at 40 dtca at 213.18 m; Banding at 45 dtca from 213.18 to 214.00 m		3% fine-grained, vein py from 213.23 to 213.70 m; 1% fine-grained, vein py from 213.70 to 214.00 m
I590657	214.00	214.97	0.051	1/2 Core	TB12042159	Chert	Banding at 45 dtca from 214.00 to 214.97 m		1% fine-grained, vein py from 214.00 to 214.97 m
I590658	217.00	218.04	0.002	1/2 Core	TB12042159	Dolostone			
I590659	218.04	218.97	0.126	1/2 Core	TB12042159	Sandstone	Sharp contact at 45 dtca at 218.25 m; Sharp contact at 45 dtca at 218.73 m; Bedding from 218.73 to 218.97 m		10% fine-grained, vein py from 218.25 to 218.30 m; 2% fine-grained, vein py from 218.30 to 218.45 m; 20% fine-grained, bedded py from 218.73 to 218.97 m
I590660	218.97	220.00	0.312	1/2 Core	TB12042159	Sulfide Iron Formation	Bedding from 218.97 to 219.55 m; Sharp contact at 40 dtca at 219.55 m; Foliation at 50 dtca from 219.55 to 220.00 m		20% fine-grained, bedded py from 218.97 to 219.55 m
I590661	220.00	221.08	0.002	1/2 Core	TB12042159	Sandstone	Foliation at 50 dtca from 220.00 to 221.08 m		
I590662	223.10	223.83	0.001	1/2 Core	TB12042159	Sandstone	Foliation at 50 dtca from 223.10 to 223.83 m		
I590663	225.48	226.40	0.002	1/2 Core	TB12042159	Siltstone	Foliation at 50 dtca from 225.48 to 225.53 m; Sharp contact at 35 dtca at 225.53 m; Fault from 225.56 to 225.62 m; Foliation at 50 dtca from 225.62 to 226.40 m; Sharp contact at 35 dtca at 226.30 m		0.5% fine-grained, fracture fill py from 225.53 to 226.30 m
I590664	229.00	229.98	<0.001	1/2 Core	TB12042159	Sandstone	Foliation at 50 dtca from 229.00 to 229.98 m		

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590665	232.15	233.00	0.032	1/2 Core	TB12042159	Sulfide Iron Formation	Sharp contact at 232.15 m		1% fine-grained, blebs py from 232.15 to 233.00 m
I590666	233.00	233.66	0.022	1/2 Core	TB12042159	Sulfide Iron Formation	Sharp contact at 70 dtca at 233.66 m		1% fine-grained, blebs py from 233.00 to 233.66 m
I590667	235.00	236.05	0.001	1/2 Core	TB12042159	Sandstone	Foliation at 50 dtca from 235.00 to 236.05 m		
I590668	238.47	240.03	0.020	1/2 Core	TB12042159	Sulfide Iron Formation	Foliation at 50 dtca from 238.47 to 238.56 m; Sharp contact at 20 dtca at 238.56 m; Tectonic contact at 15 dtca at 239.95 m; Foliation at 50 dtca from 239.95 to 240.03 m		2% fine-grained, fracture fill py from 238.56 to 239.95 m
I590669	241.00	242.00	0.001	1/2 Core	TB12042159	Sandstone	Foliation at 50 dtca from 241.00 to 242.00 m		
I590670	244.00	245.22	0.003	1/2 Core	TB12042159	Sandstone	Foliation at 50 dtca from 244.00 to 245.22 m; Sharp contact at 70 dtca at 245.22 m		
I590671	245.22	246.08	0.048	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 245.22 to 245.41 m; 3% fine-grained, blebs po from 245.41 to 245.48 m; 0.5% fine-grained, blebs po from 245.48 to 245.97 m; 2% fine-grained, blebs po from 245.97 to 246.01 m; 0.5% fine-grained, blebs po from 246.01 to 246.08 m
I590672	246.08	247.00	0.019	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 246.01 to 247.00 m
I590673	247.00	248.04	0.104	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 247.00 to 248.04 m
I590674	248.04	249.04	0.003	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 248.04 to 249.04 m
I590675			<0.001	Blank	TB12042159	KBG-F2010			
I590676	249.04	250.00	0.133	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 249.04 to 250.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590677	250.00	251.00	0.057	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 250.00 to 250.57 m; 10% fine-grained, spotty po from 250.57 to 250.73 m; 10% fine-grained, spotty po and 20% medium-grained, vein py from 250.73 to 250.75 m; 10% fine-grained, spotty po from 250.75 to 251.00 m
I590678	251.00	252.00	0.203	1/2 Core	TB12042159	Oxide Iron Formation			10% fine-grained, spotty po from 251.00 to 251.29 m; 0.5% fine-grained, blebs po from 251.29 to 252.00 m
I590679	252.00	253.00	0.148	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 252.00 to 253.00 m
I590680	253.00	254.00	0.099	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 253.00 to 253.06 m; 10% fine-grained, spotty po from 253.06 to 253.72 m; 0.5% fine-grained, blebs po from 253.72 to 254.00 m
I590681	254.00	254.96	0.069	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 254.00 to 254.96 m
I590682	254.96	256.00	0.423	1/2 Core	TB12042159	Oxide Iron Formation			0.5% fine-grained, blebs po from 254.96 to 255.71 m; 10% fine-grained, spotty po from 255.71 to 256.00 m
I590683	256.00	256.81	0.981	1/2 Core	TB12042159	Oxide Iron Formation			10% fine-grained, spotty po from 256.00 to 256.81 m
I590684	256.81	257.65	0.076	1/2 Core	TB12042159	Sulfide Iron Formation			10% fine-grained, bedded po and 1% fine-grained, blebs py from 256.81 to 257.65 m
I590685	257.65	259.00	0.010	1/2 Core	TB12042159	Oxide Iron Formation	Sharp contact at 35 dtca at 257.66 m; Sharp contact at 50 dtca at 259.00 m		2% fine-grained, spotty po from 257.65 to 259.00 m
I590686	259.00	260.00	0.023	1/2 Core	TB12042159	Sulfide Iron Formation			5% fine-grained, stringer po and 0.5% fine-grained, blebs py from 259.00 to 260.00 m
I590687	262.00	263.00	0.037	1/2 Core	TB12042159	Sulfide Iron Formation			85% fine-grained, massive py from 262.00 to 262.65 m; 10% fine-grained, stringer py from 262.65 to 263.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590688	265.00	266.00	0.033	1/2 Core	TB12042159	Sulfide Iron Formation			80% fine-grained, massive py and 2% fine-grained, stringer po from 265.00 to 266.00 m
I590689	268.00	269.00	0.028	1/2 Core	TB12042159	Sulfide Iron Formation			80% fine-grained, massive py from 268.00 to 269.00 m
I590690	271.00	272.00	0.050	1/2 Core	TB12042159	Sulfide Iron Formation			80% fine-grained, massive py from 271.00 to 271.95 m; 20% fine-grained, bedded py and 5% fine-grained, blebs po from 271.95 to 272.00 m
I590691	274.00	275.00	0.086	1/2 Core	TB12042159	Sulfide Iron Formation			80% fine-grained, massive py and 5% fine-grained, stringer po from 274.00 to 275.00 m
I590692	277.00	278.00	0.066	1/2 Core	TB12042159	Sulfide Iron Formation			20% fine-grained, bedded py and 5% fine-grained, bedded po from 277.00 to 277.90 m; 50% fine-grained, semi-massive py from 277.90 to 278.00 m
I590693	280.00	281.00	0.024	1/2 Core	TB12042159	Sulfide Iron Formation			10% fine-grained, bedded py from 280.00 to 281.00 m
I590694	283.00	284.00	0.118	1/2 Core	TB12042159	Sulfide Iron Formation			80% fine-grained, massive py from 283.00 to 283.95 m; 10% fine-grained, bedded py from 283.95 to 284.00 m
I590695	286.00	287.00	0.049	1/2 Core	TB12042159	Sulfide Iron Formation			40% fine-grained, semi-massive py and 30% fine-grained, semi-massive po from 286.00 to 287.00 m
I590696	289.00	290.00	0.026	1/2 Core	TB12042159	Sulfide Iron Formation			15% fine-grained, bedded po and 3% fine-grained, blebs py from 289.00 to 290.00 m
I590697	292.00	293.00	0.008	1/2 Core	TB12042159	Dolostone	Gradational contact from 291.58 to 292.00 m		0.5% fine-grained, stringer py and 0.5% very fine-grained, fracture fill po from 292.00 to 293.00 m
I590698	295.00	296.00	<0.001	1/2 Core	TB12042159	Dolostone			
I590699	298.00	299.37	0.005	1/2 Core	TB12042159	Dolostone	Fault from 299.12 to 299.20 m		
I590700			3.710	Reference Material	TB12042159	OREAS 68a			

Survey Data

Depth (m)	Azimuth	Dip	Test Type	Flag	Comments
0.00	210.0	-42.0	Compass	OK	
52.00	209.8	-41.9	Reflex	OK	Mag Field = 5778
100.00	215.1	-41.9	Reflex	OK	Mag Field = 5756
157.00	60.7	-42.1	Reflex	Warning	Mag Field = 4376
202.00	221.3	-42.0	Reflex	OK	Mag Field = 5721
250.00	219.1	-41.5	Reflex	OK	Mag Field = 5500
301.00	228.4	-41.1	Reflex	OK	Mag Field = 5703

Core Recovery and Fractures

From	To	Recovery	Fractures
4.85	7.00	100.0%	15
7.00	10.00	104.3%	999
10.00	13.00	99.3%	37
13.00	16.00	100.7%	46
16.00	19.00	99.7%	999
19.00	22.00	100.0%	32
22.00	25.00	101.3%	16
25.00	28.00	97.7%	19
28.00	31.00	102.0%	23
31.00	34.00	99.7%	17
34.00	37.00	100.3%	28
37.00	40.00	97.0%	20
40.00	43.00	99.0%	23
43.00	46.00	101.3%	21
46.00	49.00	101.0%	24
49.00	52.00	101.3%	15
52.00	55.00	99.7%	19
55.00	58.00	99.3%	999
58.00	61.00	100.0%	19
61.00	64.00	96.7%	15
64.00	67.00	102.3%	14
67.00	70.00	99.7%	23
70.00	73.00	101.7%	15
73.00	76.00	100.0%	12
76.00	79.00	99.3%	999

From	To	Recovery	Fractures
79.00	82.00	99.7%	14
82.00	85.00	98.3%	999
85.00	88.00	99.0%	14
88.00	91.00	102.7%	15
91.00	94.00	100.0%	15
94.00	97.00	98.0%	11
97.00	100.00	102.0%	12
100.00	103.00	97.3%	13
103.00	106.00	98.3%	13
106.00	109.00	96.3%	12
109.00	112.00	100.0%	12
112.00	115.00	103.0%	17
115.00	118.00	96.7%	12
118.00	121.00	97.3%	15
121.00	124.00	101.7%	16
124.00	127.00	99.3%	9
127.00	130.00	97.3%	11
130.00	133.00	104.0%	17
133.00	136.00	98.3%	13
136.00	139.00	103.0%	22
139.00	142.00	99.3%	12
142.00	145.00	101.3%	27
145.00	148.00	102.3%	12
148.00	151.00	102.3%	13
151.00	154.00	101.0%	13

From	To	Recovery	Fractures
154.00	157.00	95.0%	12
157.00	160.00	103.0%	26
160.00	163.00	100.7%	31
163.00	166.00	99.3%	11
166.00	169.00	98.3%	21
169.00	172.00	98.3%	17
172.00	175.00	99.3%	18
175.00	178.00	101.0%	999
178.00	181.00	100.0%	18
181.00	184.00	96.7%	12
184.00	187.00	101.7%	11
187.00	190.00	100.0%	16
190.00	193.00	102.0%	25
193.00	196.00	98.3%	25
196.00	199.00	103.3%	999
199.00	202.00	99.3%	19
202.00	205.00	99.7%	18
205.00	208.00	101.3%	16
208.00	211.00	99.3%	10
211.00	214.00	98.7%	19
214.00	217.00	97.3%	26
217.00	220.00	106.7%	35
220.00	223.00	103.3%	23
223.00	226.00	94.3%	40
226.00	229.00	100.3%	17

From	To	Recovery	Fractures
229.00	232.00	100.0%	20
232.00	235.00	101.7%	23
235.00	238.00	104.3%	26
238.00	241.00	101.7%	34
241.00	244.00	102.0%	56
244.00	247.00	98.0%	17
247.00	250.00	101.7%	17
250.00	253.00	101.0%	9
253.00	256.00	99.0%	13
256.00	259.00	99.0%	11
259.00	262.00	100.3%	27
262.00	265.00	102.3%	30
265.00	268.00	101.7%	12
268.00	271.00	100.0%	10
271.00	274.00	99.0%	11
274.00	277.00	100.7%	7
277.00	280.00	98.0%	5
280.00	283.00	99.3%	7
283.00	286.00	100.3%	9
286.00	289.00	96.3%	8
289.00	292.00	102.3%	14
292.00	295.00	99.3%	8
295.00	298.00	101.0%	4
298.00	301.00	99.0%	6

Magnetic Susceptibility

Depth	Mag Sus
5	0.245
6	0.186
7	0.217
8	0.350
9	0.218
10	0.325
11	0.304
12	0.540
13	0.023
14	0.729
15	0.030
16	0.039
17	0.041
18	0.013
19	0.179
20	0.178
21	0.240
22	0.449
23	0.364
24	0.330
25	0.336
26	0.424
27	0.505
28	0.365
29	0.411
30	0.578
31	0.571
32	0.427
33	110.995
34	0.374

Depth	Mag Sus
35	0.443
36	0.524
37	112.970
38	2.189
39	46.097
40	1.347
41	0.777
42	264.065
43	4.055
44	0.249
45	1.023
46	0.364
47	0.387
48	0.366
49	0.374
50	0.440
51	0.600
52	0.252
53	0.442
54	60.101
55	0.509
56	1.172
57	0.416
58	0.382
59	0.572
60	0.503
61	0.590
62	2.900
63	3.797
64	18.970

Depth	Mag Sus
65	3.606
66	9.365
67	0.800
68	1.133
69	0.232
70	0.400
71	0.291
72	0.306
73	0.313
74	0.326
75	0.170
76	0.151
77	0.284
78	1.428
79	0.144
80	0.296
81	0.232
82	0.784
83	1.196
84	0.707
85	0.417
86	0.056
87	0.628
88	0.326
89	0.347
90	0.371
91	0.309
92	0.345
93	0.354
94	0.308

Depth	Mag Sus
95	0.350
96	0.329
97	0.366
98	0.486
99	0.344
100	0.295
101	0.268
102	0.356
103	0.322
104	0.043
105	0.358
106	0.363
107	0.370
108	0.388
109	0.268
110	0.259
111	0.291
112	0.296
113	0.259
114	0.422
115	0.301
116	1.608
117	1.638
118	6.182
119	0.417
120	0.450
121	2.744
122	0.322
123	2.017
124	0.528

Depth	Mag Sus
125	13.118
126	0.805
127	1.455
128	7.208
129	222.503
130	3.630
131	0.327
132	2.035
133	1.303
134	0.559
135	1.486
136	1.658
137	0.331
138	0.325
139	0.294
140	0.284
141	0.323
142	0.396
143	0.390
144	0.582
145	0.756
146	7.605
147	72.645
148	117.638
149	36.546
150	104.902
151	86.469
152	4.492
153	7.075
154	17.498

Depth	Mag Sus
155	6.804
156	3.270
157	19.625
158	0.469
159	1.699
160	2.802
161	1.162
162	0.826
163	2.098
164	0.564
165	6.842
166	1.251
167	0.707
168	0.625
169	0.384
170	1.480
171	4.968
172	3.970
173	15.327
174	4.937
175	20.418
176	16.722
177	6.958
178	1.421
179	0.368
180	0.272
181	0.208
182	0.234
183	0.256
184	0.736

Magnetic Susceptibility

Depth	Mag Sus
185	0.672
186	0.341
187	0.270
188	0.289
189	0.387
190	0.436
191	0.372
192	0.507
193	2.678
194	0.700
195	0.616
196	0.361
197	2.238
198	1.003
199	0.358
200	0.408
201	0.375
202	3.765
203	0.332
204	0.780
205	0.919
206	2.001
207	13.623
208	0.481
209	1.193
210	0.435
211	0.305
212	0.221
213	0.173
214	0.148

Depth	Mag Sus
215	0.169
216	0.227
217	0.378
218	2.311
219	0.180
220	0.156
221	0.156
222	0.150
223	0.018
224	0.441
225	0.180
226	0.315
227	5.732
228	2.883
229	1.225
230	0.960
231	1.554
232	2.085
233	0.439
234	0.293
235	1.574
236	1.924
237	0.821
238	0.493
239	2.910
240	59.749
241	31.391
242	34.337
243	9.476
244	44.509

Depth	Mag Sus
245	9.203
246	24.151
247	17.070
248	39.162
249	45.951
250	73.264
251	27.419
252	32.701
253	77.934
254	17.989
255	20.740
256	6.333
257	20.158
258	4.235
259	6.406
260	42.226
261	29.813
262	22.658
263	6.719
264	5.305
265	12.380
266	59.078
267	77.920
268	88.707
269	11.087
270	20.772
271	17.199
272	12.919
273	12.400
274	25.040

Depth	Mag Sus
275	23.444
276	40.937
277	15.251
278	18.527
279	16.424
280	34.484
281	63.029
282	15.283
283	25.856
284	7.462
285	8.507
286	0.235
287	0.217
288	0.311
289	0.289
290	0.460
291	0.129
292	0.184
293	0.546
294	0.545
295	0.340
296	0.332
297	0.388
298	0.365
299	0.122
300	0.410
301	0.211

Detailed Drillhole Report – PB12-033

Hole Number: PB12-033

Project Name:	West Red Lake	Northing:	5654560	Hole Type:	Diamond Drill
Prospect:	Pancake Bay	Easting:	0413225	Hole Size:	NQ
Claim Number:	1248171	Elevation	367 m	Collar Survey:	Yes
Proposed Hole:	BL-03	Collar Azimuth:	216°	Downhole Survey:	Yes
Date Started:	Feb. 17, 2012.	Collar Dip:	-43°	Casing:	Capped
Date Completed:	Feb. 21, 2012.	Final Depth:	250 m	Drilling Contractor:	Vital Drilling
Logged by:	Sean Timpa	Length:	250 m	Core Storage:	GoldCorp Core Storage

Detailed Lithology

From	To	Lithology	Comments	Minor Lithology	Assay Data					
0.00	7.30	Casing	Overburden							
7.30	74.36	Sandstone	Medium hardness, fine-grained, medium grey sandstone. Arkose with variable amounts of silt and clay. Alteration varies locally.		Sample	From	To	Length	Au	
		Structure				I590701	9.00	10.00	1.00	0.006
From	To	Structure		DTCA		I590702	10.00	11.00	1.00	0.014
7.30	10.55	FOLN		45		I590703	11.00	12.00	1.00	0.004
10.55	11.75	FT				I590704	12.00	13.00	1.00	0.150
11.75	11.92	VN-QTZ				I590705	13.00	14.00	1.00	0.006
11.92	19.28	FOLN		45		I590706	16.00	17.00	1.00	0.048
19.28	19.36	VN-QC		40		I590707	19.00	20.00	1.00	0.007
19.36	19.62	FOLN		45		I590708	22.00	23.00	1.00	0.020
19.62	19.82	VN-QC		45		I590709	25.00	26.00	1.00	0.019
19.94	20.00	VN-QC		45		I590710	28.00	29.00	1.00	0.003
20.00	22.28	FOLN		45		I590711	31.00	32.00	1.00	0.021
22.28	22.30	VN-S		45		I590712	34.00	35.00	1.00	0.015
						I590713	37.00	38.00	1.00	0.001

		Structure <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr><td>22.30</td><td>41.12</td><td>FOLN</td><td>45</td></tr> <tr><td>41.12</td><td>41.15</td><td>VN-QC</td><td></td></tr> <tr><td>41.19</td><td>42.22</td><td>VN-QC</td><td></td></tr> <tr><td>42.22</td><td>48.22</td><td>FOLN</td><td>45</td></tr> <tr><td>48.22</td><td>48.69</td><td>FT</td><td>70</td></tr> <tr><td>48.69</td><td>56.06</td><td>FOLN</td><td>45</td></tr> <tr><td>56.06</td><td>56.12</td><td>VN-QC</td><td></td></tr> <tr><td>56.12</td><td>61.54</td><td>FOLN</td><td>45</td></tr> <tr><td>61.54</td><td>61.64</td><td>VN-QC</td><td></td></tr> <tr><td>61.64</td><td>64.09</td><td>FOLN</td><td>45</td></tr> <tr><td>64.09</td><td>64.14</td><td>VN-QC</td><td></td></tr> <tr><td>64.14</td><td>69.06</td><td>FOLN</td><td>45</td></tr> <tr><td>69.06</td><td>69.16</td><td>VN-QTZ</td><td></td></tr> <tr><td>69.16</td><td>74.36</td><td>FOLN</td><td>45</td></tr> <tr><td>74.36</td><td>74.36</td><td>CT</td><td>40</td></tr> </tbody> </table>	From	To	Structure	DTCA	22.30	41.12	FOLN	45	41.12	41.15	VN-QC		41.19	42.22	VN-QC		42.22	48.22	FOLN	45	48.22	48.69	FT	70	48.69	56.06	FOLN	45	56.06	56.12	VN-QC		56.12	61.54	FOLN	45	61.54	61.64	VN-QC		61.64	64.09	FOLN	45	64.09	64.14	VN-QC		64.14	69.06	FOLN	45	69.06	69.16	VN-QTZ		69.16	74.36	FOLN	45	74.36	74.36	CT	40			<table border="1"> <thead> <tr> <th>Sample</th> <th>From</th> <th>To</th> <th>Length</th> <th>Au</th> </tr> </thead> <tbody> <tr><td>I590714</td><td>40.00</td><td>41.00</td><td>1.00</td><td>0.195</td></tr> <tr><td>I590715</td><td>41.00</td><td>42.00</td><td>1.00</td><td>0.058</td></tr> <tr><td>I590716</td><td>42.00</td><td>43.00</td><td>1.00</td><td>0.005</td></tr> <tr><td>I590717</td><td>43.00</td><td>44.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I590718</td><td>46.00</td><td>47.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I590719</td><td>47.00</td><td>48.00</td><td>1.00</td><td>0.087</td></tr> <tr><td>I590720</td><td>48.00</td><td>49.00</td><td>1.00</td><td>0.029</td></tr> <tr><td>I590721</td><td>49.00</td><td>50.00</td><td>1.00</td><td>0.008</td></tr> <tr><td>I590722</td><td>52.00</td><td>53.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I590723</td><td>55.00</td><td>56.00</td><td>1.00</td><td>0.006</td></tr> <tr><td>I590724</td><td>58.00</td><td>59.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I590726</td><td>61.00</td><td>62.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I590727</td><td>63.63</td><td>64.17</td><td>0.54</td><td>0.016</td></tr> <tr><td>I590728</td><td>67.00</td><td>68.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I590729</td><td>70.00</td><td>71.00</td><td>1.00</td><td>0.005</td></tr> <tr><td>I590730</td><td>73.00</td><td>74.00</td><td>1.00</td><td>0.006</td></tr> </tbody> </table>	Sample	From	To	Length	Au	I590714	40.00	41.00	1.00	0.195	I590715	41.00	42.00	1.00	0.058	I590716	42.00	43.00	1.00	0.005	I590717	43.00	44.00	1.00	0.003	I590718	46.00	47.00	1.00	0.001	I590719	47.00	48.00	1.00	0.087	I590720	48.00	49.00	1.00	0.029	I590721	49.00	50.00	1.00	0.008	I590722	52.00	53.00	1.00	0.003	I590723	55.00	56.00	1.00	0.006	I590724	58.00	59.00	1.00	0.003	I590726	61.00	62.00	1.00	0.001	I590727	63.63	64.17	0.54	0.016	I590728	67.00	68.00	1.00	0.001	I590729	70.00	71.00	1.00	0.005	I590730	73.00	74.00	1.00	0.006
From	To	Structure	DTCA																																																																																																																																																							
22.30	41.12	FOLN	45																																																																																																																																																							
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I590715	41.00	42.00	1.00	0.058																																																																																																																																																						
I590716	42.00	43.00	1.00	0.005																																																																																																																																																						
I590717	43.00	44.00	1.00	0.003																																																																																																																																																						
I590718	46.00	47.00	1.00	0.001																																																																																																																																																						
I590719	47.00	48.00	1.00	0.087																																																																																																																																																						
I590720	48.00	49.00	1.00	0.029																																																																																																																																																						
I590721	49.00	50.00	1.00	0.008																																																																																																																																																						
I590722	52.00	53.00	1.00	0.003																																																																																																																																																						
I590723	55.00	56.00	1.00	0.006																																																																																																																																																						
I590724	58.00	59.00	1.00	0.003																																																																																																																																																						
I590726	61.00	62.00	1.00	0.001																																																																																																																																																						
I590727	63.63	64.17	0.54	0.016																																																																																																																																																						
I590728	67.00	68.00	1.00	0.001																																																																																																																																																						
I590729	70.00	71.00	1.00	0.005																																																																																																																																																						
I590730	73.00	74.00	1.00	0.006																																																																																																																																																						
74.36	76.02	Conglomerate Structure <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr><td>74.76</td><td>74.95</td><td>VN-QTZ</td><td>30</td></tr> <tr><td>76.02</td><td>76.02</td><td>CT</td><td>50</td></tr> </tbody> </table>	From	To	Structure	DTCA	74.76	74.95	VN-QTZ	30	76.02	76.02	CT	50	Medium hardness, very coarse-grained, medium grey to light green conglomerate. Polymictic clast-supported. Fuchsite may be detrital. py cementing.																																																																																																																																											
From	To	Structure	DTCA																																																																																																																																																							
74.76	74.95	VN-QTZ	30																																																																																																																																																							
76.02	76.02	CT	50																																																																																																																																																							

76.02	104.09	Sandstone				Medium hardness, fine-grained, medium grey sandstone. Arkose with variable amounts of silt and clay. Alteration varies locally..		Sample	From	To	Length	Au
		Structure						I590731	76.00	77.00	1.00	0.004
		From	To	Structure	DTCA			I590732	79.00	80.00	1.00	0.003
		89.12	89.50	VN-QC				I590733	82.00	83.00	1.00	0.010
		99.31	99.74	FT	50			I590734	85.00	86.00	1.00	0.002
		104.09	104.09	CT	60			I590735	88.00	89.63	1.63	0.004
								I590736	91.00	92.00	1.00	0.001
								I590737	94.00	95.00	1.00	0.004
								I590738	97.00	98.00	1.00	0.002
								I590739	98.00	99.00	1.00	0.002
								I590740	99.00	100.00	1.00	0.007
								I590741	100.00	101.00	1.00	0.003
								I590742	101.00	102.00	1.00	0.002
								I590743	102.00	103.00	1.00	<0.001
								I590744	103.00	104.09	1.09	0.002
104.09	148.56	Dolostone				Hard, medium-grained, light grey dolostone. Reacts with HCl only when scratched. Ankeritic dolostone with cherty interbeds.	106.28 - 106.50: Siltstone Medium hardness, fine-grained, medium grey siltstone. 107.27 - 107.60: Siltstone Medium hardness, very fine-grained, medium grey siltstone. 107.91 - 108.24: Siltstone Medium hardness, very fine-grained, medium grey siltstone. 140.88 - 141.59: Siltstone Medium hardness, very fine-grained, medium grey siltstone.	I590745	104.09	105.00	0.91	0.012
		Structure						I590746	105.00	106.00	1.00	0.019
		From	To	Structure	DTCA			I590747	106.00	107.00	1.00	0.009
		106.28	106.28	CT	25			I590748	107.00	108.00	1.00	0.007
		106.50	106.50	CT	90			I590749	108.00	109.00	1.00	0.047
		107.27	107.27	CT	35			I590751	109.00	110.00	1.00	0.011
		107.60	107.60	CT	60			I590752	112.00	113.00	1.00	0.010
		107.91	107.91	CT	45			I590753	113.00	114.00	1.00	0.213
		108.24	108.24	CT	90			I590754	114.00	115.00	1.00	0.024
		140.88	140.88	CT	30			I590755	115.00	116.00	1.00	0.018
		141.59	141.59	CT	45			I590756	116.00	117.00	1.00	0.037
		148.56	148.56	CT	45			I590757	117.00	118.00	1.00	0.031
								I590758	118.00	119.00	1.00	0.012
								I590759	121.00	122.00	1.00	0.055

166.59	170.47	<p>Sulfide Iron Formation</p> <p>Structure</p> <table border="1" data-bbox="354 311 954 393"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>170.47</td> <td>170.47</td> <td>CT</td> <td>30</td> </tr> </tbody> </table>	From	To	Structure	DTCA	170.47	170.47	CT	30	<p>Very soft, very fine-grained, black sulfide iron formation. Graphitic siltstone with small amounts of sulfide.</p>	<table border="1" data-bbox="1908 194 2620 365"> <thead> <tr> <th>Sample</th> <th>From</th> <th>To</th> <th>Length</th> <th>Au</th> </tr> </thead> <tbody> <tr> <td>I590780</td> <td>166.60</td> <td>168.00</td> <td>1.40</td> <td>0.011</td> </tr> <tr> <td>I590781</td> <td>168.00</td> <td>169.00</td> <td>1.00</td> <td>0.007</td> </tr> <tr> <td>I590783</td> <td>169.00</td> <td>170.48</td> <td>1.48</td> <td>0.006</td> </tr> </tbody> </table>	Sample	From	To	Length	Au	I590780	166.60	168.00	1.40	0.011	I590781	168.00	169.00	1.00	0.007	I590783	169.00	170.48	1.48	0.006																																																										
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170.47	185.50	<p>Oxide Iron Formation</p> <p>Structure</p> <table border="1" data-bbox="354 673 954 836"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>174.96</td> <td>174.96</td> <td>CT</td> <td>90</td> </tr> <tr> <td>175.85</td> <td>175.85</td> <td>CT</td> <td>35</td> </tr> <tr> <td>185.50</td> <td>185.50</td> <td>CT</td> <td></td> </tr> </tbody> </table>	From	To	Structure	DTCA	174.96	174.96	CT	90	175.85	175.85	CT	35	185.50	185.50	CT		<p>174.96 - 175.85: Sulfide Iron Formation</p> <p>Very hard, very fine-grained, dark grey to light grey oxide iron formation. Moderately magnetic. BIF, strongly sulfidized.</p> <p>Soft, very fine-grained, black sulfide iron formation. Brief interval of graphitic siltstone with minor sulfides.</p>	<table border="1" data-bbox="1908 560 2620 1161"> <tbody> <tr><td>I590784</td><td>170.48</td><td>172.00</td><td>1.52</td><td>0.007</td></tr> <tr><td>I590785</td><td>172.00</td><td>173.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I590786</td><td>173.00</td><td>174.00</td><td>1.00</td><td>0.009</td></tr> <tr><td>I590787</td><td>174.00</td><td>175.00</td><td>1.00</td><td>0.006</td></tr> <tr><td>I590788</td><td>175.00</td><td>176.00</td><td>1.00</td><td>0.036</td></tr> <tr><td>I590789</td><td>176.00</td><td>177.00</td><td>1.00</td><td>0.006</td></tr> <tr><td>I590790</td><td>177.00</td><td>178.00</td><td>1.00</td><td>0.006</td></tr> <tr><td>I590791</td><td>178.00</td><td>179.00</td><td>1.00</td><td>0.004</td></tr> <tr><td>I590792</td><td>179.00</td><td>180.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I590793</td><td>180.00</td><td>181.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I590794</td><td>181.00</td><td>182.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I590795</td><td>182.00</td><td>183.00</td><td>1.00</td><td>0.007</td></tr> <tr><td>I590796</td><td>183.00</td><td>184.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I590797</td><td>184.00</td><td>185.50</td><td>1.50</td><td>0.002</td></tr> </tbody> </table>	I590784	170.48	172.00	1.52	0.007	I590785	172.00	173.00	1.00	0.003	I590786	173.00	174.00	1.00	0.009	I590787	174.00	175.00	1.00	0.006	I590788	175.00	176.00	1.00	0.036	I590789	176.00	177.00	1.00	0.006	I590790	177.00	178.00	1.00	0.006	I590791	178.00	179.00	1.00	0.004	I590792	179.00	180.00	1.00	0.001	I590793	180.00	181.00	1.00	0.001	I590794	181.00	182.00	1.00	0.002	I590795	182.00	183.00	1.00	0.007	I590796	183.00	184.00	1.00	0.003	I590797	184.00	185.50	1.50	0.002
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				Sample	From	To	Length	Au	
				I590828	238.00	239.00	1.00	0.001	
				I590829	241.00	242.00	1.00	0.004	
				I590830	244.00	245.00	1.00	0.009	
				I590831	247.00	248.00	1.00	0.002	

Samples

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590701	9.00	10.00	0.006	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 9.00 to 10.00 m	Weak pervasive silica from 9.00 to 10.00 m; Weak pervasive biotite from 9.00 to 10.00 m	
I590702	10.00	11.00	0.014	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 10.00 to 10.55 m; Fault from 10.55 to 11.00 m	Weak pervasive silica from 10.00 to 11.00 m; Weak pervasive biotite from 10.00 to 11.00 m	
I590703	11.00	12.00	0.004	1/2 Core	TB12048097	Sandstone	Fault from 11.00 to 11.75 m; Quartz vein from 11.75 to 11.92 m; Foliation at 45 dtca from 11.92 to 12.00 m	Weak pervasive silica from 11.00 to 12.00 m; Weak pervasive biotite from 11.00 to 12.00 m	
I590704	12.00	13.00	0.150	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 12.00 to 13.00 m		
I590705	13.00	14.00	0.006	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 13.00 to 14.00 m		
I590706	16.00	17.00	0.048	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 16.00 to 17.00 m	Weak pervasive silica from 16.30 to 17.00 m	
I590707	19.00	20.00	0.007	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 19.00 to 19.28 m; Quartz-carbonate vein at 40 dtca from 19.28 to 19.36 m; Foliation at 45 dtca from 19.36 to 19.62 m; Quartz-carbonate vein at 45 dtca from 19.62 to 19.82 m; Quartz-carbonate vein at 45 dtca from 19.94 to 20.00 m		
I590708	22.00	23.00	0.020	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 22.00 to 22.28 m; Sulfide vein at 45 dtca from 22.28 to 22.30 m; Foliation at 45 dtca from 22.30 to 23.00 m		10% fine-grained, vein py from 22.28 to 22.30 m
I590709	25.00	26.00	0.019	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 25.00 to 26.00 m	Weak pervasive silica from 25.00 to 26.00 m	
I590710	28.00	29.00	0.003	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 28.00 to 29.00 m	Weak pervasive silica from 28.00 to 29.00 m	
I590711	31.00	32.00	0.021	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 31.00 to 32.00 m		
I590712	34.00	35.00	0.015	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 34.00 to 35.00 m		
I590713	37.00	38.00	0.001	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 37.00 to 38.00 m		
I590714	40.00	41.00	0.195	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 40.00 to 41.00 m		

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590715	41.00	42.00	0.058	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 41.00 to 41.12 m; Quartz-carbonate vein from 41.12 to 41.15 m; Quartz-carbonate vein from 41.19 to 42.00 m	Strong banded biotite from 41.00 to 42.00 m	0.5% very fine-grained, vein py from 41.19 to 41.20 m
I590716	42.00	43.00	0.005	1/2 Core	TB12048097	Sandstone	Quartz-carbonate vein from 42.00 to 42.22 m; Foliation at 45 dtca from 42.22 to 43.00 m	Strong banded biotite from 42.00 to 42.10 m	
I590717	43.00	44.00	0.003	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 43.00 to 44.00 m	Strong pervasive silica from 43.30 to 44.00 m	
I590718	46.00	47.00	0.001	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 46.00 to 47.00 m	Strong pervasive silica from 46.00 to 46.70 m	
I590719	47.00	48.00	0.087	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 47.00 to 48.00 m	Strong pervasive silica from 47.15 to 48.00 m; Strong pervasive biotite from 47.15 to 48.00 m	
I590720	48.00	49.00	0.029	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 48.00 to 48.22 m; Fault at 70 dtca from 48.22 to 48.69 m; Foliation at 45 dtca from 48.69 to 49.00 m	Strong pervasive silica from 48.00 to 48.20 m; Strong pervasive biotite from 48.00 to 48.20 m; Very strong pervasive silica from 48.20 to 48.70 m; Very strong pervasive biotite from 48.20 to 48.70 m; Strong spotty fuchsite from 48.20 to 48.70 m	
I590721	49.00	50.00	0.008	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 49.00 to 50.00 m	Strong pervasive silica from 49.20 to 50.00 m	
I590722	52.00	53.00	0.003	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 52.00 to 53.00 m	Strong pervasive silica from 52.00 to 52.70 m; Strong pervasive biotite from 52.70 to 53.00 m	
I590723	55.00	56.00	0.006	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 55.00 to 56.00 m	Weak pervasive biotite from 55.40 to 56.00 m	
I590724	58.00	59.00	0.003	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 58.00 to 59.00 m	Very weak pervasive biotite from 58.00 to 59.00 m; Very weak pervasive chlorite from 58.00 to 59.00 m	
I590725			<0.001	Blank	TB12048097	KBG-F2010			
I590726	61.00	62.00	0.001	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 61.00 to 61.54 m; Quartz-carbonate vein from 61.54 to 61.64 m; Foliation at 45 dtca from 61.64 to 62.00 m		
I590727	63.63	64.17	0.016	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 63.63 to 64.09 m; Quartz-carbonate vein from 64.09 to 64.14 m	Strong pervasive silica from 63.70 to 64.17 m	

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590728	67.00	68.00	0.001	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 67.00 to 68.00 m	Very weak pervasive silica from 67.00 to 68.00 m	
I590729	70.00	71.00	0.005	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 70.00 to 71.00 m	Very strong pervasive silica from 70.00 to 71.00 m	
I590730	73.00	74.00	0.006	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 73.00 to 74.00 m	Very strong pervasive silica from 73.00 to 74.00 m	
I590731	76.00	77.00	0.004	1/2 Core	TB12048097	Sandstone	Sharp contact at 50 dtca at 76.02 m	Very strong pervasive silica from 76.05 to 77.00 m	
I590732	79.00	80.00	0.003	1/2 Core	TB12048097	Sandstone		Very strong pervasive silica from 79.00 to 80.00 m	
I590733	82.00	83.00	0.010	1/2 Core	TB12048097	Sandstone			
I590734	85.00	86.00	0.002	1/2 Core	TB12048097	Sandstone		Very strong pervasive silica from 85.00 to 86.00 m	
I590735	88.00	89.63	0.004	1/2 Core	TB12048097	Sandstone	Quartz-carbonate vein from 89.12 to 89.50 m	Very strong pervasive silica from 88.00 to 89.63 m	
I590736	91.00	92.00	0.001	1/2 Core	TB12048097	Sandstone		Very strong pervasive silica from 91.00 to 92.00 m	
I590737	94.00	95.00	0.004	1/2 Core	TB12048097	Sandstone		Very strong pervasive silica from 94.00 to 95.00 m	
I590738	97.00	98.00	0.002	1/2 Core	TB12048097	Sandstone		Very strong pervasive silica from 97.00 to 97.60 m; Moderate pervasive silica from 97.60 to 98.00 m; Weak pervasive biotite from 97.60 to 98.00 m; Very weak veined fuchsite from 97.60 to 98.00 m	
I590739	98.00	99.00	0.002	1/2 Core	TB12048097	Sandstone		Moderate pervasive silica from 98.00 to 99.00 m; Weak pervasive biotite from 98.00 to 99.00 m; Very weak veined fuchsite from 98.00 to 99.00 m	
I590740	99.00	100.00	0.007	1/2 Core	TB12048097	Sandstone	Fault at 50 dtca from 99.31 to 99.74 m	Moderate pervasive silica from 99.00 to 99.31 m; Weak pervasive biotite from 99.00 to 99.31 m; Very weak veined fuchsite from 99.00 to 99.31 m; Very strong pervasive silica from 99.31 to 99.74 m; Very strong pervasive carbonate from 99.31 to 99.74 m	0.1% fine-grained, disseminated py from 99.80 to 100.00 m
I590741	100.00	101.00	0.003	1/2 Core	TB12048097	Sandstone		Weak pervasive carbonate from 100.70 to 101.00 m	0.1% fine-grained, disseminated py from 100.00 to 101.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590742	101.00	102.00	0.002	1/2 Core	TB12048097	Sandstone		Weak pervasive carbonate from 101.00 to 101.38 m	0.1% fine-grained, disseminated py from 101.00 to 102.00 m
I590743	102.00	103.00	<0.001	1/2 Core	TB12048097	Sandstone		Very strong pervasive carbonate from 102.00 to 103.00 m; Weak veined biotite from 102.00 to 103.00 m; Weak spotty chlorite from 102.00 to 103.00 m	
I590744	103.00	104.09	0.002	1/2 Core	TB12048097	Sandstone	Sharp contact at 60 dtca at 104.09 m	Very strong pervasive carbonate from 103.00 to 104.09 m; Weak veined biotite from 103.00 to 104.09 m; Weak spotty chlorite from 103.00 to 104.09 m	
I590745	104.09	105.00	0.012	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 104.50 to 105.00 m
I590746	105.00	106.00	0.019	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 105.00 to 106.00 m
I590747	106.00	107.00	0.009	1/2 Core	TB12048097	Dolostone	Sharp contact at 25 dtca at 106.28 m; Sharp contact at 90 dtca at 106.50 m		1% fine-grained, stringer py from 106.00 to 107.00 m
I590748	107.00	108.00	0.007	1/2 Core	TB12048097	Dolostone	Sharp contact at 35 dtca at 107.27 m; Sharp contact at 60 dtca at 107.60 m; Sharp contact at 45 dtca at 107.91 m		1% fine-grained, stringer py from 107.00 to 108.00 m
I590749	108.00	109.00	0.047	1/2 Core	TB12048097	Dolostone	Sharp contact at 90 dtca at 108.24 m		1% fine-grained, stringer py from 108.00 to 109.00 m
I590750			2.270	Reference Material	TB12048097	OREAS 68a			
I590751	109.00	110.00	0.011	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 109.00 to 110.00 m
I590752	112.00	113.00	0.010	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 112.00 to 113.00 m
I590753	113.00	114.00	0.213	1/2 Core	TB12048097	Dolostone			5% fine-grained, fracture fill py from 113.00 to 113.48 m; 1% fine-grained, fracture fill py from 113.48 to 113.91 m; 3% fine-grained, fracture fill py from 113.91 to 114.07 m
I590754	114.00	115.00	0.024	1/2 Core	TB12048097	Dolostone			3% fine-grained, fracture fill py from 114.00 to 114.07 m; 1% fine-grained, fracture fill py from 114.07 to 114.80 m; 1% fine-grained, stringer py from 114.80 to 115.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590755	115.00	116.00	0.018	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 115.00 to 116.00 m
I590756	116.00	117.00	0.037	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 116.00 to 117.00 m
I590757	117.00	118.00	0.031	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 117.00 to 118.00 m
I590758	118.00	119.00	0.012	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 114.80 to 119.00 m
I590759	121.00	122.00	0.055	1/2 Core	TB12048097	Dolostone			1% fine-grained, blebs py from 121.08 to 121.42 m
I590760	124.00	125.00	0.066	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 124.00 to 125.00 m
I590761	127.00	128.00	0.020	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 127.00 to 127.40 m; 0.5% fine-grained, blebs py from 127.55 to 128.00 m
I590762	130.00	131.00	0.009	1/2 Core	TB12048097	Dolostone			
I590763	133.00	134.00	0.278	1/2 Core	TB12048097	Dolostone			0.5% fine-grained, blebs py from 133.00 to 133.30 m; 10% fine-grained, patchy py from 133.30 to 134.00 m
I590764	134.00	135.00	0.345	1/2 Core	TB12048097	Dolostone			10% fine-grained, patchy py from 134.00 to 134.70 m; 2% fine-grained, vein py from 134.70 to 135.00 m
I590765	135.00	136.00	0.004	1/2 Core	TB12048097	Dolostone			0.5% fine-grained, blebs py from 135.00 to 135.45 m; 1% fine-grained, stringer py from 135.45 to 13.00 m
I590766	136.00	137.00	0.057	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 136.00 to 137.00 m
I590767	139.00	140.00	0.001	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 139.00 to 139.20 m
I590768	142.00	143.00	0.002	1/2 Core	TB12048097	Dolostone			
I590769	145.00	146.00	0.014	1/2 Core	TB12048097	Dolostone			
I590770	148.00	149.00	0.051	1/2 Core	TB12048097	Dolostone	Sharp contact at 45 dtca at 148.56 m; Foliation at 45 dtca from 148.56 to 149.00 m		
I590771	151.00	152.00	0.027	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 151.00 to 152.00 m	Weak pervasive biotite from 151.00 to 151.18 m	
I590772	154.00	155.00	0.851	1/2 Core	TB12048097	Sandstone	Foliation at 45 dtca from 154.00 to 155.00 m		

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590773	157.00	158.00	0.010	1/2 Core	TB12048097	Dolostone			1% fine-grained, fracture fill py from 157.25 to 158.00 m
I590774	160.00	161.00	0.008	1/2 Core	TB12048097	Dolostone			
I590775			0.001	Blank	TB12048097	KBG-F2010			
I590776	163.00	164.00	0.013	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 163.20 to 163.55 m
I590777	164.00	165.00	0.015	1/2 Core	TB12048097	Dolostone	Sulfide vein at 90 dtca from 164.71 to 164.72 m		2% fine-grained, blebs py from 164.08 to 164.47 m; 50% fine-grained, vein py from 164.71 to 164.72 m
I590778	165.00	166.00	0.016	1/2 Core	TB12048097	Dolostone			
I590779	166.00	166.60	0.160	1/2 Core	TB12048097	Dolostone	Sharp contact at 70 dtca at 166.59 m		2% fine-grained, blebs py from 166.00 to 166.60 m
I590780	166.60	168.00	0.011	1/2 Core	TB12048097	Sulfide Iron Formation			2% fine-grained, blebs py from 166.60 to 168.00 m
I590781	168.00	169.00	0.007	1/2 Core	TB12048097	Sulfide Iron Formation			2% fine-grained, blebs py from 168.00 to 169.00 m
I590783	169.00	170.48	0.006	1/2 Core	TB12048097	Sulfide Iron Formation	Broken contact at 30 dtca at 170.47 m		2% fine-grained, blebs py from 169.00 to 170.48 m
I590784	170.48	172.00	0.007	1/2 Core	TB12048097	Oxide Iron Formation		Very weak pervasive silica from 170.90 to 172.00 m	20% fine-grained, banded po, 5% fine-grained, disseminated py and 5% very fine-grained, disseminated mt from 170.48 to 172.00 m
I590785	172.00	173.00	0.003	1/2 Core	TB12048097	Oxide Iron Formation		Very weak pervasive silica from 172.00 to 172.20 m; Strong banded fuchsite from 172.70 to 172.82 m; Very weak pervasive silica from 172.82 to 173.00 m	20% fine-grained, banded po, 5% fine-grained, disseminated py and 5% very fine-grained, disseminated mt from 172.00 to 172.20 m; 20% fine-grained, banded po, 5% fine-grained, disseminated py and 5% very fine-grained, disseminated mt from 172.20 to 173.00 m
I590786	173.00	174.00	0.009	1/2 Core	TB12048097	Oxide Iron Formation		Very weak pervasive silica from 173.00 to 174.00 m	20% fine-grained, banded po, 5% fine-grained, disseminated py and 5% very fine-grained, disseminated mt from 173.00 to 174.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590787	174.00	175.00	0.006	1/2 Core	TB12048097	Oxide Iron Formation	Sharp contact at 90 dtca at 174.96 m	Very weak pervasive silica from 174.00 to 174.93 m	20% fine-grained, banded po, 5% fine-grained, disseminated py and 5% very fine-grained, disseminated mt from 174.00 to 174.50 m; 5% fine-grained, stringer py and 5% fine-grained, disseminated po from 175.00 to 176.00 m
I590788	175.00	176.00	0.036	1/2 Core	TB12048097	Sulfide Iron Formation	Sharp contact at 35 dtca at 175.85 m		5% fine-grained, stringer py and 5% fine-grained, disseminated po from 175.00 to 176.00 m
I590789	176.00	177.00	0.006	1/2 Core	TB12048097	Oxide Iron Formation		Very weak pervasive silica from 176.00 to 177.00 m; Strong pervasive fuchsite from 177.60 to 177.00 m	10% fine-grained, stringer po and 5% medium-grained, blebs mt from 176.00 to 177.00 m
I590790	177.00	178.00	0.006	1/2 Core	TB12048097	Oxide Iron Formation		Very weak pervasive silica from 177.00 to 177.60 m; Strong pervasive fuchsite from 177.00 to 177.70 m	10% fine-grained, stringer po and 5% medium-grained, blebs mt from 177.00 to 178.00 m
I590791	178.00	179.00	0.004	1/2 Core	TB12048097	Oxide Iron Formation			0.5% fine-grained, disseminated py from 178.00 to 179.00 m
I590792	179.00	180.00	0.001	1/2 Core	TB12048097	Oxide Iron Formation			0.5% fine-grained, disseminated py from 179.00 to 180.00 m
I590793	180.00	181.00	0.001	1/2 Core	TB12048097	Oxide Iron Formation			0.5% fine-grained, disseminated py from 180.00 to 181.00 m
I590794	181.00	182.00	0.002	1/2 Core	TB12048097	Oxide Iron Formation			0.5% fine-grained, disseminated py from 181.00 to 182.00 m
I590795	182.00	183.00	0.007	1/2 Core	TB12048097	Oxide Iron Formation			0.5% fine-grained, disseminated py from 182.00 to 182.90 m; 2% very coarse-grained, vein py and 2% fine-grained, vein po from 182.90 to 183.00 m
I590796	183.00	184.00	0.003	1/2 Core	TB12048097	Oxide Iron Formation			2% very coarse-grained, vein py and 2% fine-grained, vein po from 183.00 to 183.80 m; 20% fine-grained, stringer po from 183.80 to 184.00 m
I590797	184.00	185.50	0.002	1/2 Core	TB12048097	Oxide Iron Formation	Gradational contact at 185.50 m		20% fine-grained, stringer po from 184.00 to 184.25 m; 30% fine-grained, stringer po and 5% fine-grained, blebs py from 184.25 to 185.50 m
I590799	185.50	187.00	0.001	1/2 Core	TB12048097	Sulfide Iron Formation			0.5% fine-grained, disseminated py from 185.50 to 187.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590800			3.750	Reference Material	TB12048097	OREAS 68a			
I590801	187.00	188.00	0.007	1/2 Core	TB12048097	Sulfide Iron Formation			0.5% fine-grained, disseminated py from 187.00 to 187.80 m; 50% fine-grained, semi-massive po and 3% fine-grained, stringer py from 187.80 to 187.90 m; 10% fine-grained, bedded po from 187.90 to 188.00 m
I590802	188.00	189.00	0.018	1/2 Core	TB12048097	Sulfide Iron Formation			10% fine-grained, bedded po from 188.00 to 189.00 m
I590803	189.00	190.00	0.010	1/2 Core	TB12048097	Sulfide Iron Formation			10% fine-grained, bedded po from 189.00 to 189.54 m; 0.5% fine-grained, disseminated py from 189.54 to 190.00 m
I590804	190.00	191.00	0.002	1/2 Core	TB12048097	Sulfide Iron Formation			0.5% fine-grained, disseminated py from 190.00 to 191.00 m
I590805	193.00	194.00	0.027	1/2 Core	TB12048097	Sulfide Iron Formation			10% fine-grained, bedded po from 193.00 to 193.32 m; 15% fine-grained, bedded po and 15% fine-grained, bedded py from 193.32 to 194.00 m
I590806	196.00	197.00	0.020	1/2 Core	TB12048097	Sulfide Iron Formation	Sharp contact at 30 dtca at 196.30 m		8% fine-grained, bedded po and 2% fine-grained, bedded py from 196.30 to 197.00 m
I590807	199.00	200.00	0.002	1/2 Core	TB12048097	Sulfide Iron Formation			3% fine-grained, blebs po and 2% fine-grained, blebs py from 199.00 to 200.00 m
I590808	202.00	203.00	0.005	1/2 Core	TB12048097	Sulfide Iron Formation			3% fine-grained, blebs po and 2% fine-grained, blebs py from 202.00 to 203.00 m
I590809	205.00	206.00	0.003	1/2 Core	TB12048097	Sulfide Iron Formation			3% fine-grained, blebs po and 2% fine-grained, blebs py from 205.00 to 206.00 m
I590810	208.00	209.00	0.004	1/2 Core	TB12048097	Sulfide Iron Formation			3% fine-grained, blebs po and 2% fine-grained, blebs py from 208.00 to 209.00 m
I590811	209.00	210.00	0.005	1/2 Core	TB12048097	Sulfide Iron Formation			3% fine-grained, blebs po and 2% fine-grained, blebs py from 209.00 to 210.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590812	210.00	211.25	0.003	1/2 Core	TB12048097	Sulfide Iron Formation	Gradational contact at 211.25 m		3% fine-grained, blebs po and 2% fine-grained, blebs py from 210.00 to 211.25 m
I590813	211.25	212.00	0.012	1/2 Core	TB12048097	Oxide Iron Formation			3% fine-grained, blebs po from 211.25 to 212.00 m
I590814	212.00	213.00	0.005	1/2 Core	TB12048097	Oxide Iron Formation			3% fine-grained, blebs po from 212.00 to 213.00 m
I590815	213.00	213.82	0.005	1/2 Core	TB12048097	Oxide Iron Formation	Broken contact at 213.82 m		
I590816	213.82	215.00	0.006	1/2 Core	TB12048097	Dolostone			
I590817	217.00	218.00	0.005	1/2 Core	TB12048097	Dolostone	Sharp contact at 30 dtca at 218.00 m		
I590818	220.00	221.00	0.057	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 220.00 to 221.00 m
I590819	221.00	222.00	0.357	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 223.00 to 222.00 m
I590820	222.00	223.00	0.112	1/2 Core	TB12048097	Dolostone			1% fine-grained, stringer py from 222.00 to 223.00 m
I590821	223.00	224.00	0.043	1/2 Core	TB12048097	Dolostone			
I590822	226.00	227.00	0.004	1/2 Core	TB12048097	Dolostone			
I590823	229.00	230.00	0.004	1/2 Core	TB12048097	Dolostone			
I590824	231.00	232.00	0.010	1/2 Core	TB12048097	Dolostone	Sharp contact at 90 dtca at 231.51 m; Sharp contact at 70 dtca at 231.88 m		
I590825			<0.001	Blank	TB12048097	KBG-F2010			
I590826	232.00	233.00	0.002	1/2 Core	TB12048097	Dolostone			
I590827	235.00	236.00	0.032	1/2 Core	TB12048097	Dolostone			10% fine-grained, fracture fill py from 235.27 to 235.42 m
I590828	238.00	239.00	0.001	1/2 Core	TB12048097	Dolostone			
I590829	241.00	242.00	0.004	1/2 Core	TB12048097	Dolostone	Sharp contact at 15 dtca at 241.87 m		2% fine-grained, patchy py from 241.02 to 241.05 m; 0.5% fine-grained, disseminated py from 241.87 to 242.00 m
I590830	244.00	245.00	0.009	1/2 Core	TB12048097	Dolostone			2% fine-grained, stringer py from 244.00 to 244.35 m
I590831	247.00	248.00	0.002	1/2 Core	TB12048097	Dolostone			

Survey Data

Depth (m)	Azimuth	Dip	Test Type	Flag	Comments
0.00	216.0	-43.0	Compass	OK	
13.00	215.6	-43.1	Reflex	OK	Mag Field = 6003
52.00	218.9	-42.5	Reflex	OK	Mag Field = 5795
100.00	220.1	-40.8	Reflex	OK	Mag Field = 5790
151.00	220.3	-41.3	Reflex	OK	Mag Field = 5727
202.00	226.4	-39.9	Reflex	OK	Mag Field = 5744
250.00	230.6	-40.0	Reflex	OK	Mag Field = 5774

Core Recovery and Fractures

From	To	Recovery	Fractures
7.30	10.00	100.0%	999
10.00	13.00	99.0%	14
13.00	16.00	103.0%	999
16.00	19.00	96.7%	55
19.00	22.00	96.7%	40
22.00	25.00	101.7%	29
25.00	28.00	105.0%	42
28.00	31.00	97.7%	45
31.00	34.00	95.0%	35
34.00	37.00	108.3%	37
37.00	40.00	99.0%	33
40.00	43.00	99.3%	31
43.00	46.00	100.0%	46
46.00	49.00	97.7%	25
49.00	52.00	100.0%	21
52.00	55.00	100.0%	34
55.00	58.00	102.0%	10
58.00	61.00	98.0%	32
61.00	64.00	106.7%	30
64.00	67.00	99.3%	13
67.00	70.00	105.7%	40

From	To	Recovery	Fractures
70.00	73.00	100.0%	30
73.00	76.00	100.0%	21
76.00	79.00	103.3%	41
79.00	82.00	98.0%	19
82.00	85.00	105.0%	12
85.00	88.00	99.3%	15
88.00	91.00	98.3%	17
91.00	94.00	101.7%	999
94.00	97.00	99.3%	17
97.00	100.00	100.7%	19
100.00	103.00	98.0%	27
103.00	106.00	101.3%	999
106.00	109.00	105.3%	18
109.00	112.00	95.7%	34
112.00	115.00	99.0%	32
115.00	118.00	101.0%	8
118.00	121.00	99.3%	14
121.00	124.00	100.0%	8
124.00	127.00	97.7%	10
127.00	130.00	101.3%	13

From	To	Recovery	Fractures
130.00	133.00	100.0%	8
133.00	136.00	99.3%	5
136.00	139.00	100.0%	5
139.00	142.00	101.3%	7
142.00	145.00	99.7%	8
145.00	148.00	100.0%	6
148.00	151.00	100.0%	18
151.00	154.00	101.7%	15
154.00	157.00	100.0%	20
157.00	160.00	98.0%	9
160.00	163.00	97.7%	20
163.00	166.00	104.0%	14
166.00	169.00	101.7%	27
169.00	172.00	101.7%	14
172.00	175.00	102.3%	13
175.00	178.00	100.7%	13
178.00	181.00	100.0%	31
181.00	184.00	100.0%	39
184.00	187.00	98.7%	21
187.00	190.00	101.3%	14

From	To	Recovery	Fractures
190.00	193.00	99.7%	8
193.00	196.00	100.0%	7
196.00	199.00	102.0%	12
199.00	202.00	99.0%	6
202.00	205.00	98.3%	18
205.00	208.00	100.0%	18
208.00	211.00	105.0%	23
211.00	214.00	98.3%	6
214.00	217.00	100.0%	13
217.00	220.00	99.0%	14
220.00	223.00	101.7%	14
223.00	226.00	98.7%	13
226.00	229.00	99.3%	15
229.00	232.00	99.3%	13
232.00	235.00	99.7%	10
235.00	238.00	99.7%	8
238.00	241.00	97.7%	13
241.00	244.00	103.0%	15
244.00	247.00	98.7%	11
247.00	250.00	99.0%	12

Magnetic Susceptibility

Depth	Mag Sus
8	0.740
9	0.205
10	0.231
11	1.066
12	3.024
13	0.465
14	0.523
15	0.573
16	0.724
17	0.633
18	1.272
19	0.553
20	0.610
21	0.160
22	0.406
23	4.014
24	0.292
25	0.198
26	0.354
27	0.212
28	0.578
29	0.221
30	0.200
31	0.958
32	0.699
33	0.676
34	0.395

Depth	Mag Sus
35	12.908
36	0.650
37	0.311
38	0.344
39	0.289
40	0.870
41	0.824
42	0.436
43	0.820
44	0.495
45	0.231
46	0.572
47	0.197
48	9.426
49	0.290
50	0.144
51	0.144
52	0.184
53	2.256
54	0.225
55	4.683
56	0.394
57	7.960
58	2.716
59	0.288
60	0.417
61	0.222

Depth	Mag Sus
62	0.220
63	0.333
64	0.143
65	0.175
66	0.173
67	0.181
68	0.053
69	0.032
70	0.015
71	0.277
72	0.510
73	0.015
74	0.012
75	0.023
76	0.138
77	1.274
78	0.410
79	0.415
80	1.190
81	0.016
82	0.014
83	0.019
84	0.009
85	0.016
86	0.553
87	0.025
88	0.016

Depth	Mag Sus
89	0.013
90	0.482
91	0.014
92	0.025
93	0.039
94	0.151
95	0.604
96	0.144
97	0.662
98	0.173
99	0.113
100	0.018
101	0.270
102	0.288
103	0.266
104	0.334
105	1.030
106	0.195
107	0.262
108	0.181
109	0.193
110	0.288
111	0.248
112	0.210
113	0.205
114	0.246
115	0.179

Depth	Mag Sus
116	0.182
117	0.535
118	0.287
119	0.260
120	0.211
121	0.777
122	0.799
123	0.282
124	0.339
125	0.963
126	0.260
127	2.161
128	0.346
129	0.981
130	2.646
131	2.215
132	0.328
133	0.216
134	0.542
135	0.430
136	0.329
137	0.302
138	0.584
139	0.351
140	0.495
141	0.340
142	0.309

Depth	Mag Sus
143	0.359
144	0.300
145	0.351
146	5.111
147	0.348
148	0.348
149	0.400
150	0.776
151	9.923
152	0.494
153	0.900
154	0.948
155	0.271
156	0.286
157	1.770
158	0.562
159	0.324
160	0.421
161	0.615
162	4.720
163	5.065
164	5.150
165	2.943
166	12.091
167	146.243
168	82.751
169	39.031

Magnetic Susceptibility

Depth	Mag Sus
170	23.512
171	19.648
172	15.693
173	37.169
174	5.146
175	7.340
176	10.341
177	3.924
178	35.653
179	109.760
180	5.975
181	2.921
182	3.557
183	7.946
184	27.451
185	8.750
186	4.822
187	123.986
188	7.209
189	16.526
190	11.862
191	7.713
192	58.319
193	11.071
194	14.034
195	6.839
196	4.852

Depth	Mag Sus
197	4.719
198	4.690
199	2.702
200	2.637
201	2.767
202	3.904
203	2.107
204	1.716
205	3.878
206	6.314
207	53.782
208	12.861
209	5.379
210	3.130
211	1.325
212	3.880
213	3.676
214	0.418
215	1.435
216	0.746
217	0.544
218	7.016
219	0.736
220	0.420
221	0.397
222	0.444
223	0.340

Depth	Mag Sus
224	0.407
225	0.464
226	0.466
227	0.375
228	0.291
229	0.335
230	0.360
231	0.409
232	0.462
233	0.319
234	0.403
235	0.409
236	0.288
237	0.305
238	0.589
239	1.890
240	0.308
241	0.589
242	0.284
243	0.311
244	0.295
245	0.282
246	0.383
247	0.143
248	0.564
249	0.516
250	0.129

Detailed Drillhole Report – PB12-034

Hole Number: PB12-034

Project:	West Red Lake	Northing:	5654391	Hole Type:	Diamond Drill
Prospect:	Pancake Bay	Easting:	0413128	Hole Size:	NQ
Claim Number:	1234022	Elevation	369 m	Collar Survey:	Yes
Proposed Hole:	PB-04	Collar Azimuth:	210°	Downhole Survey:	Yes
Date Started:	Feb. 21, 2012.	Collar Dip:	-44°	Casing:	Capped
Date Completed:	Feb. 24, 2012.	Final Depth:	250 m	Drilling Contractor:	Vital Drilling
Logged by:	Sean Timpa	Length:	250 m	Core Storage:	GoldCorp Core Storage

Detailed Lithology

From	To	Lithology	Comments	Minor Lithology	Assay Data					
0.00	8.60	Casing	Overburden							
8.60	24.25	Siltstone	Medium hardness, very fine-grained, dark grey siltstone.							
		Structure				Sample	From	To	Length	Au
From	To	Structure		DTCA						
18.80	21.60	VN-QTZ			I590832	10.00	11.00	1.00	0.001	
24.25	24.25	CT	25		I590833	13.00	14.00	1.00	0.001	
					I590834	16.00	17.00	1.00	0.001	
					I590835	19.00	20.00	1.00	0.001	
					I590836	22.00	24.00	2.00	0.002	

24.25	35.70	Dolostone				Hard, medium-grained, very light grey dolostone. Reacts with HCl only when scratched. Cherty ankeritic dolostone.	33.94 - 34.06: Siltstone Medium hardness, very fine-grained, dark grey siltstone. 35.15 - 35.70: Siltstone Medium hardness, very fine-grained, dark grey siltstone.	Sample	From	To	Length	Au
		Structure						I590837	25.00	26.00	1.00	0.010
		From	To	Structure	DTCA			I590838	26.00	27.00	1.00	0.027
		26.20	26.60	VN-CCT	8			I590839	27.00	28.00	1.00	0.015
		26.20	26.60	VN-S	8			I590840	28.00	29.00	1.00	0.002
		33.57	33.66	VN-ANK	45			I590841	31.00	32.00	1.00	0.005
		33.94	33.94	CT	40			I590842	34.00	35.00	1.00	0.001
		34.06	34.06	CT								
		34.70	34.70	CT								
		35.15	35.15	CT								
35.70	35.70	CT										
35.70	45.83	Siltstone				Medium hardness, very fine-grained, dark grey siltstone.						
		Structure					I590843	37.00	38.00	1.00	0.001	
		From	To	Structure	DTCA		I590844	40.00	41.00	1.00	0.001	
		35.87	36.00	VN-QC	50		I590845	43.00	44.00	1.00	0.001	
		37.80	38.00	VN-QC								
		38.08	38.20	VN-QC								
		39.53	40.00	VN-QC								
41.15	41.74	VN-QC	5									
45.83	45.83	CT										
45.83	55.25	Dolostone				Hard, medium-grained, very light grey dolostone. Reacts with HCl only when scratched. Cherty ankeritic dolostone.	50.75 - 51.80: Siltstone Medium hardness, very fine-grained, dark grey siltstone.	I590846	46.00	47.00	1.00	0.003
		Structure						I590847	49.00	50.00	1.00	0.002
		From	To	Structure	DTCA			I590848	52.00	53.00	1.00	0.002
		50.75	50.75	CT	35							
		51.80	51.80	CT	65							
55.25	55.25	CT										

55.25	59.36	Siltstone				Medium hardness, very fine-grained, dark grey siltstone.	55.90 - 56.21: Dolostone Hard, medium-grained, very light grey dolostone. Reacts with HCl only when scratched.	Sample	From	To	Length	Au
		Structure						I590849	55.00	56.00	1.00	0.005
		From	To	Structure	DTCA			I590851	58.00	59.00	1.00	0.002
		55.25	55.90	FRAC								
		55.90	55.90	CT								
		56.21	56.21	CT	45							
		59.00	59.12	VN-QC								
		59.36	59.36	CT	45							
59.36	112.00	Dolostone				Hard, medium-grained, very light grey dolostone. Reacts with HCl only when scratched. Cherty ankeritic dolostone.	59.57 - 59.80: Siltstone Medium hardness, very fine-grained, dark grey siltstone. 95.34 - 95.75: Siltstone Medium hardness, very fine-grained, dark grey siltstone. 102.73 - 103.30: Siltstone Medium hardness, very fine-grained, dark grey siltstone. 105.40 - 108.64: Siltstone Medium hardness, very fine-grained, dark grey siltstone.	I590852	61.00	62.00	1.00	0.002
		Structure						I590853	64.00	65.00	1.00	0.003
		From	To	Structure	DTCA			I590854	67.00	68.00	1.00	0.019
		59.57	59.57	CT	70			I590855	70.00	71.00	1.00	0.017
		59.80	59.80	CT	45			I590856	73.00	74.00	1.00	0.001
		61.30	73.20	CT	45			I590857	76.00	77.00	1.00	0.001
		95.34	95.34	CT	45			I590858	79.00	80.00	1.00	0.001
		95.75	95.75	CT	65			I590859	82.00	83.00	1.00	0.001
		102.73	102.73	CT	40			I590860	85.00	86.00	1.00	0.002
		103.30	103.30	CT	50			I590861	88.00	89.00	1.00	0.002
		105.40	105.40	CT	70			I590862	91.00	92.00	1.00	0.004
		108.64	108.64	CT	70			I590863	94.00	95.00	1.00	0.005
		112.00	112.00	CT	65			I590864	97.00	98.00	1.00	0.006
								I590865	100.00	101.00	1.00	0.031
								I590866	103.00	104.00	1.00	0.003
								I590867	106.00	107.00	1.00	0.001
								I590868	109.00	110.00	1.00	0.001

112.00	113.86	Siltstone				Medium hardness, very fine-grained, very dark grey siltstone. Dark grey siltstone, possibly SIF with low graphite content and no sulfides.		Sample	From	To	Length	Au
		Structure						I590869	112.00	113.00	1.00	0.003
		From	To	Structure	DTCA			I590870	113.00	113.86	0.86	0.004
		113.86	113.86	CT								
113.86	171.50	Marble				Medium hardness, medium-grained, very light grey to dark grey marble. Reacts strongly with HCl. Marble, fizzes vigorously with HCl, with finely interbedded clay and silt sediments. Contains abundant magnetite over broad intervals.	<p>114.43 - 114.83: Sulfide Iron Formation Soft, very fine-grained, very dark grey sulfide iron formation. Wisps of py.</p> <p>118.60 - 119.70: Siltstone Medium hardness, very fine-grained, dark grey to medium brown siltstone. Wispy silica alteration.</p> <p>124.00 - 124.86: Aphyric Mafic Dyke Hard, fine-grained, dark grey aphyric mafic dyke.</p> <p>124.86 - 125.95: Siltstone Medium hardness, very fine-grained, dark grey siltstone.</p> <p>128.14 - 129.40: Siltstone Medium hardness, very fine-grained, dark grey siltstone.</p> <p>134.86 - 137.69: Sandstone Medium hardness, fine-grained, dark grey sandstone. Fine-grained wacke.</p> <p>141.53 - 141.74: Aphyric Mafic Dyke Hard, fine-grained, dark grey aphyric mafic dyke.</p>	I590871	113.86	114.43	0.57	0.005
		Structure						I590872	114.43	114.83	0.40	0.048
		From	To	Structure	DTCA			I590873	114.83	116.00	1.17	0.001
		113.86	124.00	BAND	45			I590874	116.00	117.00	1.00	0.001
		114.43	114.43	CT	45			I590876	117.00	118.00	1.00	0.001
		114.83	114.83	CT	50			I590877	118.00	118.60	0.60	0.002
		118.60	118.60	CT	45			I590878	118.60	119.70	1.10	0.002
		119.70	119.70	CT	60			I590879	119.70	121.00	1.30	0.005
		124.00	124.00	DYKE	55			I590880	121.00	122.00	1.00	0.003
		124.86	124.86	DYKE	65			I590881	122.00	123.00	1.00	0.001
		124.86	125.02	VN-QTZ				I590882	123.00	124.00	1.00	0.001
		125.34	125.39	VN-QTZ				I590883	124.00	124.86	0.86	0.002
		125.48	125.60	VN-QTZ				I590884	124.86	125.95	1.09	0.005
		125.95	125.95	CT	50			I590885	125.95	127.00	1.05	0.022
		128.14	128.14	CT	70			I590886	127.00	128.14	1.14	0.016
		129.40	129.40	CT	70			I590887	128.14	129.40	1.26	0.007
		130.00	135.20	BAND	45			I590888	129.40	131.00	1.60	0.021
		134.86	134.86	CT	50			I590889	131.00	132.00	1.00	0.055
		137.69	137.69	CT	70			I590890	132.00	133.00	1.00	0.011
		139.80	141.00	BAND	45			I590891	133.00	134.00	1.00	0.009
		141.53	141.53	DYKE	45			I590892	134.00	134.86	0.86	0.025
		141.74	141.74	DYKE	45			I590893	134.86	136.00	1.14	0.008
		144.36	144.36	CT	70			I590894	136.00	137.00	1.00	0.003
		144.92	144.92	CT	75			I590895	137.00	137.69	0.69	0.002
		146.20	146.20	CT	70			I590896	137.69	139.00	1.31	0.005
		146.70	146.70	CT	50							

Structure				DTCA			Sample	From	To	Length	Au
From	To	Structure	Sample				From	To	Length	Au	
156.50	156.50	CT	70		144.36 - 144.92: Siltstone Medium hardness, very fine-grained, dark grey siltstone.	I590897	139.00	140.00	1.00	0.004	
156.95	156.95	CT	75			I590898	140.00	141.00	1.00	0.004	
157.70	157.70	CT	75		146.20 - 146.70: Siltstone Medium hardness, very fine-grained, dark grey siltstone.	I590899	141.00	142.00	1.00	0.005	
158.14	158.14	CT	70			I590901	142.00	143.00	1.00	0.002	
161.27	161.27	CT	55			I590902	143.00	144.00	1.00	0.003	
163.75	163.75	CT			156.50 - 156.95: Siltstone Medium hardness, very fine-grained, dark grey siltstone.	I590903	144.00	144.92	0.92	0.006	
166.77	167.59	VN-QC				I590904	144.92	146.20	1.28	0.023	
167.59	167.59	CT				I590905	146.20	146.70	0.50	0.002	
168.66	168.66	CT	60		157.70 - 158.14: Sulfide Iron Formation Medium hardness, very fine-grained, dark grey sulfide iron formation.	I590906	146.70	148.00	1.30	0.009	
169.30	169.30	CT	90			I590907	148.00	149.00	1.00	0.010	
169.80	169.80	CT	45			I590908	149.00	150.00	1.00	0.003	
171.05	171.05	CT			161.27 - 163.75: Sulfide Iron Formation Soft, very fine-grained, black sulfide iron formation.	I590909	150.00	151.00	1.00	0.010	
171.50	171.50	CT	25			I590910	151.00	152.00	1.00	0.003	
						I590911	152.00	153.00	1.00	0.005	
					166.77 - 167.59: Quartz- Carbonate Vein Very hard, very fine-grained, medium grey quartz-carbonate vein. Irregular qtz vein with chloritic blebs.	I590912	153.00	154.00	1.00	0.005	
						I590913	154.00	155.00	1.00	0.002	
						I590914	155.00	156.50	1.50	0.006	
						I590915	156.50	157.70	1.20	0.005	
						I590916	157.70	159.00	1.30	0.002	
					167.59 - 168.66: Chert Very hard, very fine-grained, medium grey to medium brown chert. Dirty chert to siliceous mudstone.	I590917	159.00	160.00	1.00	0.005	
						I590918	160.00	161.27	1.27	0.006	
						I590919	161.27	162.00	0.73	0.009	
						I590920	162.00	163.00	1.00	0.032	
						I590921	163.00	163.75	0.75	0.016	
						I590922	163.75	164.70	0.95	0.007	
						I590923	164.70	166.00	1.30	0.001	
						I590924	166.00	166.77	0.77	0.002	
						I590926	166.77	167.61	0.84	0.007	

220.72	250.00	Talcosite Ultramafics				Soft, medium-grained, dark grey talcosite ultramafics. Strongly magnetic. Highly magnetic, better than some BIF in this hole. Numerous fine carbonate veins. Slightly harder than typical for talc.	229.00 - 229.18: Aphyric Mafic Dyke Medium hardness, fine-grained, dark green aphyric mafic dyke. Thin mafic dyke with prominent chilled margins. 239.43 - 240.30: Basalt Medium hardness, very fine-grained, dark green basalt.	Sample	From	To	Length	Au
		229.00	229.00	CT	70			I590954	223.00	224.00	1.00	0.002
		229.18	229.18	CT	80			I590955	226.00	227.00	1.00	0.001
		229.95	230.10	FT	65			I590956	229.00	229.90	0.90	<0.001
		230.10	231.30	FT	70			I590957	229.90	230.55	0.65	0.001
		239.43	239.43	CT				I590958	230.55	232.00	1.45	0.001
		240.25	240.85	FT	70			I590959	232.00	233.00	1.00	0.001
		240.30	240.30	CT				I590960	235.00	236.00	1.00	0.001
								I590961	238.00	239.43	1.43	0.002
								I590962	239.43	240.30	0.87	0.002
				I590963	240.30	241.00	0.70	0.001				
				I590964	241.00	242.00	1.00	0.001				
				I590965	244.00	245.00	1.00	0.011				
				I590966	247.00	248.00	1.00	0.001				

Samples

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590832	10.00	11.00	0.001	1/2 Core	TB12050241	Siltstone			
I590833	13.00	14.00	0.001	1/2 Core	TB12050241	Siltstone			
I590834	16.00	17.00	0.001	1/2 Core	TB12050241	Siltstone			
I590835	19.00	20.00	0.001	1/2 Core	TB12050241	Siltstone	Quartz vein from 19.00 to 20.00 m		
I590836	22.00	24.00	0.002	1/2 Core	TB12050241	Siltstone			
I590837	25.00	26.00	0.010	1/2 Core	TB12050241	Dolostone			15% fine-grained, vein py from 25.60 to 26.00 m
I590838	26.00	27.00	0.027	1/2 Core	TB12050241	Dolostone	Calcite vein at 8 dtca from 26.20 to 26.60 m; Sulfide vein at 8 dtca from 26.20 to 26.60 m		15% fine-grained, vein py from 26.00 to 26.65 m; 3% fine-grained, stringer py from 26.65 to 27.00 m
I590839	27.00	28.00	0.015	1/2 Core	TB12050241	Dolostone			3% fine-grained, stringer py from 27.00 to 28.00 m
I590840	28.00	29.00	0.002	1/2 Core	TB12050241	Dolostone			3% fine-grained, stringer py from 28.00 to 29.00 m
I590841	31.00	32.00	0.005	1/2 Core	TB12050241	Dolostone			
I590842	34.00	35.00	0.001	1/2 Core	TB12050241	Dolostone	Sharp contact at 40 dtca at 34.06 m; Irregular contact at 34.70 m		
I590843	37.00	38.00	0.001	1/2 Core	TB12050241	Siltstone	Quartz-carbonate vein from 37.80 to 38.00 m		
I590844	40.00	41.00	0.001	1/2 Core	TB12050241	Siltstone			
I590845	43.00	44.00	0.001	1/2 Core	TB12050241	Siltstone			
I590846	46.00	47.00	0.003	1/2 Core	TB12050241	Dolostone			
I590847	49.00	50.00	0.002	1/2 Core	TB12050241	Dolostone			
I590848	52.00	53.00	0.002	1/2 Core	TB12050241	Dolostone			
I590849	55.00	56.00	0.005	1/2 Core	TB12050241	Siltstone	Sharp contact at 65 dtca at 55.25 m; Fracture zone from 55.25 to 55.90 m; Gradational contact at 55.90 m		
I590850			2.160	Reference Material	TB12050241	OREAS 67a			
I590851	58.00	59.00	0.002	1/2 Core	TB12050241	Siltstone			
I590852	61.00	62.00	0.002	1/2 Core	TB12050241	Dolostone	Shear at 45 dtca from 61.30 to 62.00 m		
I590853	64.00	65.00	0.003	1/2 Core	TB12050241	Dolostone	Shear at 45 dtca from 64.00 to 65.00 m		3% fine-grained, stringer py from 64.62 to 65.00 m
I590854	67.00	68.00	0.019	1/2 Core	TB12050241	Dolostone	Shear at 45 dtca from 67.00 to 68.00 m		3% fine-grained, stringer py from 67.00 to 67.10 m
I590855	70.00	71.00	0.017	1/2 Core	TB12050241	Dolostone	Shear at 45 dtca from 70.00 to 71.00 m		

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590856	73.00	74.00	0.001	1/2 Core	TB12050241	Dolostone	Shear at 45 dtca from 73.00 to 73.20 m		
I590857	76.00	77.00	0.001	1/2 Core	TB12050241	Dolostone			
I590858	79.00	80.00	0.001	1/2 Core	TB12050241	Dolostone			
I590859	82.00	83.00	0.001	1/2 Core	TB12050241	Dolostone			
I590860	85.00	86.00	0.002	1/2 Core	TB12050241	Dolostone			
I590861	88.00	89.00	0.002	1/2 Core	TB12050241	Dolostone			
I590862	91.00	92.00	0.004	1/2 Core	TB12050241	Dolostone			
I590863	94.00	95.00	0.005	1/2 Core	TB12050241	Dolostone			
I590864	97.00	98.00	0.006	1/2 Core	TB12050241	Dolostone			0.5% fine-grained, stringer py from 97.00 to 98.00 m
I590865	100.00	101.00	0.031	1/2 Core	TB12050241	Dolostone			0.5% fine-grained, vein py from 100.88 to 101.00 m
I590866	103.00	104.00	0.003	1/2 Core	TB12050241	Dolostone	Sharp contact at 50 dtca at 103.30 m		
I590867	106.00	107.00	0.001	1/2 Core	TB12050241	Siltstone			
I590868	109.00	110.00	0.001	1/2 Core	TB12050241	Dolostone			
I590869	112.00	113.00	0.003	1/2 Core	TB12050241	Siltstone	Sharp contact at 65 dtca at 112.00 m		
I590870	113.00	113.86	0.004	1/2 Core	TB12050241	Siltstone	Broken contact at 113.86 m		
I590871	113.86	114.43	0.005	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 113.86 to 114.43 m; Sharp contact at 45 dtca at 114.43 m		
I590872	114.43	114.83	0.048	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 114.43 to 114.83 m; Sharp contact at 50 dtca at 114.83 m		3% fine-grained, stringer py from 114.43 to 114.83 m
I590873	114.83	116.00	0.001	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 114.83 to 126.00 m		
I590874	116.00	117.00	0.001	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 116.00 to 117.00 m		
I590875			0.002	Blank	TB12050241	KBG-F2010			
I590876	117.00	118.00	0.001	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 117.00 to 118.00 m		
I590877	118.00	118.60	0.002	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 118.00 to 118.60 m; Sharp contact at 45 dtca at 118.60 m		
I590878	118.60	119.70	0.002	1/2 Core	TB12050241	Siltstone	Banding at 45 dtca from 118.60 to 119.70 m; Sharp contact at 60 dtca at 119.70 m	Weak banded silica from 118.60 to 119.70 m	
I590879	119.70	121.00	0.005	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 119.70 to 121.00 m		25% fine-grained, vein py from 119.96 to 120.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590880	121.00	122.00	0.003	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 121.00 to 122.00 m		
I590881	122.00	123.00	0.001	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 122.00 to 123.00 m		
I590882	123.00	124.00	0.001	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 123.00 to 124.00 m; Dyke at 55 dtca at 124.00 m		
I590883	124.00	124.86	0.002	1/2 Core	TB12050241	Aphyric Mafic Dyke	Dyke at 65 dtca at 124.86 m		
I590884	124.86	125.95	0.005	1/2 Core	TB12050241	Siltstone	Quartz vein from 124.86 to 125.02 m; Quartz vein from 125.34 to 125.39 m; Quartz vein from 125.48 to 125.60 m; Sharp contact at 50 dtca at 125.95 m		0.1% fine-grained, trace py from 124.86 to 125.00 m; fine-grained, bedded mt from 125.00 to 125.95 m
I590885	125.95	127.00	0.022	1/2 Core	TB12050241	Marble			fine-grained, bedded mt from 125.95 to 126.55 m; fine-grained, bedded mt and 0.1% fine-grained, patchy po from 126.55 to 127.00 m
I590886	127.00	128.14	0.016	1/2 Core	TB12050241	Marble	Sharp contact at 70 dtca at 128.14 m		fine-grained, bedded mt and 0.1% fine-grained, patchy po from 127.00 to 127.30 m; fine-grained, bedded mt from 127.30 to 127.82 m; fine-grained, bedded mt and 0.2% fine-grained, vein py from 127.82 to 127.87 m; 5% fine-grained, vein po from 128.08 to 128.14 m
I590887	128.14	129.40	0.007	1/2 Core	TB12050241	Siltstone	Sharp contact at 70 dtca at 129.40 m		
I590888	129.40	131.00	0.021	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 130.00 to 131.00 m		fine-grained, bedded mt and 3% fine-grained, patchy po from 129.78 to 131.00 m
I590889	131.00	132.00	0.055	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 131.00 to 132.00 m		fine-grained, bedded mt and 3% fine-grained, patchy po from 131.00 to 132.00 m
I590890	132.00	133.00	0.011	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 132.00 to 133.00 m		fine-grained, bedded mt and 3% fine-grained, patchy po from 132.00 to 133.00 m
I590891	133.00	134.00	0.009	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 133.00 to 134.00 m		fine-grained, bedded mt and 3% fine-grained, patchy po from 133.00 to 134.00 m
I590892	134.00	134.86	0.025	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 134.00 to 134.86 m; Sharp contact at 50 dtca at 134.86 m		fine-grained, bedded mt and 3% fine-grained, patchy po from 134.00 to 134.86 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590893	134.86	136.00	0.008	1/2 Core	TB12050241	Sandstone	Banding at 45 dtca from 134.86 to 135.20 m		
I590894	136.00	137.00	0.003	1/2 Core	TB12050241	Sandstone			
I590895	137.00	137.69	0.002	1/2 Core	TB12050241	Sandstone	Sharp contact at 70 dtca at 137.69 m		
I590896	137.69	139.00	0.005	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 2% fine-grained, patchy py from 137.69 to 139.00 m
I590897	139.00	140.00	0.004	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 139.80 to 140.00 m		fine-grained, bedded mt and 2% fine-grained, patchy py from 139.00 to 140.00 m
I590898	140.00	141.00	0.004	1/2 Core	TB12050241	Marble	Banding at 45 dtca from 140.00 to 141.00 m		fine-grained, bedded mt and 2% fine-grained, patchy py from 140.00 to 141.00 m
I590899	141.00	142.00	0.005	1/2 Core	TB12050241	Marble	Dyke at 45 dtca at 141.53 m; Dyke at 45 dtca at 141.74 m		fine-grained, bedded mt and 2% fine-grained, patchy py from 141.00 to 141.70 m
I590900			3.760	Reference Material	TB12050241	OREAS 68a			
I590901	142.00	143.00	0.002	1/2 Core	TB12050241	Marble			
I590902	143.00	144.00	0.003	1/2 Core	TB12050241	Marble			fine-grained, bedded mt from 143.09 to 143.29 m
I590903	144.00	144.92	0.006	1/2 Core	TB12050241	Siltstone	Sharp contact at 70 dtca at 144.36 m; Sharp contact at 75 dtca at 144.92 m		
I590904	144.92	146.20	0.023	1/2 Core	TB12050241	Marble	Sharp contact at 70 dtca at 146.20 m		fine-grained, bedded mt, 1% fine-grained, stringer py and 1% fine-grained, stringer po from 145.17 to 146.20 m
I590905	146.20	146.70	0.002	1/2 Core	TB12050241	Siltstone	Sharp contact at 50 dtca at 146.70 m		
I590906	146.70	148.00	0.009	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 5% fine-grained, stringer po from 146.70 to 156.50 m
I590907	148.00	149.00	0.010	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 5% fine-grained, stringer po from 148.00 to 149.00 m
I590908	149.00	150.00	0.003	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 5% fine-grained, stringer po from 148.00 to 150.00 m
I590909	150.00	151.00	0.010	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 5% fine-grained, stringer po from 150.00 to 151.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590910	151.00	152.00	0.003	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 5% fine-grained, stringer po from 151.00 to 152.00 m
I590911	152.00	153.00	0.005	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 5% fine-grained, stringer po from 152.00 to 153.00 m
I590912	153.00	154.00	0.005	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 5% fine-grained, stringer po from 153.00 to 154.00 m
I590913	154.00	155.00	0.002	1/2 Core	TB12050241	Marble			fine-grained, bedded mt and 5% fine-grained, stringer po from 154.00 to 155.00 m
I590914	155.00	156.50	0.006	1/2 Core	TB12050241	Marble	Sharp contact at 70 dtca at 156.50 m		fine-grained, bedded mt and 5% fine-grained, stringer po from 155.00 to 156.50 m
I590915	156.50	157.70	0.005	1/2 Core	TB12050241	Marble	Sharp contact at 75 dtca at 156.95 m		0.5% fine-grained, fracture fill po from 156.50 to 156.95 m; fine-grained, bedded mt and 5% fine-grained, stringer po from 156.95 to 157.70 m
I590916	157.70	159.00	0.002	1/2 Core	TB12050241	Marble	Sharp contact at 75 dtca at 157.70 m; Sharp contact at 70 dtca at 158.14 m		1% fine-grained, blebs py and 1% fine-grained, blebs po from 157.70 to 158.14 m; fine-grained, bedded mt, 1% fine-grained, stringer po and 0.5% fine-grained, stringer py from 158.14 to 159.00 m
I590917	159.00	160.00	0.005	1/2 Core	TB12050241	Marble			fine-grained, bedded mt, 1% fine-grained, stringer po and 0.5% fine-grained, stringer py from 159.00 to 160.00 m
I590918	160.00	161.27	0.006	1/2 Core	TB12050241	Marble	Sharp contact at 55 dtca at 161.27 m		fine-grained, bedded mt, 1% fine-grained, stringer po and 0.5% fine-grained, stringer py from 160.00 to 161.27 m
I590919	161.27	162.00	0.009	1/2 Core	TB12050241	Sulfide Iron Formation			0.5% fine-grained, bedded py from 161.27 to 162.00 m
I590920	162.00	163.00	0.032	1/2 Core	TB12050241	Sulfide Iron Formation			0.5% fine-grained, bedded py from 162.00 to 163.00 m
I590921	163.00	163.75	0.016	1/2 Core	TB12050241	Sulfide Iron Formation	Irregular contact at 163.75 m		0.5% fine-grained, bedded py from 163.00 to 163.75 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590922	163.75	164.70	0.007	1/2 Core	TB12050241	Marble			0.1% fine-grained, trace py from 163.75 to 164.70 m
I590923	164.70	166.00	0.001	1/2 Core	TB12050241	Marble			0.1% fine-grained, trace py from 164.70 to 166.00 m
I590924	166.00	166.77	0.002	1/2 Core	TB12050241	Marble			0.1% fine-grained, trace py from 166.00 to 166.77 m
I590925			<0.001	Blank	TB12050241	KBG-F2010			
I590926	166.77	167.61	0.007	1/2 Core	TB12050241	Quartz-Carbonate Vein	Quartz-carbonate vein from 166.77 to 167.59 m; Irregular contact at 167.59 m		0.1% fine-grained, trace py from 166.77 to 167.61 m
I590927	167.61	168.66	0.004	1/2 Core	TB12050241	Chert	Sharp contact at 60 dtca at 168.66 m		0.1% fine-grained, trace py from 167.61 to 168.66 m
I590928	168.66	169.31	0.003	1/2 Core	TB12050241	Marble	Sharp contact at 90 dtca at 169.30 m		0.1% fine-grained, trace py from 168.66 to 169.31 m
I590929	169.31	169.80	0.002	1/2 Core	TB12050241	Chert	Sharp contact at 45 dtca at 169.80 m		0.1% fine-grained, trace py from 169.31 to 169.80 m
I590930	169.80	171.05	0.001	1/2 Core	TB12050241	Dolostone	Gradational contact at 171.05 m		0.1% fine-grained, trace py from 169.80 to 171.05 m
I590931	171.05	171.50	0.005	1/2 Core	TB12050241	Marble	Sharp contact at 25 dtca at 171.50 m		0.1% fine-grained, trace py from 171.05 to 171.50 m
I590932	171.50	172.00	0.012	1/2 Core	TB12050241	Mudstone			0.5% fine-grained, scattered py from 171.50 to 172.00 m
I590933	172.00	173.00	0.007	1/2 Core	TB12050241	Mudstone	Sharp contact at 60 dtca at 172.60 m; Sharp contact at 50 dtca at 172.84 m		0.5% fine-grained, scattered py from 172.00 to 173.00 m
I590934	175.00	176.00	0.010	1/2 Core	TB12050241	Mudstone			0.5% fine-grained, scattered py from 175.00 to 176.00 m
I590935	178.00	179.00	0.007	1/2 Core	TB12050241	Mudstone			0.5% fine-grained, scattered py from 178.00 to 179.00 m
I590936	181.00	182.00	0.010	1/2 Core	TB12050241	Mudstone			0.5% fine-grained, scattered py from 181.00 to 182.00 m
I590937	184.00	185.00	0.011	1/2 Core	TB12050241	Mudstone			0.5% fine-grained, scattered py from 184.00 to 185.00 m
I590938	187.00	188.00	0.009	1/2 Core	TB12050241	Mudstone			0.5% fine-grained, scattered py from 187.00 to 188.00 m
I590939	190.00	190.63	0.003	1/2 Core	TB12050241	Mudstone			0.5% fine-grained, scattered py from 190.00 to 190.63 m
I590940	193.00	194.00	0.002	1/2 Core	TB12050241	Sandstone			
I590941	196.00	197.00	0.001	1/2 Core	TB12050241	Sandstone			
I590942	199.00	200.00	0.002	1/2 Core	TB12050241	Sandstone			

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590943	202.00	203.00	0.002	1/2 Core	TB12050241	Sandstone		Moderate pervasive silica from 202.85 to 202.95 m	
I590944	205.00	206.00	0.002	1/2 Core	TB12050241	Basalt		Moderate pervasive silica from 205.15 to 205.45 m; Strong pervasive silica from 205.67 to 206.00 m	
I590945	208.00	209.00	0.006	1/2 Core	TB12050241	Basalt			
I590946	211.00	212.00	0.004	1/2 Core	TB12050241	Basalt			
I590947	214.00	215.00	0.014	1/2 Core	TB12050241	Basalt			
I590948	217.00	218.00	0.068	1/2 Core	TB12050241	Basalt			
I590949	218.00	218.70	0.060	1/2 Core	TB12050241	Basalt			
I590950			2.130	Reference Material	TB12050241	OREAS 67a			
I590951	218.70	219.30	0.008	1/2 Core	TB12050241	Carbonate Vein	Calcite vein from 218.80 to 219.15 m		
I590952	219.30	220.00	0.004	1/2 Core	TB12050241	Basalt			
I590953	220.00	220.72	0.002	1/2 Core	TB12050241	Basalt	Sharp contact at 40 dtca at 220.72 m		
I590954	223.00	224.00	0.002	1/2 Core	TB12050241	Talcose Ultramafics			
I590955	226.00	227.00	0.001	1/2 Core	TB12050241	Talcose Ultramafics			
I590956	229.00	229.90	<0.001	1/2 Core	TB12050241	Talcose Ultramafics	Chilled margin at 70 dtca at 229.00 m; Chilled margin at 80 dtca at 229.18 m		
I590957	229.90	230.55	0.001	1/2 Core	TB12050241	Talcose Ultramafics	Fault at 65 dtca from 229.95 to 230.10 m; Fault at 70 dtca from 230.10 to 230.55 m		
I590958	230.55	232.00	0.001	1/2 Core	TB12050241	Talcose Ultramafics	Fault at 70 dtca from 230.55 to 231.30 m		
I590959	232.00	233.00	0.001	1/2 Core	TB12050241	Talcose Ultramafics			
I590960	235.00	236.00	0.001	1/2 Core	TB12050241	Talcose Ultramafics			
I590961	238.00	239.43	0.002	1/2 Core	TB12050241	Talcose Ultramafics	Gradational contact at 239.43 m		
I590962	239.43	240.30	0.002	1/2 Core	TB12050241	Basalt	Fault at 70 dtca from 240.25 to 240.30 m; Gradational contact at 240.30 m		
I590963	240.30	241.00	0.001	1/2 Core	TB12050241	Talcose Ultramafics	Fault at 70 dtca from 240.30 to 240.85 m		
I590964	241.00	242.00	0.001	1/2 Core	TB12050241	Talcose Ultramafics			
I590965	244.00	245.00	0.011	1/2 Core	TB12050241	Talcose Ultramafics			
I590966	247.00	248.00	0.001	1/2 Core	TB12050241	Talcose Ultramafics			

Survey Data

Depth (m)	Azimuth	Dip	Test Type	Flag	Comments
0.00	210.0	-44.0	Compass	OK	
16.00	209.6	-43.7	Reflex	OK	Mag Field = 6035
52.00	211.9	-43.7	Reflex	OK	Mag Field = 5797
100.00	215.6	-43.3	Reflex	OK	Mag Field = 5782
151.00	204.4	-42.7	Reflex	Warning	Mag Field = 6438
202.00	216.7	-42.5	Reflex	OK	Mag Field = 5782
250.00	224.8	-41.9	Reflex	OK	Mag Field = 5733

Core Recovery and Fractures

From	To	Recovery	Fractures
10.00	13.00	100.0%	16
13.00	16.00	102.7%	15
16.00	19.00	92.3%	20
19.00	22.00	106.0%	29
22.00	25.00	100.7%	24
25.00	28.00	100.0%	9
28.00	31.00	100.0%	7
31.00	34.00	98.7%	9
34.00	37.00	100.7%	17
37.00	40.00	101.0%	16
40.00	43.00	100.0%	14
43.00	46.00	101.7%	23
46.00	49.00	100.0%	11
49.00	52.00	100.0%	17
52.00	55.00	99.3%	7
55.00	58.00	103.3%	68
58.00	61.00	98.7%	18
61.00	64.00	104.3%	25
64.00	67.00	100.0%	16
67.00	70.00	99.3%	13

From	To	Recovery	Fractures
70.00	73.00	103.3%	26
73.00	76.00	98.7%	2
76.00	79.00	100.3%	10
79.00	82.00	100.3%	11
82.00	85.00	101.3%	10
85.00	88.00	100.0%	12
88.00	91.00	99.0%	11
91.00	94.00	100.0%	15
94.00	97.00	100.0%	9
97.00	100.00	101.7%	18
100.00	103.00	95.0%	17
103.00	106.00	99.0%	999
106.00	109.00	88.7%	999
109.00	112.00	103.3%	42
112.00	115.00	110.0%	16
115.00	118.00	99.3%	11
118.00	121.00	100.0%	13
121.00	124.00	100.0%	11
124.00	127.00	100.0%	16
127.00	130.00	96.7%	9

From	To	Recovery	Fractures
130.00	133.00	100.0%	14
133.00	136.00	100.0%	15
136.00	139.00	99.3%	13
139.00	142.00	100.0%	18
142.00	145.00	100.0%	19
145.00	148.00	101.0%	10
148.00	151.00	100.0%	10
151.00	154.00	100.0%	8
154.00	157.00	100.0%	6
157.00	160.00	98.7%	12
160.00	163.00	98.3%	18
163.00	166.00	100.0%	15
166.00	169.00	100.0%	19
169.00	172.00	103.3%	28
172.00	175.00	100.7%	20
175.00	178.00	98.0%	12
178.00	181.00	99.0%	17
181.00	184.00	100.3%	7
184.00	187.00	97.3%	16
187.00	190.00	99.3%	11

From	To	Recovery	Fractures
190.00	193.00	101.0%	20
193.00	196.00	98.7%	22
196.00	199.00	99.0%	23
199.00	202.00	99.3%	18
202.00	205.00	101.0%	17
205.00	208.00	101.7%	9
208.00	211.00	98.3%	15
211.00	214.00	101.7%	24
214.00	217.00	100.0%	25
217.00	220.00	98.3%	13
220.00	223.00	101.7%	15
223.00	226.00	99.3%	7
226.00	229.00	102.0%	9
229.00	232.00	96.7%	999
232.00	235.00	101.0%	8
235.00	238.00	96.3%	8
238.00	241.00	103.3%	40
241.00	244.00	101.7%	13
244.00	247.00	101.0%	15
247.00	250.00	97.3%	8

Magnetic Susceptibility

Depth	Mag Sus
9	0.252
10	0.302
11	0.186
12	0.223
13	0.202
14	0.187
15	0.184
16	0.199
17	0.173
18	0.266
19	0.240
20	0.480
21	0.580
22	1.416
23	0.254
24	0.800
25	0.127
26	5.829
27	6.704
28	8.838
29	1.401
30	3.555
31	0.363
32	0.182
33	0.141
34	0.418
35	0.182

Depth	Mag Sus
36	0.173
37	0.196
38	0.252
39	0.216
40	0.130
41	0.203
42	0.186
43	0.227
44	0.207
45	1.351
46	0.163
47	0.130
48	0.594
49	0.155
50	0.163
51	0.300
52	0.034
53	0.318
54	0.129
55	0.235
56	0.251
57	0.757
58	0.665
59	0.700
60	0.409
61	0.691
62	0.388

Depth	Mag Sus
63	0.513
64	0.282
65	2.983
66	1.725
67	1.810
68	0.018
69	0.102
70	0.138
71	0.143
72	0.667
73	0.158
74	0.117
75	0.614
76	0.212
77	1.492
78	0.367
79	0.191
80	0.122
81	0.165
82	0.229
83	0.434
84	1.079
85	0.760
86	0.240
87	0.237
88	0.124
89	0.566

Depth	Mag Sus
90	0.547
91	0.117
92	0.293
93	0.469
94	0.366
95	2.423
96	0.334
97	0.279
98	0.190
99	2.262
100	0.211
101	0.262
102	1.731
103	0.236
104	0.689
105	0.277
106	0.206
107	0.200
108	0.582
109	0.717
110	1.325
111	0.306
112	0.971
113	0.115
114	0.217
115	0.306
116	0.126

Depth	Mag Sus
117	0.387
118	0.709
119	2.774
120	5.322
121	1.941
122	0.404
123	0.690
124	0.306
125	4.310
126	7.171
127	304.224
128	5.416
129	2.133
130	30.401
131	188.424
132	3.182
133	21.766
134	519.926
135	1.676
136	1.733
137	0.695
138	1.070
139	5.185
140	4.916
141	9.490
142	6.131
143	0.657

Depth	Mag Sus
144	6.812
145	0.279
146	48.568
147	2.389
148	0.966
149	17.617
150	5.386
151	12.287
152	5.698
153	8.216
154	44.204
155	0.237
156	3.536
157	2.423
158	10.304
159	4.965
160	24.123
161	7.127
162	1.907
163	1.295
164	0.185
165	0.230
166	0.387
167	0.387
168	0.420
169	1.324
170	0.385

Magnetic Susceptibility

Depth	Mag Sus
171	0.727
172	0.440
173	5.485
174	4.656
175	3.954
176	0.268
177	3.315
178	7.276
179	1.663
180	2.832
181	4.963
182	5.608
183	7.211
184	8.684
185	4.453
186	3.934
187	6.775
188	3.158
189	2.085
190	3.054
191	0.997
192	1.480
193	0.861
194	0.339
195	2.222
196	3.822
197	1.534

Depth	Mag Sus
198	2.446
199	0.209
200	0.848
201	0.784
202	2.375
203	1.812
204	4.728
205	0.318
206	1.656
207	0.818
208	0.852
209	0.919
210	1.076
211	0.799
212	0.789
213	0.944
214	1.342
215	1.158
216	9.193
217	1.053
218	1.195
219	0.888
220	12.866
221	38.838
222	137.721
223	106.246
224	111.950

Depth	Mag Sus
225	128.935
226	110.817
227	109.506
228	160.073
229	5.146
230	83.853
231	136.279
232	107.752
233	74.430
234	103.340
235	83.562
236	108.548
237	153.023
238	101.537
239	107.537
240	7.414
241	117.798
242	135.422
243	62.518
244	87.001
245	70.864
246	90.334
247	81.457
248	87.133
249	66.733
250	81.095

Detailed Drillhole Report – PB12-035

Hole Number: PB12-035

Project:	West Red Lake	Northing:	5654352	Hole Type:	Diamond Drill
Prospect:	Pancake Bay	Easting:	0412845	Hole Size:	NQ
Claim Number:	1234022	Elevation	359 m	Collar Survey:	Yes
Proposed Hole:	PB-02	Collar Azimuth:	214°	Downhole Survey:	Yes
Date Started:	Feb. 24, 2012.	Collar Dip:	-40°	Casing:	Capped
Date Completed:	March 3, 2012.	Final Depth:	286 m	Drilling Contractor:	Vital Drilling
Logged by:	Sean Timpa	Length:	286 m	Core Storage:	GoldCorp Core Storage

Detailed Lithology

From	To	Lithology	Comments	Minor Lithology	Assay Data											
0.00	21.90	Casing	Overburden													
21.90	40.55	Marble	Hard, medium-grained, light grey to dark grey marble. Reacts strongly with HCl, strongly magnetic. Magnetite-bearing marble with wisps of interbedded sediment.		Sample	From	To	Length	Au							
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Structure</th> <th style="width: 25%;">From</th> <th style="width: 25%;">To</th> <th style="width: 25%;">DTCA</th> </tr> </thead> <tbody> <tr> <td></td> <td>40.55</td> <td>40.55</td> <td>CT 60</td> </tr> </tbody> </table>		Structure	From	To	DTCA		40.55	40.55	CT 60		I590967	21.90	23.00	1.10
Structure	From	To	DTCA													
	40.55	40.55	CT 60													
					I590968	23.00	24.00	1.00	0.002							
					I590969	24.00	25.00	1.00	0.001							
					I590970	25.00	26.00	1.00	0.007							
					I590971	26.00	27.00	1.00	0.004							
					I590972	27.00	28.00	1.00	0.002							
					I590973	28.00	29.00	1.00	0.002							
					I590974	29.00	30.00	1.00	0.001							
					I590976	30.00	31.00	1.00	0.007							
					I590977	31.00	32.00	1.00	0.003							
					I590978	32.00	33.00	1.00	0.001							
					I590979	33.00	34.00	1.00	0.006							
					I590980	34.00	35.00	1.00	0.006							

					Sample	From	To	Length	Au
					I590981	35.00	36.00	1.00	0.003
					I590982	36.00	37.00	1.00	<0.001
					I590983	37.00	37.60	0.60	0.007
					I590984	37.60	38.55	0.95	<0.001
					I590985	38.55	39.07	0.52	0.007
					I590986	39.07	40.00	0.93	0.001
					I590987	40.00	40.55	0.55	0.002
40.55	47.82	Siltstone	Medium hardness, fine-grained, dark grey siltstone. Coarser-grained near upper contact grading to very fine silt over 1-2 m.		I590988	40.55	42.00	1.45	0.004
		Structure			I590989	42.00	43.00	1.00	0.002
		From	To	Structure	DTCA	I590990	43.00	44.00	1.00
		47.82	47.82	CT	60	I590991	46.00	47.00	1.00
						I590992	47.00	47.82	0.82
47.82	49.44	Marble	Hard, medium-grained, light grey to dark grey marble. Reacts strongly with HCl, strongly magnetic. Magnetite-bearing marble with wisps of interbedded sediment.		I590993	47.82	49.00	1.18	0.014
		Structure			I590994	49.00	49.44	0.44	0.002
		From	To	Structure	DTCA				
		49.44	49.44	CT	65				
49.44	52.04	Siltstone	Medium hardness, very fine-grained, dark grey siltstone.		I590995	49.44	51.00	1.56	<0.001
		Structure			I590996	51.00	52.00	1.00	0.001
		From	To	Structure	DTCA				
		52.04	52.04	CT	40				

66.83	74.70	Marble				Hard, medium-grained, light grey to dark grey marble. Reacts strongly with HCl.			Sample	From	To	Length	Au
		Structure							I591010	66.83	68.00	1.17	0.002
		From	To	Structure	DTCA				I591011	68.00	69.00	1.00	0.001
		70.34	70.40	FT					I591012	69.00	70.00	1.00	0.004
		70.60	70.95	FRAC					I591013	70.00	71.00	1.00	0.006
		71.57	71.80	FT					I591014	71.00	72.00	1.00	0.018
		74.70	74.70	CT	65				I591015	72.00	73.00	1.00	0.012
									I591016	73.00	74.00	1.00	0.001
									I591017	74.00	74.70	0.70	0.001
									I591018	74.70	76.00	1.30	0.023
74.70	76.20	Siltstone				Soft, very fine-grained, black siltstone. Graphitic siltstone, similar to SIF but sulfides absent.							
		Structure											
		From	To	Structure	DTCA								
		75.10	78.00	FT									
		76.20	76.20	CT									
76.20	83.88	Marble				Hard, medium-grained, light grey to dark grey marble. Reacts strongly with HCl. Entire unit heavily fractured and faulted.			I591019	76.00	77.00	1.00	0.007
		Structure							I591020	77.00	78.00	1.00	0.005
		From	To	Structure	DTCA				I591021	78.00	79.00	1.00	0.002
		78.40	78.70	FT					I591022	79.00	80.00	1.00	0.045
		79.10	79.50	FT					I591023	80.00	81.00	1.00	0.027
		79.60	83.50	FT					I591024	81.00	82.00	1.00	0.004
		83.88	83.88	CT	35				I591026	82.00	83.00	1.00	0.025
									I591027	83.00	83.88	0.88	0.006
									I591028	83.88	85.00	1.12	0.007
									I591029	85.00	86.00	1.00	0.001
				I591030	86.00	87.00	1.00	0.001					
83.88	87.30	Siltstone				Hard, very fine-grained, medium grey to medium brown siltstone.							
		Structure											
		From	To	Structure	DTCA								
		87.00	87.30	BRC									
		87.30	87.30	CT									

87.30	94.30	Dolostone Structure <table border="1" data-bbox="362 308 954 511"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>88.20</td> <td>88.20</td> <td>CT</td> <td rowspan="5">65</td> </tr> <tr> <td>89.00</td> <td>89.00</td> <td>CT</td> </tr> <tr> <td>93.70</td> <td>94.10</td> <td>FT</td> </tr> <tr> <td>94.30</td> <td>94.30</td> <td>CT</td> </tr> </tbody> </table>	From	To	Structure	DTCA	88.20	88.20	CT	65	89.00	89.00	CT	93.70	94.10	FT	94.30	94.30	CT	Hard, medium-grained, medium grey dolostone. Reacts with HCl only when scratched. Internally brecciated.	88.20 - 89.00: Siltstone Medium hardness, very fine-grained, medium grey to medium brown siltstone.	<table border="1" data-bbox="1908 194 2620 544"> <thead> <tr> <th>Sample</th> <th>From</th> <th>To</th> <th>Length</th> <th>Au</th> </tr> </thead> <tbody> <tr><td>I591031</td><td>87.00</td><td>88.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I591032</td><td>88.00</td><td>89.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I591033</td><td>89.00</td><td>90.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I591034</td><td>90.00</td><td>91.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I591035</td><td>91.00</td><td>92.00</td><td>1.00</td><td><0.001</td></tr> <tr><td>I591036</td><td>92.00</td><td>93.00</td><td>1.00</td><td>0.004</td></tr> <tr><td>I591037</td><td>93.00</td><td>94.30</td><td>1.30</td><td>0.003</td></tr> </tbody> </table>	Sample	From	To	Length	Au	I591031	87.00	88.00	1.00	0.001	I591032	88.00	89.00	1.00	0.002	I591033	89.00	90.00	1.00	0.002	I591034	90.00	91.00	1.00	0.001	I591035	91.00	92.00	1.00	<0.001	I591036	92.00	93.00	1.00	0.004	I591037	93.00	94.30	1.30	0.003
From	To	Structure	DTCA																																																											
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102.80	144.90	<p>Sulfide Iron Formation</p> <p>Structure</p> <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>107.00</td> <td>108.50</td> <td>FOLN</td> <td>70</td> </tr> <tr> <td>120.00</td> <td>122.00</td> <td>FOLN</td> <td>70</td> </tr> <tr> <td>126.50</td> <td>127.50</td> <td>FOLN</td> <td>70</td> </tr> <tr> <td>141.00</td> <td>142.50</td> <td>FOLN</td> <td>70</td> </tr> <tr> <td>144.90</td> <td>144.90</td> <td>CT</td> <td>70</td> </tr> </tbody> </table>	From	To	Structure	DTCA	107.00	108.50	FOLN	70	120.00	122.00	FOLN	70	126.50	127.50	FOLN	70	141.00	142.50	FOLN	70	144.90	144.90	CT	70	<p>Medium hardness, very fine-grained, black to light grey sulfide iron formation. Cherty, lacks significant sulfides.</p>	<table border="1"> <thead> <tr> <th>Sample</th> <th>From</th> <th>To</th> <th>Length</th> <th>Au</th> </tr> </thead> <tbody> <tr><td>I591047</td><td>102.80</td><td>104.00</td><td>1.20</td><td>0.026</td></tr> <tr><td>I591048</td><td>104.00</td><td>105.00</td><td>1.00</td><td>0.016</td></tr> <tr><td>I591049</td><td>106.00</td><td>107.00</td><td>1.00</td><td>0.033</td></tr> <tr><td>I591051</td><td>109.00</td><td>110.00</td><td>1.00</td><td>0.009</td></tr> <tr><td>I591052</td><td>112.00</td><td>113.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I591053</td><td>115.00</td><td>116.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I591054</td><td>118.00</td><td>119.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I591055</td><td>121.00</td><td>122.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I591056</td><td>124.00</td><td>125.00</td><td>1.00</td><td>0.016</td></tr> <tr><td>I591057</td><td>127.00</td><td>128.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I591058</td><td>130.00</td><td>131.00</td><td>1.00</td><td>0.004</td></tr> <tr><td>I591059</td><td>133.00</td><td>134.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I591060</td><td>136.00</td><td>137.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I591061</td><td>139.00</td><td>140.00</td><td>1.00</td><td>0.004</td></tr> <tr><td>I591062</td><td>142.00</td><td>143.00</td><td>1.00</td><td>0.004</td></tr> <tr><td>I591063</td><td>143.00</td><td>144.00</td><td>1.00</td><td>0.011</td></tr> <tr><td>I591064</td><td>144.00</td><td>144.90</td><td>0.90</td><td>0.005</td></tr> </tbody> </table>	Sample	From	To	Length	Au	I591047	102.80	104.00	1.20	0.026	I591048	104.00	105.00	1.00	0.016	I591049	106.00	107.00	1.00	0.033	I591051	109.00	110.00	1.00	0.009	I591052	112.00	113.00	1.00	0.003	I591053	115.00	116.00	1.00	0.003	I591054	118.00	119.00	1.00	0.002	I591055	121.00	122.00	1.00	0.001	I591056	124.00	125.00	1.00	0.016	I591057	127.00	128.00	1.00	0.002	I591058	130.00	131.00	1.00	0.004	I591059	133.00	134.00	1.00	0.003	I591060	136.00	137.00	1.00	0.003	I591061	139.00	140.00	1.00	0.004	I591062	142.00	143.00	1.00	0.004	I591063	143.00	144.00	1.00	0.011	I591064	144.00	144.90	0.90	0.005
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144.90	211.63	<p>Marble</p> <p>Structure</p> <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>146.00</td> <td>156.00</td> <td>FOLN</td> <td>70</td> </tr> <tr> <td>150.17</td> <td>150.17</td> <td>CT</td> <td>70</td> </tr> <tr> <td>150.53</td> <td>150.53</td> <td>CT</td> <td>70</td> </tr> <tr> <td>151.20</td> <td>151.20</td> <td>CT</td> <td>70</td> </tr> <tr> <td>152.29</td> <td>152.29</td> <td>CT</td> <td>70</td> </tr> <tr> <td>160.00</td> <td>163.60</td> <td>FOLN</td> <td>70</td> </tr> <tr> <td>164.81</td> <td>164.81</td> <td>CT</td> <td></td> </tr> <tr> <td>166.41</td> <td>166.41</td> <td>CT</td> <td>70</td> </tr> </tbody> </table>	From	To	Structure	DTCA	146.00	156.00	FOLN	70	150.17	150.17	CT	70	150.53	150.53	CT	70	151.20	151.20	CT	70	152.29	152.29	CT	70	160.00	163.60	FOLN	70	164.81	164.81	CT		166.41	166.41	CT	70	<p>Hard, medium-grained, white to dark grey marble. Reacts strongly with HCl.</p> <p>150.17 - 150.53: Siltstone Medium hardness, very fine-grained, dark grey siltstone.</p> <p>151.20 - 152.29: Siltstone Medium hardness, very fine-grained, dark grey siltstone.</p> <p>164.81 - 166.41: Siltstone Medium hardness, very fine-grained, dark grey siltstone.</p> <p>169.91 - 170.20: Siltstone Medium hardness, very fine-grained, dark grey siltstone.</p>	<table border="1"> <tbody> <tr><td>I591065</td><td>144.90</td><td>146.00</td><td>1.10</td><td>0.279</td></tr> <tr><td>I591066</td><td>146.00</td><td>147.00</td><td>1.00</td><td>0.004</td></tr> <tr><td>I591067</td><td>147.00</td><td>148.00</td><td>1.00</td><td>0.133</td></tr> <tr><td>I591068</td><td>148.00</td><td>149.00</td><td>1.00</td><td>0.023</td></tr> <tr><td>I591069</td><td>151.00</td><td>152.00</td><td>1.00</td><td>0.009</td></tr> <tr><td>I591070</td><td>152.00</td><td>153.00</td><td>1.00</td><td>0.017</td></tr> <tr><td>I591071</td><td>153.00</td><td>154.00</td><td>1.00</td><td>0.012</td></tr> <tr><td>I591072</td><td>154.00</td><td>155.00</td><td>1.00</td><td>0.004</td></tr> <tr><td>I591073</td><td>155.00</td><td>156.00</td><td>1.00</td><td>0.015</td></tr> <tr><td>I591074</td><td>156.00</td><td>157.00</td><td>1.00</td><td>0.005</td></tr> <tr><td>I591076</td><td>157.00</td><td>158.00</td><td>1.00</td><td>0.011</td></tr> </tbody> </table>	I591065	144.90	146.00	1.10	0.279	I591066	146.00	147.00	1.00	0.004	I591067	147.00	148.00	1.00	0.133	I591068	148.00	149.00	1.00	0.023	I591069	151.00	152.00	1.00	0.009	I591070	152.00	153.00	1.00	0.017	I591071	153.00	154.00	1.00	0.012	I591072	154.00	155.00	1.00	0.004	I591073	155.00	156.00	1.00	0.015	I591074	156.00	157.00	1.00	0.005	I591076	157.00	158.00	1.00	0.011																							
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Structure				DTCA	173.16 - 173.34: Siltstone Medium hardness, very fine-grained, dark grey siltstone.	201.20 - 201.93: Siltstone Medium hardness, very fine-grained, dark grey to light grey siltstone. Reacts weakly with HCl. Siltstone with minor carbonate.	210.28 - 210.86: Siltstone Medium hardness, very fine-grained, dark grey siltstone.	Sample	From	To	Length	Au
From	To	Structure	I591077					158.00	159.00	1.00	0.002	
167.00	169.30	FOLN	70				I591078	159.00	160.00	1.00	0.012	
169.91	169.91	CT	70				I591079	160.00	161.00	1.00	0.003	
170.20	170.20	CT	70				I591080	163.00	164.00	1.00	0.004	
173.16	173.16	CT	70				I591081	164.00	164.81	0.81	0.022	
173.34	173.34	CT	70				I591082	169.00	169.90	0.90	0.002	
175.00	180.50	FOLN	70				I591083	172.00	173.00	1.00	0.016	
187.10	202.30	BRC					I591084	173.00	174.00	1.00	0.002	
201.20	201.20	CT	80				I591085	174.00	175.00	1.00	0.004	
201.93	201.93	CT	70				I591086	175.00	176.00	1.00	0.002	
210.28	210.28	CT	65				I591087	176.00	177.00	1.00	0.001	
210.86	210.86	CT	80				I591088	177.00	178.00	1.00	0.001	
211.63	211.63	CT	75				I591089	178.00	179.00	1.00	0.003	
							I591090	179.00	180.00	1.00	0.005	
							I591091	180.00	181.00	1.00	<0.001	
							I591092	181.00	182.00	1.00	0.002	
							I591093	184.00	185.00	1.00	<0.001	
							I591094	185.00	186.00	1.00	0.002	
							I591095	186.00	187.00	1.00	0.005	
							I591096	187.00	188.00	1.00	0.001	
							I591097	188.00	189.00	1.00	0.001	
							I591098	189.00	190.00	1.00	0.023	
							I591099	190.00	191.00	1.00	0.001	
							I591101	191.00	192.00	1.00	0.003	
							I591102	192.00	193.00	1.00	0.002	
							I591103	193.00	194.00	1.00	<0.001	
							I591104	194.00	195.00	1.00	<0.001	
							I591105	195.00	196.00	1.00	0.001	

220.63	224.50	Marble				Hard, medium-grained, white to dark grey marble. Reacts strongly with HCl.		Sample	From	To	Length	Au
		Structure						I591132	220.63	222.00	1.37	0.004
		From	To	Structure	DTCA			I591133	222.00	223.00	1.00	0.001
		224.50	224.50	CT	75			I591134	223.00	224.50	1.50	0.002
224.50	226.55	Siltstone				Hard, fine-grained, white to very dark grey siltstone. Reacts strongly with HCl. Silt and calcite mix, strongly banded at mm scale.		I591135	224.50	225.50	1.00	0.004
		Structure						I591136	225.50	226.55	1.05	0.004
		From	To	Structure	DTCA							
		226.55	226.55	CT	70							
226.55	232.92	Marble				Hard, medium-grained, white to dark grey marble. Reacts strongly with HCl.	227.80 - 229.20: Sandstone Hard, medium-grained, medium grey sandstone. Wacke.	I591137	226.55	227.80	1.25	0.008
		Structure						I591138	227.80	229.20	1.40	0.005
		From	To	Structure	DTCA			I591139	229.20	230.00	0.80	0.001
		227.80	227.80	CT	80			I591140	230.00	231.00	1.00	0.003
		229.20	229.20	CT	80			I591141	231.00	232.00	1.00	0.002
		232.92	232.92	CT	80			I591142	232.00	232.92	0.92	0.001
232.92	237.44	Siltstone				Hard, fine-grained, white to very dark grey siltstone. Reacts strongly with HCl. Silt and calcite mix, higher proportion of calcite than in previous units, strongly banded at mm scale.		I591143	232.92	234.00	1.08	0.002
								I591144	234.00	235.00	1.00	0.004
								I591145	235.00	236.00	1.00	0.002
								I591146	236.00	237.44	1.44	0.004
237.44	253.56	Marble				Hard, medium-grained, white to dark grey marble. Reacts strongly with HCl.		I591147	237.44	239.00	1.56	0.002
		Structure						I591148	239.00	240.00	1.00	<0.001
		From	To	Structure	DTCA			I591149	240.00	241.00	1.00	0.001
		253.56	253.56	CT				I591151	241.00	242.00	1.00	0.004
								I591152	242.00	243.00	1.00	0.002
								I591153	243.00	244.00	1.00	0.002
								I591154	244.00	245.00	1.00	0.005
								I591155	245.00	246.00	1.00	0.045
								I591156	246.00	247.00	1.00	0.005

								Sample	From	To	Length	Au
								I591157	247.00	248.00	1.00	0.002
								I591158	248.00	249.00	1.00	<0.001
								I591159	249.00	250.00	1.00	0.001
								I591160	250.00	251.00	1.00	0.002
								I591161	251.00	252.00	1.00	<0.001
								I591162	252.00	253.55	1.55	0.001
253.56	254.56	Mudstone		Hard, very fine-grained, dark grey to dark brown mudstone. Siliceous mudstone, well-bedded on mm scale but beds deformed and distorted.				I591163	253.55	255.00	1.45	0.007
254.56	277.72	Talcose Ultramafics		Soft, fine-grained, very dark green to very light green talcose ultramafics. Slightly harder than is typical for talc.				I591164	255.00	256.00	1.00	0.002
		Structure						I591165	256.00	257.00	1.00	0.001
		From	To	Structure	DTCA			I591166	259.00	260.00	1.00	0.003
		256.58	256.58	CT				I591167	262.00	263.00	1.00	0.002
		277.72	277.72	CT	35			I591168	265.00	266.00	1.00	0.002
								I591169	268.00	269.00	1.00	0.003
								I591170	271.00	272.00	1.00	0.003
								I591171	274.00	275.00	1.00	0.002
								I591172	277.00	278.00	1.00	0.004
277.72	286.00	Basalt		Medium hardness, fine-grained, dark grey to dark green basalt.				I591173	280.00	281.00	1.00	0.002
								I591174	283.00	284.00	1.00	0.003

Samples

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590967	21.90	23.00	0.001	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 21.90 to 23.00 m
I590968	23.00	24.00	0.002	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 23.00 to 24.00 m
I590969	24.00	25.00	0.001	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 24.00 to 25.00 m
I590970	25.00	26.00	0.007	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 25.00 to 26.00 m
I590971	26.00	27.00	0.004	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 26.00 to 27.00 m
I590972	27.00	28.00	0.002	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 27.00 to 28.00 m
I590973	28.00	29.00	0.002	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 28.00 to 29.00 m
I590974	29.00	30.00	0.001	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 29.00 to 30.00 m
I590975			0.005	Blank	TB12057058	KBG-F2010			
I590976	30.00	31.00	0.007	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 30.00 to 31.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590977	31.00	32.00	0.003	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 31.00 to 32.00 m
I590978	32.00	33.00	0.001	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 32.00 to 33.00 m
I590979	33.00	34.00	0.006	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 33.00 to 34.00 m
I590980	34.00	35.00	0.006	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 34.00 to 34.25 m; very coarse-grained, semi-massive mt, 20% medium-grained, patchy py and 1% fine-grained, patchy po from 34.25 to 34.88 m; fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 34.88 to 35.00 m
I590981	35.00	36.00	0.003	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 35.00 to 36.00 m
I590982	36.00	37.00	<0.001	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 36.00 to 37.00 m
I590983	37.00	37.60	0.007	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 1% fine-grained, patchy py and 1% fine-grained, patchy po from 37.00 to 37.02 m; very coarse-grained, semi-massive mt, 1% fine-grained, stringer py and 1% fine-grained, stringer po from 37.02 to 37.60 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I590984	37.60	38.55	<0.001	1/2 Core	TB12057058	Marble			fine-grained, patchy mt, 0.2% fine-grained, patchy py and 0.2% fine-grained, patchy po from 37.60 to 38.55 m
I590985	38.55	39.07	0.007	1/2 Core	TB12057058	Marble			very coarse-grained, semi-massive mt and 25% fine-grained, semi-massive py from 38.55 to 39.07 m
I590986	39.07	40.00	0.001	1/2 Core	TB12057058	Marble			fine-grained, disseminated mt and 0.1% fine-grained, disseminated py from 39.07 to 40.00 m
I590987	40.00	40.55	0.002	1/2 Core	TB12057058	Marble	Sharp contact at 60 dtca at 40.55 m		fine-grained, disseminated mt and 0.1% fine-grained, disseminated py from 40.00 to 40.55 m
I590988	40.55	42.00	0.004	1/2 Core	TB12057058	Siltstone			
I590989	42.00	43.00	0.002	1/2 Core	TB12057058	Siltstone			
I590990	43.00	44.00	0.001	1/2 Core	TB12057058	Siltstone			
I590991	46.00	47.00	<0.001	1/2 Core	TB12057058	Siltstone			
I590992	47.00	47.82	<0.001	1/2 Core	TB12057058	Siltstone	Sharp contact at 60 dtca at 47.82 m		
I590993	47.82	49.00	0.014	1/2 Core	TB12057058	Marble			medium-grained, patchy mt and 3% fine-grained, patchy py from 47.82 to 49.00 m
I590994	49.00	49.44	0.002	1/2 Core	TB12057058	Marble	Sharp contact at 65 dtca at 49.44 m		
I590995	49.44	51.00	<0.001	1/2 Core	TB12057058	Siltstone			
I590996	51.00	52.00	0.001	1/2 Core	TB12057058	Siltstone			
I590997	52.00	53.00	0.037	1/2 Core	TB12057058	Marble	Sharp contact at 40 dtca at 52.04 m; Breccia from 52.04 to 52.25 m		3% fine-grained, stringer py from 52.04 to 53.00 m
I590998	53.00	54.00	0.004	1/2 Core	TB12057058	Marble	Breccia from 53.20 to 53.26 m; Sharp contact at 60 dtca at 53.26 m; Sharp contact at 70 dtca at 53.55 m		3% fine-grained, stringer py from 53.00 to 54.00 m
I590999	54.00	55.10	0.008	1/2 Core	TB12057058	Marble	Sharp contact at 20 dtca at 55.10 m		3% fine-grained, stringer py from 54.00 to 55.10 m
I591000			3.820	Reference Material	TB12057058	OREAS 68a			
I591001	55.10	56.54	0.022	1/2 Core	TB12057058	Siltstone	Sharp contact at 45 dtca at 56.54 m		25% fine-grained, semi-massive py from 55.80 to 56.10 m
I591002	56.54	57.60	0.002	1/2 Core	TB12057058	Dolostone	Breccia from 56.54 to 57.60 m		
I591003	57.60	59.00	0.007	1/2 Core	TB12057058	Dolostone	Breccia from 57.60 to 59.00 m		2% fine-grained, fracture fill py from 57.70 to 57.77 m
I591004	61.00	62.00	0.001	1/2 Core	TB12057058	Dolostone	Breccia from 61.00 to 62.00 m		

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591005	62.00	62.97	0.002	1/2 Core	TB12057058	Dolostone	Breccia from 62.00 to 62.97 m		0.1% fine-grained, trace py and very fine-grained, coating hem from 62.00 to 62.97 m
I591006	62.97	64.00	0.002	1/2 Core	TB12057058	Siltstone	Sharp contact at 70 dtca at 62.97 m		
I591007	64.00	65.00	0.002	1/2 Core	TB12057058	Siltstone			
I591008	65.00	66.00	0.001	1/2 Core	TB12057058	Siltstone			
I591009	66.00	66.83	0.001	1/2 Core	TB12057058	Siltstone	Sharp contact at 75 dtca at 66.83 m		
I591010	66.83	68.00	0.002	1/2 Core	TB12057058	Marble			
I591011	68.00	69.00	0.001	1/2 Core	TB12057058	Marble			
I591012	69.00	70.00	0.004	1/2 Core	TB12057058	Marble			1% fine-grained, stringer py and 1% fine-grained, stringer po from 69.16 to 69.56 m; 2% fine-grained, fracture fill py and 2% fine-grained, fracture fill po from 69.90 to 70.00 m
I591013	70.00	71.00	0.006	1/2 Core	TB12057058	Marble	Fault from 70.34 to 70.40 m; Fracture zone from 70.60 to 70.95 m		2% fine-grained, fracture fill py and 2% fine-grained, fracture fill po from 70.00 to 71.00 m
I591014	71.00	72.00	0.018	1/2 Core	TB12057058	Marble	Fault from 71.57 to 71.80 m		fine-grained, semi-massive mt, 2% fine-grained, fracture fill py and 2% fine-grained, fracture fill po from 71.00 to 72.00 m
I591015	72.00	73.00	0.012	1/2 Core	TB12057058	Marble			fine-grained, semi-massive mt, 2% fine-grained, fracture fill py and 2% fine-grained, fracture fill po from 72.00 to 72.30 m; 2% fine-grained, fracture fill py and 2% fine-grained, fracture fill po from 72.30 to 72.60 m
I591016	73.00	74.00	0.001	1/2 Core	TB12057058	Marble			
I591017	74.00	74.70	0.001	1/2 Core	TB12057058	Marble	Sharp contact at 65 dtca at 74.70 m		
I591018	74.70	76.00	0.023	1/2 Core	TB12057058	Siltstone	Fault from 75.10 to 76.00 m		
I591019	76.00	77.00	0.007	1/2 Core	TB12057058	Marble	Fault from 76.00 to 77.00 m; Broken contact at 76.20 m		
I591020	77.00	78.00	0.005	1/2 Core	TB12057058	Marble	Fault from 77.00 to 78.00 m		15% medium-grained, vuggy py from 77.20 to 77.50 m
I591021	78.00	79.00	0.002	1/2 Core	TB12057058	Marble	Fault from 78.40 to 78.70 m		
I591022	79.00	80.00	0.045	1/2 Core	TB12057058	Marble	Fault from 79.10 to 79.50 m; Fault from 79.60 to 80.00 m		25% medium-grained, vuggy py from 79.00 to 80.00 m
I591023	80.00	81.00	0.027	1/2 Core	TB12057058	Marble	Fault from 80.00 to 81.00 m		25% medium-grained, vuggy py from 80.00 to 80.20 m; 5% fine-grained, stringer py from 80.50 to 81.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591024	81.00	82.00	0.004	1/2 Core	TB12057058	Marble	Fault from 81.00 to 82.00 m		1% fine-grained, fracture fill py from 81.00 to 82.00 m
I591025			<0.001	Blank	TB12057058	KBG-F2010			
I591026	82.00	83.00	0.025	1/2 Core	TB12057058	Marble	Fault from 82.00 to 83.00 m		1% fine-grained, fracture fill py from 82.00 to 83.00 m
I591027	83.00	83.88	0.006	1/2 Core	TB12057058	Marble	Fault from 79.60 to 83.50 m		
I591028	83.88	85.00	0.007	1/2 Core	TB12057058	Siltstone	Sharp contact at 35 dtca at 83.88 m		
I591029	85.00	86.00	0.001	1/2 Core	TB12057058	Siltstone			
I591030	86.00	87.00	0.001	1/2 Core	TB12057058	Siltstone			
I591031	87.00	88.00	0.001	1/2 Core	TB12057058	Dolostone	Breccia from 87.00 to 87.30 m; Tectonic contact at 87.30 m		2% fine-grained, stringer py from 87.70 to 88.00 m
I591032	88.00	89.00	0.002	1/2 Core	TB12057058	Siltstone	Broken contact at 88.20 m		2% fine-grained, stringer py from 88.00 to 88.20 m
I591033	89.00	90.00	0.002	1/2 Core	TB12057058	Dolostone	Sharp contact at 65 dtca at 89.00 m		
I591034	90.00	91.00	0.001	1/2 Core	TB12057058	Dolostone			
I591035	91.00	92.00	<0.001	1/2 Core	TB12057058	Dolostone			
I591036	92.00	93.00	0.004	1/2 Core	TB12057058	Dolostone			
I591037	93.00	94.30	0.003	1/2 Core	TB12057058	Dolostone	Fault from 93.70 to 94.10 m		
I591038	94.30	95.00	0.006	1/2 Core	TB12057058	Siltstone	Broken contact at 94.30 m		1% fine-grained, stringer py from 94.30 to 95.00 m
I591039	95.00	96.00	0.009	1/2 Core	TB12057058	Siltstone	Fault from 95.00 to 95.70 m; Fault from 95.80 to 95.90 m		1% fine-grained, stringer py from 95.00 to 96.00 m
I591040	96.00	97.00	0.008	1/2 Core	TB12057058	Siltstone	Broken contact at 97.00 m		1% fine-grained, stringer py from 96.00 to 97.00 m
I591041	97.00	98.00	0.008	1/2 Core	TB12057058	Dolostone	Fault from 97.50 to 97.90 m		
I591042	98.00	99.00	0.004	1/2 Core	TB12057058	Dolostone			
I591043	99.00	100.00	0.007	1/2 Core	TB12057058	Dolostone			
I591044	100.00	101.00	0.001	1/2 Core	TB12057058	Dolostone			
I591045	101.00	102.00	0.002	1/2 Core	TB12057058	Dolostone			
I591046	102.00	102.80	0.001	1/2 Core	TB12057058	Dolostone	Gradational contact at 70 dtca at 102.80 m		
I591047	102.80	104.00	0.026	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs py from 102.80 to 104.00 m
I591048	104.00	105.00	0.016	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs py from 104.00 to 105.00 m
I591049	106.00	107.00	0.033	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs py from 106.00 to 107.00 m
I591050			2.060	Reference Material	TB12057058	OREAS 67a			

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591052	112.00	113.00	0.003	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs py from 112.00 to 113.00 m
I591053	115.00	116.00	0.003	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs py from 115.00 to 116.00 m
I591054	118.00	119.00	0.002	1/2 Core	TB12057058	Sulfide Iron Formation		Very weak banded carbonate from 118.00 to 119.00 m	1% fine-grained, blebs py from 118.00 to 119.00 m
I591055	121.00	122.00	0.001	1/2 Core	TB12057058	Sulfide Iron Formation	Foliation at 70 dtca from 121.00 to 122.00 m	Very weak banded carbonate from 121.00 to 122.00 m	1% fine-grained, blebs py from 121.00 to 122.00 m
I591056	124.00	125.00	0.016	1/2 Core	TB12057058	Sulfide Iron Formation		Very weak banded carbonate from 124.00 to 124.65 m	1% fine-grained, blebs py from 124.00 to 125.00 m
I591057	127.00	128.00	0.002	1/2 Core	TB12057058	Sulfide Iron Formation	Foliation at 70 dtca from 127.00 to 127.50 m		1% fine-grained, blebs py from 127.00 to 128.00 m
I591058	130.00	131.00	0.004	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs py from 130.00 to 131.00 m
I591059	133.00	134.00	0.003	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs py from 133.00 to 133.35 m; 1% fine-grained, blebs po from 133.35 to 134.00 m
I591060	136.00	137.00	0.003	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs po from 136.00 to 137.00 m
I591061	139.00	140.00	0.004	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs po from 139.00 to 140.00 m
I591062	142.00	143.00	0.004	1/2 Core	TB12057058	Sulfide Iron Formation	Foliation at 70 dtca from 142.00 to 142.50 m		1% fine-grained, blebs po from 142.00 to 143.00 m
I591063	143.00	144.00	0.011	1/2 Core	TB12057058	Sulfide Iron Formation			1% fine-grained, blebs po from 143.00 to 144.00 m
I591064	144.00	144.90	0.005	1/2 Core	TB12057058	Sulfide Iron Formation	Sharp contact at 70 dtca at 144.90 m		1% fine-grained, blebs po from 144.00 to 144.90 m
I591065	144.90	146.00	0.279	1/2 Core	TB12057058	Marble			1% fine-grained, blebs po from 144.90 to 145.20 m; 5% fine-grained, stringer po from 145.20 to 145.61 m; 1% fine-grained, blebs po from 145.61 to 146.00 m
I591066	146.00	147.00	0.004	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 146.00 to 147.00 m		1% fine-grained, blebs po from 146.00 to 147.00 m
I591067	147.00	148.00	0.133	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 147.00 to 148.00 m		1% fine-grained, blebs po from 147.00 to 148.00 m
I591068	148.00	149.00	0.023	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 147.00 to 148.00 m		1% fine-grained, blebs po from 145.61 to 148.90 m; 1% fine-grained, blebs po and fine-grained, patchy mt from 148.90 to 149.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591070	152.00	153.00	0.017	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 152.00 to 153.00 m; Sharp contact at 70 dtca at 152.29 m		2% fine-grained, stringer po from 152.50 to 153.00 m
I591071	153.00	154.00	0.012	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 153.00 to 154.00 m		2% fine-grained, stringer po from 153.00 to 154.00 m
I591072	154.00	155.00	0.004	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 154.00 to 155.00 m		2% fine-grained, stringer po from 154.00 to 155.00 m
I591073	155.00	156.00	0.015	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 155.00 to 156.00 m		5% fine-grained, fracture fill po and fine-grained, patchy mt from 155.00 to 155.55 m; 2% fine-grained, stringer po from 155.55 to 156.00 m
I591074	156.00	157.00	0.005	1/2 Core	TB12057058	Marble			3% fine-grained, stringer po and fine-grained, patchy mt from 156.68 to 157.00 m
I591075			<0.001	Blank	TB12057058	KBG-F2010			
I591076	157.00	158.00	0.011	1/2 Core	TB12057058	Marble			3% fine-grained, stringer po and fine-grained, patchy mt from 157.00 to 158.00 m
I591077	158.00	159.00	0.002	1/2 Core	TB12057058	Marble			3% fine-grained, stringer po and fine-grained, patchy mt from 158.00 to 158.36 m; 1% fine-grained, blebs po from 158.36 to 159.00 m
I591078	159.00	160.00	0.012	1/2 Core	TB12057058	Marble			1% fine-grained, blebs po from 159.00 to 159.36 m; 2% fine-grained, stringer po from 159.36 to 160.00 m
I591079	160.00	161.00	0.003	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 160.00 to 161.00 m		2% fine-grained, stringer po from 160.00 to 160.75 m; 1% fine-grained, blebs po and 5% fine-grained, stringer py from 160.75 to 160.90 m; 1% fine-grained, blebs po from 160.90 to 161.00 m
I591080	163.00	164.00	0.004	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 163.00 to 163.60 m		1% fine-grained, blebs po from 160.90 to 163.80 m; 2% fine-grained, fracture fill po, 1% fine-grained, fracture fill py and fine-grained, patchy mt from 163.80 to 164.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591081	164.00	164.81	0.022	1/2 Core	TB12057058	Marble	Irregular contact at 164.81 m		2% fine-grained, fracture fill po, 1% fine-grained, fracture fill py and fine-grained, patchy mt from 164.00 to 164.81 m
I591082	169.00	169.90	0.002	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 169.00 to 169.30 m		1% fine-grained, blebs po and 0.2% fine-grained, trace py from 169.00 to 169.90 m
I591083	172.00	173.00	0.016	1/2 Core	TB12057058	Marble			1% fine-grained, blebs po from 172.00 to 172.67 m; 20% fine-grained, semi-massive po and 1% fine-grained, blebs py from 172.67 to 173.00 m
I591084	173.00	174.00	0.002	1/2 Core	TB12057058	Marble	Sharp contact at 70 dtca at 173.16 m; Sharp contact at 70 dtca at 173.34 m		2% fine-grained, blebs po from 173.00 to 174.00 m
I591085	174.00	175.00	0.004	1/2 Core	TB12057058	Marble			2% fine-grained, blebs po from 174.00 to 174.32 m; 3% fine-grained, stringer py from 174.32 to 175.00 m
I591086	175.00	176.00	0.002	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 175.00 to 176.00 m		3% fine-grained, stringer py from 175.00 to 176.00 m
I591087	176.00	177.00	0.001	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 176.00 to 177.00 m		3% fine-grained, stringer py from 176.00 to 176.40 m
I591088	177.00	178.00	0.001	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 177.00 to 178.00 m		
I591089	178.00	179.00	0.003	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 178.00 to 179.00 m		1% fine-grained, blebs po and 0.1% fine-grained, trace py from 177.50 to 179.00 m
I591090	179.00	180.00	0.005	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 179.00 to 180.00 m		1% fine-grained, blebs po and 0.1% fine-grained, trace py from 179.00 to 180.00 m
I591091	180.00	181.00	<0.001	1/2 Core	TB12057058	Marble	Foliation at 70 dtca from 180.00 to 180.50 m		1% fine-grained, blebs po and 0.1% fine-grained, trace py from 180.00 to 181.00 m
I591092	181.00	182.00	0.002	1/2 Core	TB12057058	Marble			1% fine-grained, blebs po and 0.1% fine-grained, trace py from 181.00 to 182.00 m
I591093	184.00	185.00	<0.001	1/2 Core	TB12057058	Marble			1% fine-grained, blebs po and 0.1% fine-grained, trace py from 184.00 to 185.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591094	185.00	186.00	0.002	1/2 Core	TB12057058	Marble			1% fine-grained, blebs po and 0.1% fine-grained, trace py from 185.00 to 186.00 m
I591095	186.00	187.00	0.005	1/2 Core	TB12057058	Marble			1% fine-grained, blebs po and 0.1% fine-grained, trace py from 186.00 to 187.00 m
I591096	187.00	188.00	0.001	1/2 Core	TB12057058	Marble	Breccia from 187.10 to 188.00 m	Strong pervasive silica from 187.10 to 188.00 m	1% fine-grained, blebs po and 0.1% fine-grained, trace py from 187.00 to 187.07 m
I591097	188.00	189.00	0.001	1/2 Core	TB12057058	Marble	Breccia from 188.00 to 189.00 m	Strong pervasive silica from 188.00 to 189.00 m	
I591098	189.00	190.00	0.023	1/2 Core	TB12057058	Marble	Breccia from 189.00 to 190.00 m	Strong pervasive silica from 189.00 to 190.00 m	
I591099	190.00	191.00	0.001	1/2 Core	TB12057058	Marble	Breccia from 190.00 to 191.00 m	Strong pervasive silica from 190.00 to 191.00 m	
I591100			3.450	Reference Material	TB12057058	OREAS 67a			
I591101	191.00	192.00	0.003	1/2 Core	TB12057058	Marble	Breccia from 191.00 to 192.00 m	Strong pervasive silica from 191.00 to 192.00 m	
I591102	192.00	193.00	0.002	1/2 Core	TB12057058	Marble	Breccia from 192.00 to 193.00 m	Strong pervasive silica from 192.00 to 193.00 m	
I591103	193.00	194.00	<0.001	1/2 Core	TB12057058	Marble	Breccia from 193.00 to 194.00 m	Strong pervasive silica from 193.00 to 194.00 m	
I591104	194.00	195.00	<0.001	1/2 Core	TB12057058	Marble	Breccia from 194.00 to 195.00 m	Strong pervasive silica from 194.00 to 195.00 m	
I591105	195.00	196.00	0.001	1/2 Core	TB12057058	Marble	Breccia from 195.00 to 196.00 m	Strong pervasive silica from 195.00 to 196.00 m	0.1% fine-grained, stringer po from 195.00 to 196.00 m
I591106	196.00	197.00	0.001	1/2 Core	TB12057058	Marble	Breccia from 196.00 to 197.00 m	Strong pervasive silica from 196.00 to 197.00 m	0.1% fine-grained, stringer po from 196.00 to 197.00 m
I591107	197.00	198.00	0.005	1/2 Core	TB12057058	Marble	Breccia from 197.00 to 198.00 m	Strong pervasive silica from 197.00 to 198.00 m	5% fine-grained, patchy po from 197.00 to 197.25 m
I591108	198.00	199.00	0.001	1/2 Core	TB12057058	Marble	Breccia from 198.00 to 199.00 m	Strong pervasive silica from 198.00 to 199.00 m	
I591109	199.00	200.00	0.001	1/2 Core	TB12057058	Marble	Breccia from 199.00 to 200.00 m	Strong pervasive silica from 199.00 to 200.00 m	
I591110	200.00	201.20	<0.001	1/2 Core	TB12057058	Marble	Breccia from 200.00 to 201.20 m; Sharp contact at 80 dtca at 201.20 m	Strong pervasive silica from 200.00 to 201.20 m	
I591111	201.20	201.93	0.007	1/2 Core	TB12057058	Siltstone	Breccia from 201.20 to 201.93 m; Sharp contact at 70 dtca at 201.93 m	Strong pervasive silica from 201.20 to 201.93 m	0.5% fine-grained, disseminated po from 201.20 to 201.93 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591112	201.93	203.00	0.003	1/2 Core	TB12057058	Marble	Breccia from 201.93 to 202.30 m	Strong pervasive silica from 201.93 to 202.30 m	
I591113	203.00	204.00	0.003	1/2 Core	TB12057058	Marble			
I591114	204.00	205.00	0.001	1/2 Core	TB12057058	Marble			
I591115	205.00	206.00	0.005	1/2 Core	TB12057058	Marble			
I591116	206.00	207.00	0.004	1/2 Core	TB12057058	Marble			
I591117	207.00	208.00	0.006	1/2 Core	TB12057058	Marble			
I591118	208.00	209.00	0.001	1/2 Core	TB12057058	Marble			
I591119	209.00	210.28	0.001	1/2 Core	TB12057058	Marble	Sharp contact at 65 dtca at 210.28 m		
I591120	210.28	210.86	0.001	1/2 Core	TB12057058	Siltstone	Sharp contact at 80 dtca at 210.86 m		
I591121	210.86	211.63	0.002	1/2 Core	TB12057058	Marble	Sharp contact at 75 dtca at 211.63 m	Moderate pervasive silica from 210.86 to 211.63 m	
I591122	211.63	213.00	0.006	1/2 Core	TB12057058	Siltstone	Banding at 70 dtca from 211.63 to 213.00 m		1% fine-grained, disseminated po from 211.63 to 213.00 m
I591123	213.00	214.00	0.008	1/2 Core	TB12057058	Siltstone	Banding at 70 dtca from 213.00 to 214.00 m		10% fine-grained, patchy po from 213.04 to 213.20 m; 1% fine-grained, disseminated po from 213.20 to 214.00 m
I591124	214.00	215.00	0.005	1/2 Core	TB12057058	Siltstone	Banding at 70 dtca from 214.00 to 214.80 m		1% fine-grained, disseminated po from 214.00 to 215.00 m
I591125			<0.001	Blank	TB12057058	KBG-F2010			
I591126	215.00	216.00	0.029	1/2 Core	TB12057058	Siltstone			1% fine-grained, disseminated po from 215.00 to 215.10 m; 5% fine-grained, stringer po from 215.10 to 215.50 m; 50% fine-grained, semi-massive po from 215.50 to 215.72 m; 5% fine-grained, stringer po from 215.72 to 216.00 m
I591127	216.00	217.27	0.005	1/2 Core	TB12057058	Siltstone	Gradational contact at 217.27 m		0.5% fine-grained, disseminated po from 216.00 to 217.27 m
I591128	217.27	218.00	0.002	1/2 Core	TB12057058	Marble			
I591129	218.00	218.87	0.003	1/2 Core	TB12057058	Marble	Gradational contact at 218.87 m		0.5% fine-grained, stringer po from 218.00 to 218.87 m
I591130	218.87	220.00	0.002	1/2 Core	TB12057058	Siltstone	Banding at 70 dtca from 219.00 to 220.70 m	Moderate banded other from 219.08 to 219.98 m	0.5% fine-grained, stringer po from 218.87 to 219.10 m
I591131	220.00	220.63	0.003	1/2 Core	TB12057058	Siltstone	Gradational contact at 220.63 m		0.5% fine-grained, stringer po from 220.00 to 220.63 m
I591132	220.63	222.00	0.004	1/2 Core	TB12057058	Marble	Banding at 70 dtca from 219.00 to 220.70 m		
I591133	222.00	223.00	0.001	1/2 Core	TB12057058	Marble			

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591134	223.00	224.50	0.002	1/2 Core	TB12057058	Marble	Sharp contact at 75 dtca at 224.50 m		
I591135	224.50	225.50	0.004	1/2 Core	TB12057058	Siltstone			
I591136	225.50	226.55	0.004	1/2 Core	TB12057058	Siltstone	Sharp contact at 70 dtca at 226.55 m		
I591137	226.55	227.80	0.008	1/2 Core	TB12057058	Marble	Sharp contact at 80 dtca at 227.80 m		
I591138	227.80	229.20	0.005	1/2 Core	TB12057058	Sandstone	Sharp contact at 80 dtca at 229.20 m		
I591139	229.20	230.00	0.001	1/2 Core	TB12057058	Marble			
I591140	230.00	231.00	0.003	1/2 Core	TB12057058	Marble			
I591141	231.00	232.00	0.002	1/2 Core	TB12057058	Marble			
I591142	232.00	232.92	0.001	1/2 Core	TB12057058	Marble	Sharp contact at 80 dtca at 232.92 m		
I591143	232.92	234.00	0.002	1/2 Core	TB12057058	Siltstone			
I591144	234.00	235.00	0.004	1/2 Core	TB12057058	Siltstone			
I591145	235.00	236.00	0.002	1/2 Core	TB12057058	Siltstone			
I591146	236.00	237.44	0.004	1/2 Core	TB12057058	Siltstone			
I591147	237.44	239.00	0.002	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 237.90 to 239.00 m
I591148	239.00	240.00	<0.001	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 239.00 to 240.00 m
I591149	240.00	241.00	0.001	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 240.00 to 241.00 m
I591150			2.040	Reference Material	TB12057058	OREAS 67a			
I591151	241.00	242.00	0.004	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 241.00 to 242.00 m
I591152	242.00	243.00	0.002	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 242.00 to 243.00 m
I591153	243.00	244.00	0.002	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 243.00 to 244.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591154	244.00	245.00	0.005	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 244.00 to 244.30 m; fine-grained, semi-massive mt, 10% fine-grained, patchy po and 2% fine-grained, patchy py from 244.30 to 244.50 m; fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 244.50 to 245.00 m
I591155	245.00	246.00	0.045	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 245.00 to 245.30 m; fine-grained, semi-massive mt, 1% fine-grained, stringer po and 0.5% fine-grained, stringer py from 245.30 to 245.75 m; fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 245.75 to 246.00 m
I591156	246.00	247.00	0.005	1/2 Core	TB12057058	Marble			fine-grained, bedded mt, 0.5% fine-grained, patchy po and 0.2% fine-grained, patchy py from 246.00 to 247.00 m
I591157	247.00	248.00	0.002	1/2 Core	TB12057058	Marble			fine-grained, semi-massive mt and 1% fine-grained, stringer po from 247.00 to 247.15 m; fine-grained, bedded mt and 0.1% fine-grained, stringer po from 247.15 to 248.00 m
I591158	248.00	249.00	<0.001	1/2 Core	TB12057058	Marble			fine-grained, bedded mt and 0.1% fine-grained, stringer po from 248.00 to 249.00 m
I591159	249.00	250.00	0.001	1/2 Core	TB12057058	Marble			fine-grained, bedded mt and 0.1% fine-grained, stringer po from 249.00 to 250.00 m
I591160	250.00	251.00	0.002	1/2 Core	TB12057058	Marble			fine-grained, bedded mt and 0.1% fine-grained, stringer po from 250.00 to 251.00 m

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591161	251.00	252.00	<0.001	1/2 Core	TB12057058	Marble			fine-grained, bedded mt and 0.1% fine-grained, stringer po from 251.00 to 252.00 m
I591162	252.00	253.55	0.001	1/2 Core	TB12057058	Marble	Irregular contact at 253.55 m		fine-grained, bedded mt and 0.1% fine-grained, stringer po from 252.00 to 253.55 m
I591163	253.55	255.00	0.007	1/2 Core	TB12057058	Mudstone			20% fine-grained, semi-massive po from 253.55 to 254.10 m
I591164	255.00	256.00	0.002	1/2 Core	TB12057058	Talcosse Ultramafic			
I591165	256.00	257.00	0.001	1/2 Core	TB12057058	Talcosse Ultramafic	Irregular contact at 256.58 m		
I591166	259.00	260.00	0.003	1/2 Core	TB12057058	Talcosse Ultramafic			
I591167	262.00	263.00	0.002	1/2 Core	TB12057058	Talcosse Ultramafic			
I591168	265.00	266.00	0.002	1/2 Core	TB12057058	Talcosse Ultramafic			
I591169	268.00	269.00	0.003	1/2 Core	TB12057058	Talcosse Ultramafic			
I591170	271.00	272.00	0.003	1/2 Core	TB12057058	Talcosse Ultramafic			
I591171	274.00	275.00	0.002	1/2 Core	TB12057058	Talcosse Ultramafic			
I591172	277.00	278.00	0.004	1/2 Core	TB12057058	Talcosse Ultramafic	Sharp contact at 35 dtca at 277.72 m		
I591173	280.00	281.00	0.002	1/2 Core	TB12057058	Basalt		Weak pervasive silica from 280.60 to 281.00 m	
I591174	283.00	284.00	0.003	1/2 Core	TB12057058	Basalt			
I591175			<0.001	Blank	TB12057058	KBG-F2010			

Survey Data

Depth (m)	Azimuth	Dip	Test Type	Flag	Comments
0.00	214.0	-40.0	Compass	OK	
31.00	214.1	-40.1	Reflex	OK	Mag Field = 5680
52.00	211.3	-38.7	Reflex	OK	Mag Field = 5828
100.00	219.6	-38.0	Reflex	OK	Mag Field = 5758
151.00	221.5	-36.5	Reflex	OK	Mag Field = 5712
202.00	227.2	-36.6	Reflex	OK	Mag Field = 5729
250.00	208.1	-36.0	Reflex	Warning	Mag Field = 5864
286.00	226.9	-35.5	Reflex	OK	Mag Field = 5726

Core Recovery and Fractures

From	To	Recovery	Fractures
22.00	25.00	103.3%	28
25.00	28.00	103.3%	25
28.00	31.00	100.0%	12
31.00	34.00	103.7%	19
34.00	37.00	103.3%	21
37.00	40.00	101.0%	16
40.00	43.00	104.3%	19
43.00	46.00	101.0%	17
46.00	49.00	101.3%	13
49.00	52.00	98.7%	20
52.00	55.00	102.0%	14
55.00	58.00	102.7%	21
58.00	61.00	102.7%	38
61.00	64.00	100.7%	35
64.00	67.00	100.7%	14
67.00	70.00	100.0%	10
70.00	73.00	106.7%	40
73.00	76.00	100.0%	999
76.00	79.00	106.7%	999
79.00	82.00	93.3%	999
82.00	85.00	90.0%	999
85.00	88.00	93.3%	30

From	To	Recovery	Fractures
88.00	91.00	105.0%	28
91.00	94.00	86.7%	50
94.00	97.00	93.3%	999
97.00	100.00	100.7%	50
100.00	103.00	100.0%	15
103.00	106.00	97.3%	18
106.00	109.00	103.3%	20
109.00	112.00	100.0%	13
112.00	115.00	100.0%	12
115.00	118.00	100.0%	13
118.00	121.00	100.0%	23
121.00	124.00	101.7%	14
124.00	127.00	98.3%	9
127.00	130.00	100.0%	13
130.00	133.00	101.0%	14
133.00	136.00	99.0%	9
136.00	139.00	98.3%	20
139.00	142.00	101.7%	13
142.00	145.00	98.3%	12
145.00	148.00	99.7%	7
148.00	151.00	99.7%	5
151.00	154.00	102.0%	10

From	To	Recovery	Fractures
154.00	157.00	100.3%	9
157.00	160.00	97.3%	6
160.00	163.00	101.7%	7
163.00	166.00	100.0%	9
166.00	169.00	101.3%	17
169.00	172.00	99.3%	9
172.00	175.00	98.3%	7
175.00	178.00	101.0%	5
178.00	181.00	98.3%	11
181.00	184.00	96.7%	7
184.00	187.00	102.7%	4
187.00	190.00	98.3%	7
190.00	193.00	100.3%	5
193.00	196.00	101.7%	9
196.00	199.00	99.0%	11
199.00	202.00	100.7%	10
202.00	205.00	100.0%	7
205.00	208.00	100.7%	8
208.00	211.00	97.7%	11
211.00	214.00	100.7%	4
214.00	217.00	99.3%	5
217.00	220.00	100.0%	11

From	To	Recovery	Fractures
220.00	223.00	97.0%	2
223.00	226.00	101.7%	15
226.00	229.00	100.0%	15
229.00	232.00	98.3%	8
232.00	235.00	102.7%	21
235.00	238.00	99.0%	8
238.00	241.00	99.3%	6
241.00	244.00	99.7%	7
244.00	247.00	98.3%	7
247.00	250.00	100.7%	9
250.00	253.00	97.3%	7
253.00	256.00	101.3%	14
256.00	259.00	99.3%	11
259.00	262.00	99.3%	8
262.00	265.00	100.0%	7
265.00	268.00	97.7%	7
268.00	271.00	100.0%	2
271.00	274.00	98.0%	5
274.00	277.00	100.0%	7
277.00	280.00	98.3%	7
280.00	283.00	100.0%	10
283.00	286.00	99.0%	9

Magnetic Susceptibility

Depth	Mag Sus
22	1.016
23	97.195
24	2.137
25	6.132
26	0.303
27	1.409
28	3.372
29	11.495
30	29.327
31	5.044
32	2.079
33	1.162
34	34.085
35	5.470
36	14.058
37	278.125
38	1.877
39	380.370
40	1.340
41	0.424
42	1.948
43	0.623
44	0.335
45	0.748
46	0.299
47	1.428
48	1.245
49	71.999
50	4.520
51	0.275

Depth	Mag Sus
52	1.035
53	0.290
54	0.860
55	0.327
56	0.418
57	0.561
58	0.487
59	0.304
60	0.288
61	0.427
62	0.414
63	1.079
64	0.319
65	0.328
66	0.229
67	2.381
68	2.328
69	7.006
70	275.645
71	262.436
72	0.168
73	0.175
74	2.476
75	0.306
76	0.213
77	0.116
78	0.128
79	0.119
80	0.366
81	1.459

Depth	Mag Sus
82	0.438
83	1.724
84	0.544
85	1.798
86	0.510
87	0.365
88	0.279
89	0.249
90	0.227
91	0.252
92	0.357
93	0.410
94	0.478
95	0.239
96	0.443
97	0.354
98	0.342
99	0.292
100	0.286
101	0.319
102	0.668
103	8.168
104	4.177
105	8.424
106	4.508
107	6.286
108	5.353
109	1.280
110	7.383
111	2.812

Depth	Mag Sus
112	6.493
113	3.690
114	1.278
115	6.891
116	11.550
117	7.329
118	0.236
119	9.814
120	1.574
121	0.701
122	0.181
123	0.175
124	0.186
125	0.391
126	4.039
127	4.647
128	2.279
129	65.840
130	1.855
131	6.216
132	0.340
133	0.267
134	0.409
135	0.195
136	1.620
137	36.947
138	0.914
139	0.755
140	0.464
141	0.319

Depth	Mag Sus
142	0.165
143	2.311
144	0.354
145	0.211
146	76.916
147	0.215
148	0.193
149	0.298
150	0.537
151	1.941
152	1.044
153	0.369
154	0.300
155	0.765
156	0.918
157	0.231
158	8.398
159	2.006
160	2.403
161	0.399
162	5.995
163	2.116
164	8.648
165	3.834
166	3.670
167	3.835
168	1.987
169	4.235
170	4.395
171	2.869

Depth	Mag Sus
172	5.356
173	5.899
174	0.824
175	4.133
176	13.275
177	14.843
178	8.904
179	8.235
180	8.578
181	2.043
182	11.152
183	4.449
184	0.116
185	0.281
186	1.052
187	0.552
188	1.185
189	1.191
190	1.327
191	0.796
192	0.276
193	0.361
194	0.277
195	0.960
196	0.228
197	0.303
198	0.230
199	0.599
200	0.437
201	0.262

Magnetic Susceptibility

Depth	Mag Sus
202	0.294
203	0.292
204	0.719
205	0.577
206	2.266
207	0.412
208	0.637
209	0.308
210	0.375
211	12.384
212	17.205
213	3.864
214	24.570
215	36.249
216	2.397
217	5.038
218	15.426
219	0.955
220	0.045
221	0.047
222	0.157
223	0.147
224	0.182
225	2.519
226	0.589
227	1.604
228	1.048
229	0.272
230	0.274
231	0.339

Depth	Mag Sus
232	1.417
233	0.461
234	0.218
235	0.625
236	0.241
237	1.201
238	0.179
239	0.027
240	0.253
241	38.287
242	5.459
243	5.026
244	5.981
245	0.696
246	78.258
247	0.767
248	0.570
249	0.414
250	0.260
251	2.867
252	1.922
253	11.075
254	6.117
255	0.556
256	0.797
257	1.098
258	0.765
259	0.748
260	0.657
261	0.669

Depth	Mag Sus
262	0.581
263	0.504
264	0.675
265	1.192
266	1.168
267	1.522
268	1.069
269	1.005
270	0.978
271	0.961
272	0.905
273	0.799
274	1.070
275	1.024
276	0.607
277	0.632
278	0.903
279	0.755
280	0.793
281	0.920
282	0.631
283	0.852
284	0.923
285	0.813
286	0.763

Detailed Drillhole Report – PB12-036

Hole Number: PB12-036

Project:	West Red Lake	Northing:	5654273	Hole Type:	Diamond Drill
Prospect:	Pancake Bay	Easting:	0413035	Hole Size:	NQ
Claim Number:	1234022	Elevation	354 m	Collar Survey:	Yes
Proposed Hole:	PB-06	Collar Azimuth:	255°	Downhole Survey:	Yes
Date Started:	March 3, 2012.	Collar Dip:	-45°	Casing:	Capped
Date Completed:	March 9, 2012.	Final Depth:	208 m	Drilling Contractor:	Vital Drilling
Logged by:	Sean Timpa	Length:	208 m	Core Storage:	GoldCorp Core Storage

Detailed Lithology

From	To	Lithology	Comments	Minor Lithology	Assay Data
0.00	11.80	Casing	Overburden		

11.80	28.60	Talcose Ultramafics				Soft, fine-grained, medium grey talcose ultramafics. Strongly magnetic. Strongly magnetic, harder than typical talc, abundant carbonate, similar to last unit in PB12-034, frequent fracturing and veining.	<p>16.00 - 16.75: Porphyritic Mafic Dyke Medium hardness, fine-grained, dark grey porphyritic mafic dyke. Contains 1% of an unidentified phenocryst phase ~3 mm in diameter. Small mafic dyke, phenocrysts pseudomorphed to chlorite patches.</p> <p>17.90 - 18.10: Porphyritic Mafic Dyke Medium hardness, fine-grained, dark grey porphyritic mafic dyke. Contains 1% of an unidentified phenocryst phase ~3 mm in diameter. Small mafic dyke, phenocrysts pseudomorphed to chlorite patches.</p> <p>18.33 - 20.38: Porphyritic Mafic Dyke Medium hardness, fine-grained, dark grey porphyritic mafic dyke. Contains 1% of an unidentified phenocryst phase ~3 mm in diameter. Small mafic dyke, phenocrysts pseudomorphed to chlorite patches.</p>	<table border="1"> <thead> <tr> <th>Sample</th> <th>From</th> <th>To</th> <th>Length</th> <th>Au</th> </tr> </thead> <tbody> <tr><td>I591176</td><td>11.80</td><td>13.00</td><td>1.20</td><td>0.005</td></tr> <tr><td>I591177</td><td>13.00</td><td>14.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I591178</td><td>14.00</td><td>15.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I591179</td><td>15.00</td><td>16.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I591180</td><td>16.00</td><td>17.00</td><td>1.00</td><td>0.003</td></tr> <tr><td>I591181</td><td>17.00</td><td>18.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I591182</td><td>18.00</td><td>19.00</td><td>1.00</td><td>0.004</td></tr> <tr><td>I591183</td><td>19.00</td><td>20.00</td><td>1.00</td><td><0.001</td></tr> <tr><td>I591184</td><td>20.00</td><td>21.00</td><td>1.00</td><td>0.024</td></tr> <tr><td>I591185</td><td>21.00</td><td>22.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I591186</td><td>22.00</td><td>23.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I591187</td><td>23.00</td><td>24.00</td><td>1.00</td><td>0.001</td></tr> <tr><td>I591188</td><td>24.00</td><td>25.00</td><td>1.00</td><td>0.002</td></tr> <tr><td>I591189</td><td>25.00</td><td>26.00</td><td>1.00</td><td><0.001</td></tr> <tr><td>I591190</td><td>28.00</td><td>28.50</td><td>0.50</td><td>0.001</td></tr> </tbody> </table>					Sample	From	To	Length	Au	I591176	11.80	13.00	1.20	0.005	I591177	13.00	14.00	1.00	0.001	I591178	14.00	15.00	1.00	0.001	I591179	15.00	16.00	1.00	0.003	I591180	16.00	17.00	1.00	0.003	I591181	17.00	18.00	1.00	0.002	I591182	18.00	19.00	1.00	0.004	I591183	19.00	20.00	1.00	<0.001	I591184	20.00	21.00	1.00	0.024	I591185	21.00	22.00	1.00	0.002	I591186	22.00	23.00	1.00	0.002	I591187	23.00	24.00	1.00	0.001	I591188	24.00	25.00	1.00	0.002	I591189	25.00	26.00	1.00	<0.001	I591190	28.00	28.50	0.50	0.001
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From	To	Structure	DTCA																																																																																									
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33.16	82.30	Talcosite Ultramafics				Soft, fine-grained, medium grey talcosite ultramafics. Strongly magnetic. Strongly magnetic, harder than typical talc, abundant carbonate, similar to last unit in PB12-034, frequent fracturing and veining.	58.15 - 58.90: Aphyric Mafic Dyke Medium hardness, fine-grained, dark grey aphyric mafic dyke.	Sample	From	To	Length	Au
		Structure	DTCA	I591192	34.00			35.00	1.00	0.003		
		From	To	Structure	DTCA			I591193	37.00	38.00	1.00	0.003
		37.40	37.55	VN-QC	45			I591194	38.00	39.00	1.00	0.002
		38.68	38.71	VN-QC	45			I591195	39.00	40.00	1.00	0.002
		39.67	40.07	VN-ANK				I591196	40.00	41.00	1.00	0.001
		41.95	41.97	VN-Qtz	35			I591197	41.00	42.00	1.00	0.001
		44.27	44.50	VN-QC				I591198	42.00	43.00	1.00	<0.001
		44.75	45.00	VN-ANK	35			I591199	43.00	44.00	1.00	0.003
		45.45	45.90	VN-ANK				I591201	44.00	45.00	1.00	0.004
		47.06	47.25	VN-ANK				I591202	45.00	46.00	1.00	0.005
		47.80	47.90	VN-ANK	45			I591203	46.00	47.00	1.00	0.001
		48.17	48.25	VN-ANK	45			I591204	47.00	48.00	1.00	0.001
		51.93	52.33	VN-QC				I591205	48.00	49.00	1.00	0.001
		56.27	56.37	VN-QC	45			I591206	49.00	50.00	1.00	0.006
		56.70	56.78	VN-QC	60			I591207	50.00	51.00	1.00	0.022
		57.34	57.48	VN-QC	40			I591208	51.00	52.00	1.00	0.005
		58.15	58.15	CT	30			I591209	52.00	53.00	1.00	0.005
		58.90	58.90	CT	15			I591210	53.00	54.00	1.00	0.004
		79.20	80.40	FT				I591211	54.00	55.00	1.00	<0.001
82.30	82.30	CT		I591212	55.00	56.00	1.00	<0.001				
				I591213	56.00	57.00	1.00	0.001				
				I591214	57.00	58.00	1.00	0.002				
				I591215	58.00	59.00	1.00	0.001				
				I591216	59.00	60.00	1.00	0.002				
				I591217	60.00	61.00	1.00	0.002				
				I591218	61.00	62.00	1.00	0.001				
				I591219	64.00	65.00	1.00	0.001				
				I591220	67.00	68.00	1.00	0.002				

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Sample	From	To	Length	Au																																																													
I591221	70.00	71.00	1.00	0.001																																																													
I591222	73.00	74.00	1.00	0.001																																																													
I591223	76.00	77.00	1.00	0.001																																																													
I591224	79.00	80.40	1.40	0.002																																																													
82.30	89.68	Basalt Structure <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>88.53</td> <td>88.93</td> <td>FT</td> <td></td> </tr> <tr> <td>89.68</td> <td>89.68</td> <td>CT</td> <td>50</td> </tr> </tbody> </table>				From	To	Structure	DTCA	88.53	88.93	FT		89.68	89.68	CT	50	Medium hardness, fine-grained, very dark green basalt.																																															
From	To	Structure	DTCA																																																														
88.53	88.93	FT																																																															
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89.68	98.50	Undifferentiated Clastic Sediment Structure <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>92.40</td> <td>92.70</td> <td>FRAC</td> <td></td> </tr> <tr> <td>98.50</td> <td>98.50</td> <td>CT</td> <td></td> </tr> </tbody> </table>				From	To	Structure	DTCA	92.40	92.70	FRAC		98.50	98.50	CT		Medium hardness, fine-grained, medium grey undifferentiated clastic sediment. A variety of sediments, variably altered and tectonized.																																															
From	To	Structure	DTCA																																																														
92.40	92.70	FRAC																																																															
98.50	98.50	CT																																																															
98.50	104.98	Sulfide Iron Formation Structure <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>102.80</td> <td>103.53</td> <td>VN-QTZ</td> <td></td> </tr> <tr> <td>104.98</td> <td>104.98</td> <td>CT</td> <td>55</td> </tr> </tbody> </table>				From	To	Structure	DTCA	102.80	103.53	VN-QTZ		104.98	104.98	CT	55	Medium hardness, very fine-grained, black sulfide iron formation. Weak sulfide mineralization, some calcite mixed in to upper half of unit.																																															
From	To	Structure	DTCA																																																														
102.80	103.53	VN-QTZ																																																															
104.98	104.98	CT	55																																																														
104.98	106.15	Marble Structure <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Structure</th> <th>DTCA</th> </tr> </thead> <tbody> <tr> <td>106.15</td> <td>106.15</td> <td>CT</td> <td>55</td> </tr> </tbody> </table>				From	To	Structure	DTCA	106.15	106.15	CT	55	Medium hardness, medium-grained, white marble. Reacts strongly with HCl.																																																			
From	To	Structure	DTCA																																																														
106.15	106.15	CT	55																																																														
						<table border="1"> <tbody> <tr> <td>I591229</td> <td>91.00</td> <td>92.00</td> <td>1.00</td> <td>0.002</td> </tr> <tr> <td>I591230</td> <td>92.00</td> <td>93.00</td> <td>1.00</td> <td>0.001</td> </tr> <tr> <td>I591231</td> <td>93.00</td> <td>94.00</td> <td>1.00</td> <td>0.006</td> </tr> <tr> <td>I591232</td> <td>94.00</td> <td>95.00</td> <td>1.00</td> <td>0.002</td> </tr> <tr> <td>I591233</td> <td>95.00</td> <td>96.00</td> <td>1.00</td> <td><0.001</td> </tr> <tr> <td>I591234</td> <td>96.00</td> <td>97.00</td> <td>1.00</td> <td>0.005</td> </tr> <tr> <td>I591235</td> <td>97.00</td> <td>98.00</td> <td>1.00</td> <td>0.002</td> </tr> <tr> <td>I591236</td> <td>100.00</td> <td>101.00</td> <td>1.00</td> <td>0.006</td> </tr> <tr> <td>I591237</td> <td>103.00</td> <td>104.00</td> <td>1.00</td> <td>0.006</td> </tr> <tr> <td>I591238</td> <td>104.00</td> <td>104.90</td> <td>0.90</td> <td>0.003</td> </tr> <tr> <td>I591239</td> <td>104.90</td> <td>106.15</td> <td>1.25</td> <td><0.001</td> </tr> </tbody> </table>					I591229	91.00	92.00	1.00	0.002	I591230	92.00	93.00	1.00	0.001	I591231	93.00	94.00	1.00	0.006	I591232	94.00	95.00	1.00	0.002	I591233	95.00	96.00	1.00	<0.001	I591234	96.00	97.00	1.00	0.005	I591235	97.00	98.00	1.00	0.002	I591236	100.00	101.00	1.00	0.006	I591237	103.00	104.00	1.00	0.006	I591238	104.00	104.90	0.90	0.003	I591239	104.90	106.15	1.25	<0.001
I591229	91.00	92.00	1.00	0.002																																																													
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I591239	104.90	106.15	1.25	<0.001																																																													

106.15	111.80	Undifferentiated Clastic Sediment				Medium hardness, fine-grained, medium grey undifferentiated clastic sediment. A variety of sediments, variably altered and tectonized.			Sample	From	To	Length	Au		
		Structure							I591240	106.15	107.20	1.05	0.001		
		From	To	Structure	DTCA				I591241	107.20	108.00	0.80	0.001		
		106.20	107.10	CT	55				I591242	108.00	109.00	1.00	0.001		
		111.80	111.80	CT	60				I591243	109.00	110.00	1.00	0.001		
111.80	115.00	Basalt				Medium hardness, fine-grained, very dark green basalt.			I591244	112.00	113.00	1.00	0.002		
		Structure													
		From	To	Structure	DTCA										
				115.00	115.00	VN	50								
115.00	129.08	Talcose Ultramafics				Soft, fine-grained, medium grey talcose ultramafics. Strongly magnetic.	122.15 - 122.50: Aphyric Felsic Dyke Medium hardness, fine-grained, dark grey aphyric felsic dyke.		I591245	115.00	116.00	1.00	0.001		
		Structure							I591246	118.00	119.00	1.00	0.001		
		From	To	Structure	DTCA				I591247	121.00	122.00	1.00	0.002		
		115.00	115.20	VN-Qtz					I591248	124.00	125.22	1.22	0.001		
		122.15	122.15	CT	40				I591249	127.00	128.00	1.00	<0.001		
		122.50	122.50	CT	30										
		129.08	129.08	CT	40										

Samples

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591176	11.80	13.00	0.005	1/2 Core	TB12059199	Talcose Ultramafics			
I591177	13.00	14.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591178	14.00	15.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591179	15.00	16.00	0.003	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein at 35 dtca from 15.00 to 15.30 m; Ankerite vein from 15.45 to 15.53 m		
I591180	16.00	17.00	0.003	1/2 Core	TB12059199	Porphyritic Mafic Dyke	Broken contact at 16.00 m; Broken contact at 16.75 m		
I591181	17.00	18.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein from 17.00 to 17.40 m; Chilled margin at 20 dtca at 17.90 m		
I591182	18.00	19.00	0.004	1/2 Core	TB12059199	Porphyritic Mafic Dyke	Chilled margin at 20 dtca at 18.10 m; Broken contact at 18.33 m		
I591183	19.00	20.00	<0.001	1/2 Core	TB12059199	Porphyritic Mafic Dyke			
I591184	20.00	21.00	0.024	1/2 Core	TB12059199	Talcose Ultramafics	Chilled margin at 25 dtca at 20.38 m		
I591185	21.00	22.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics			
I591186	22.00	23.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein at 45 dtca from 22.60 to 22.83 m		
I591187	23.00	24.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein at 50 dtca from 23.20 to 23.40 m		
I591188	24.00	25.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein at 45 dtca from 24.24 to 24.50 m		
I591189	25.00	26.00	<0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591190	28.00	28.50	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591191	31.00	32.00	0.016	1/2 Core	TB12059199	Basalt			
I591192	34.00	35.00	0.003	1/2 Core	TB12059199	Talcose Ultramafics			
I591193	37.00	38.00	0.003	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein at 45 dtca from 37.40 to 37.55 m		
I591194	38.00	39.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein at 45 dtca from 38.68 to 38.71 m		
I591195	39.00	40.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics	Ankerite vein from 39.67 to 40.00 m		
I591196	40.00	41.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics	Ankerite vein from 40.00 to 40.07 m		
I591197	41.00	42.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics	Quartz vein at 35 dtca from 41.95 to 41.97 m		
I591198	42.00	43.00	<0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591199	43.00	44.00	0.003	1/2 Core	TB12059199	Talcose Ultramafics			
I591200			3.660	Reference Material	TB12059199	OREAS 68a			

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591201	44.00	45.00	0.004	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein from 44.27 to 44.50 m; Ankerite vein at 35 dtca from 44.75 to 45.00 m		
I591202	45.00	46.00	0.005	1/2 Core	TB12059199	Talcose Ultramafics	Ankerite vein from 45.45 to 45.90 m		
I591203	46.00	47.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591204	47.00	48.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics	Ankerite vein from 47.06 to 47.25 m; Ankerite vein at 45 dtca from 47.80 to 47.90 m		
I591205	48.00	49.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics	Ankerite vein at 45 dtca from 48.17 to 48.25 m		
I591206	49.00	50.00	0.006	1/2 Core	TB12059199	Talcose Ultramafics			
I591207	50.00	51.00	0.022	1/2 Core	TB12059199	Talcose Ultramafics			
I591208	51.00	52.00	0.005	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein from 51.93 to 52.00 m		
I591209	52.00	53.00	0.005	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein from 52.00 to 52.33 m		
I591210	53.00	54.00	0.004	1/2 Core	TB12059199	Talcose Ultramafics			
I591211	54.00	55.00	<0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591212	55.00	56.00	<0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591213	56.00	57.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein at 45 dtca from 56.27 to 56.37 m; Quartz-carbonate vein at 60 dtca from 56.70 to 56.78 m		
I591214	57.00	58.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics	Quartz-carbonate vein at 40 dtca from 57.34 to 57.48 m		
I591215	58.00	59.00	0.001	1/2 Core	TB12059199	Aphyric Mafic Dyke	Chilled margin at 30 dtca at 58.15 m; Chilled margin at 15 dtca at 58.90 m		
I591216	59.00	60.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics			
I591217	60.00	61.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics			
I591218	61.00	62.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591219	64.00	65.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591220	67.00	68.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics			
I591221	70.00	71.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591222	73.00	74.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591223	76.00	77.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591224	79.00	80.40	0.002	1/2 Core	TB12059199	Talcose Ultramafics	Fault from 79.20 to 80.40 m		
I591225			0.018	Blank	TB12059199	KBG-F2010			
I591226	82.30	83.00	0.001	1/2 Core	TB12059199	Basalt	Broken contact at 82.30 m		
I591227	85.00	86.00	0.002	1/2 Core	TB12059199	Basalt		Moderate pervasive silica from 85.30 to 86.00 m	

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591228	88.00	89.00	0.003	1/2 Core	TB12059199	Basalt	Fault from 88.53 to 88.93 m	Moderate pervasive silica from 88.00 to 89.00 m	
I591229	91.00	92.00	0.002	1/2 Core	TB12059199	Clastic Sediments			
I591230	92.00	93.00	0.001	1/2 Core	TB12059199	Clastic Sediments	Fracture zone from 92.40 to 92.70 m		
I591231	93.00	94.00	0.006	1/2 Core	TB12059199	Clastic Sediments			
I591232	94.00	95.00	0.002	1/2 Core	TB12059199	Clastic Sediments		Strong pervasive silica from 94.80 to 95.00 m	
I591233	95.00	96.00	<0.001	1/2 Core	TB12059199	Clastic Sediments		Strong pervasive silica from 95.00 to 96.00 m	
I591234	96.00	97.00	0.005	1/2 Core	TB12059199	Clastic Sediments			
I591235	97.00	98.00	0.002	1/2 Core	TB12059199	Clastic Sediments		Weak localized silica from 97.30 to 98.00 m	
I591236	100.00	101.00	0.006	1/2 Core	TB12059199	Sulfide Iron Formation			1% fine-grained, disseminated py from 100.00 to 101.00 m
I591237	103.00	104.00	0.006	1/2 Core	TB12059199	Sulfide Iron Formation	Quartz vein from 103.00 to 103.53 m		1% fine-grained, disseminated py from 103.00 to 104.00 m
I591238	104.00	104.90	0.003	1/2 Core	TB12059199	Sulfide Iron Formation			1% fine-grained, disseminated py from 104.00 to 104.90 m
I591239	104.90	106.15	<0.001	1/2 Core	TB12059199	Marble	Sharp contact at 55 dtca at 104.98 m		1% fine-grained, disseminated py from 104.90 to 104.98 m
I591240	106.15	107.20	0.001	1/2 Core	TB12059199	Clastic Sediments	Sharp contact at 55 dtca at 106.15 m; Shear at 55 dtca from 106.20 to 107.10 m	Strong pervasive silica from 106.20 to 107.10 m; Strong chlorite from 106.20 to 107.10 m	
I591241	107.20	108.00	0.001	1/2 Core	TB12059199	Clastic Sediments			
I591242	108.00	109.00	0.001	1/2 Core	TB12059199	Clastic Sediments			
I591243	109.00	110.00	0.001	1/2 Core	TB12059199	Clastic Sediments		Strong pervasive silica from 109.50 to 110.00 m; Strong chlorite from 109.50 to 110.00 m	
I591244	112.00	113.00	0.002	1/2 Core	TB12059199	Basalt			
I591245	115.00	116.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics	Vein at 50 dtca at 115.00 m; Quartz vein from 115.00 to 115.20 m		
I591246	118.00	119.00	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591247	121.00	122.00	0.002	1/2 Core	TB12059199	Talcose Ultramafics			
I591248	124.00	125.22	0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591249	127.00	128.00	<0.001	1/2 Core	TB12059199	Talcose Ultramafics			
I591250			2.080	Reference Material	TB12059199	OREAS 67a			
I591251	130.00	131.00	0.001	1/2 Core	TB12059199	Sandstone			
I591252	133.00	134.00	0.001	1/2 Core	TB12059199	Sandstone			
I591253	136.00	137.00	0.001	1/2 Core	TB12059199	Sandstone			

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591254	139.00	140.00	0.022	1/2 Core	TB12059199	Sandstone		Weak banded silica from 139.00 to 140.00 m	
I591255	142.00	143.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 142.00 to 143.00 m	
I591256	145.00	146.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 145.00 to 146.00 m	
I591257	148.00	149.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 148.00 to 149.00 m	
I591258	151.00	152.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 151.00 to 152.00 m	
I591259	154.00	155.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 154.00 to 155.00 m	
I591260	155.00	156.40	<0.001	1/2 Core	TB12059199	Sandstone	Fault from 155.95 to 156.25 m	Weak banded silica from 155.00 to 155.50 m; Strong pervasive silica from 155.50 to 156.40 m	
I591261	156.40	157.00	<0.001	1/2 Core	TB12059199	Sandstone		Strong pervasive silica from 156.40 to 156.50 m; Weak banded silica from 156.50 to 157.00 m	
I591262	157.00	158.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 157.00 to 18.00 m	
I591263	160.00	161.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 160.00 to 161.00 m	
I591264	163.00	164.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 163.00 to 164.00 m	
I591265	166.00	167.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 166.00 to 167.00 m	
I591266	169.00	170.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 169.00 to 170.00 m	
I591267	172.00	173.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 172.00 to 173.00 m	
I591268	175.00	176.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 175.00 to 176.00 m	
I591269	178.00	179.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 178.00 to 179.00 m	
I591270	181.00	182.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 181.00 to 182.00 m	
I591271	184.00	185.00	0.013	1/2 Core	TB12059199	Sandstone		Weak banded silica from 184.00 to 185.00 m	

Sample	From	To	Au (ppm)	Type	Certificate	Lithology	Structure	Alteration	Mineralization
I591272	187.00	188.00	0.004	1/2 Core	TB12059199	Sandstone		Weak banded silica from 187.00 to 188.00 m	
I591273	190.00	191.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 190.00 to 191.00 m	
I591274	193.00	194.00	0.004	1/2 Core	TB12059199	Sandstone		Weak banded silica from 193.00 to 194.00 m	
I591275			0.005	Blank	TB12059199	KBG-F2010			
I591276	196.00	197.00	0.002	1/2 Core	TB12059199	Sandstone		Weak banded silica from 196.00 to 197.00 m	
I591277	199.00	200.00	<0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 199.00 to 200.00 m	
I591278	202.00	203.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 202.00 to 203.00 m	
I591279	205.00	206.00	0.001	1/2 Core	TB12059199	Sandstone		Weak banded silica from 205.00 to 206.00 m	

Survey Data

Depth (m)	Azimuth	Dip	Test Type	Flag	Comments
0.00	255.0	-45.0	Compass	OK	
52.00	246.4	-44.6	Reflex	Warning	Mag Field = 6124
100.00	265.2	-44.9	Reflex	OK	Mag Field = 5454
150.00	258.6	-44.7	Reflex	OK	Mag Field = 5802

Core Recovery and Fractures

From	To	Recovery	Fractures
11.80	13.00	100.0%	31
13.00	16.00	96.7%	25
16.00	19.00	93.7%	999
19.00	22.00	93.7%	999
22.00	25.00	100.0%	999
25.00	28.00	66.7%	999
28.00	31.00	90.0%	25
31.00	34.00	98.3%	16
34.00	37.00	96.7%	18
37.00	40.00	104.7%	15
40.00	43.00	103.3%	8
43.00	46.00	95.7%	8
46.00	49.00	96.7%	11
49.00	52.00	101.7%	25
52.00	55.00	103.3%	23
55.00	58.00	94.0%	12
58.00	61.00	103.3%	17

From	To	Recovery	Fractures
61.00	64.00	101.7%	11
64.00	67.00	100.7%	9
67.00	70.00	96.7%	9
70.00	73.00	94.0%	14
73.00	76.00	95.3%	12
76.00	79.00	98.0%	20
79.00	82.00	106.0%	999
82.00	85.00	101.7%	999
85.00	88.00	103.3%	15
88.00	91.00	98.7%	15
91.00	94.00	100.0%	20
94.00	97.00	97.3%	17
97.00	100.00	103.3%	2
100.00	103.00	96.7%	14
103.00	106.00	101.7%	10
106.00	109.00	101.0%	13
109.00	112.00	98.7%	7

From	To	Recovery	Fractures
112.00	115.00	101.7%	10
115.00	118.00	96.7%	10
118.00	121.00	100.7%	10
121.00	124.00	99.3%	13
124.00	127.00	100.0%	14
127.00	130.00	90.0%	50
130.00	133.00	103.3%	30
133.00	136.00	100.0%	17
136.00	139.00	103.3%	40
139.00	142.00	103.3%	25
142.00	145.00	100.0%	12
145.00	148.00	98.3%	16
148.00	151.00	98.7%	12
151.00	154.00	98.7%	4
154.00	157.00	100.7%	30
157.00	160.00	100.0%	8

From	To	Recovery	Fractures
160.00	163.00	100.0%	11
163.00	166.00	99.7%	12
166.00	169.00	101.0%	7
169.00	172.00	101.0%	10
172.00	175.00	96.7%	8
175.00	178.00	100.0%	16
178.00	181.00	100.0%	6
181.00	184.00	98.7%	11
184.00	187.00	100.0%	12
187.00	190.00	100.0%	20
190.00	193.00	101.0%	14
193.00	196.00	98.7%	12
196.00	199.00	101.3%	8
199.00	202.00	100.0%	10
202.00	205.00	100.0%	9
205.00	208.00	99.3%	5

Magnetic Susceptibility

Depth	Mag Sus
12	109.960
13	107.857
14	54.749
15	7.118
16	37.017
17	64.304
18	0.713
19	1.905
20	1.995
21	46.482
22	77.986
23	46.012
24	130.308
25	95.655
26	64.338
27	64.314
28	74.844
29	4.460
30	2.531
31	0.972
32	1.511
33	1.426
34	108.534
35	125.745
36	70.966
37	34.542
38	84.557
39	117.887

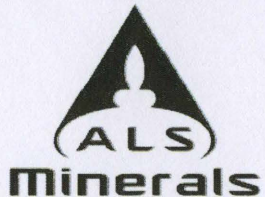
Depth	Mag Sus
40	20.624
41	100.548
42	113.907
43	104.097
44	103.604
45	27.493
46	53.292
47	62.661
48	77.299
49	54.551
50	87.817
51	97.232
52	29.601
53	67.186
54	69.475
55	178.667
56	146.991
57	86.111
58	49.335
59	133.037
60	50.849
61	100.531
62	103.386
63	102.089
64	113.508
65	105.079
66	121.516
67	114.792

Depth	Mag Sus
68	95.674
69	76.596
70	119.265
71	145.506
72	131.964
73	131.655
74	159.885
75	129.862
76	99.811
77	109.137
78	98.092
79	88.708
80	64.765
81	73.938
82	28.249
83	1.731
84	0.790
85	0.876
86	4.670
87	0.652
88	1.185
89	1.775
90	3.448
91	1.430
92	0.231
93	0.892
94	0.550
95	2.601

Depth	Mag Sus
96	0.506
97	0.837
98	0.358
99	0.349
100	0.247
101	0.851
102	2.208
103	0.647
104	5.082
105	1.017
106	0.177
107	1.458
108	3.077
109	1.312
110	0.839
111	0.951
112	1.242
113	4.790
114	12.934
115	4.103
116	88.482
117	96.388
118	70.203
119	115.880
120	85.673
121	138.484
122	89.549
123	129.095

Depth	Mag Sus
124	106.188
125	52.475
126	126.155
127	112.223
128	76.612
129	2.027
130	0.736
131	0.189
132	0.118
133	0.139
134	0.173
135	0.134
136	0.387
137	0.364
138	0.177
139	0.558
140	0.151
141	0.190
142	0.118
143	0.146
144	0.046
145	0.115
146	0.134
147	0.113
148	0.116
149	0.041
150	0.124
151	0.112

Depth	Mag Sus
152	0.052
153	0.049
154	0.053
155	0.123
156	0.031
157	0.038
158	0.116
159	0.041
160	0.045
161	0.046
162	0.130
163	0.133
164	0.038
165	0.072
166	0.165
167	0.134
168	0.057
169	0.042
170	0.176
171	0.034
172	0.123
173	0.127
174	0.124
175	0.126
176	0.213
177	0.107
178	0.105
179	0.128



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Page: 1
Finalized Date: 8- MAR- 2012
Account: HALRES

CERTIFICATE TB12042159

Project: PB12- 032
P.O. No.: PB12- 032
This report is for 200 Drill Core samples submitted to our lab in Thunder Bay, ON,
Canada on 28- FEB- 2012.

The following have access to data associated with this certificate:

LYNDA BLOOM
SEAN TIMPA

HALO RESOURCES DATA ACCESS

NAAZNIN PASTAKIA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75 um

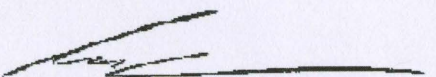
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP22	Au 50g FA ICP- AES finish	ICP- AES

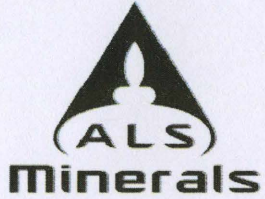
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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Project: PB12- 032

CERTIFICATE OF ANALYSIS TB12042159

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP22
		Recvd Wt. kg	Au ppm
1590501		2.19	0.004
1590502		2.30	0.004
1590503		2.49	0.016
1590504		1.91	0.006
1590505		2.16	0.003
1590506		2.28	0.008
1590507		2.10	0.002
1590508		1.68	0.001
1590509		1.91	0.004
1590510		1.76	0.005
1590511		1.88	0.010
1590512		2.66	0.007
1590513		1.93	0.006
1590514		2.20	0.013
1590515		2.15	0.043
1590516		2.35	0.019
1590517		1.89	0.001
1590518		2.40	0.004
1590519		2.27	0.079
1590520		2.22	0.007
1590521		2.39	0.071
1590522		2.19	0.069
1590523		2.52	0.025
1590524		2.37	0.088
1590525		0.34	0.001
1590526		2.67	0.390
1590527		2.11	0.131
1590528		2.30	0.069
1590529		2.46	0.175
1590530		2.94	0.126
1590531		1.92	0.036
1590532		2.47	0.220
1590533		1.96	0.189
1590534		2.46	0.083
1590535		1.69	0.007
1590536		2.13	0.964
1590537		3.52	0.075
1590538		2.29	0.039
1590539		1.89	0.004
1590540		2.12	0.043



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Project: PB12- 032

CERTIFICATE OF ANALYSIS TB12042159

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
		0.02	0.001
1590541		2.44	0.002
1590542		2.24	0.002
1590543		2.19	0.039
1590544		2.54	0.006
1590545		2.01	0.052
1590546		1.91	0.020
1590547		2.33	0.026
1590548		2.41	0.609
1590549		2.74	0.852
1590550		0.06	2.17
1590551		2.18	0.022
1590552		2.38	0.030
1590553		2.23	0.003
1590554		2.22	0.007
1590555		2.46	0.003
1590556		2.44	0.032
1590557		2.42	0.024
1590558		1.79	0.041
1590559		2.40	0.036
1590560		3.01	0.085
1590561		2.38	0.098
1590562		2.84	0.296
1590563		3.04	0.052
1590564		1.65	0.015
1590565		2.25	0.010
1590566		2.55	0.010
1590567		2.27	0.003
1590568		2.25	0.032
1590569		2.30	0.025
1590570		2.21	0.009
1590571		2.24	0.011
1590572		2.13	0.008
1590573		2.28	0.003
1590574		2.22	0.874
1590575		0.68	0.002
1590576		2.61	0.005
1590577		1.80	0.001
1590578		2.44	0.005
1590579		2.63	0.004
1590580		2.08	0.002



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Project: PB12- 032

CERTIFICATE OF ANALYSIS TB12042159

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP22
		Recvd Wt. kg	Au ppm
1590581		2.06	0.003
1590582		2.52	0.008
1590583		2.59	0.006
1590584		2.27	0.007
1590585		2.29	0.004
1590586		2.44	0.002
1590587		2.24	0.004
1590588		2.30	0.004
1590589		2.29	0.002
1590590		2.25	0.012
1590591		2.21	0.002
1590592		1.65	0.016
1590593		1.97	0.012
1590594		1.91	0.012
1590595		2.32	0.847
1590596		2.10	0.027
1590597		2.24	0.018
1590598		2.63	0.003
1590599		1.94	0.021
1590600		0.06	3.54
1590601		2.30	0.041
1590602		2.18	0.024
1590603		2.08	0.004
1590604		2.06	0.009
1590605		2.31	0.005
1590606		2.51	0.009
1590607		1.62	0.118
1590608		2.54	0.094
1590609		2.89	0.024
1590610		1.85	0.024
1590611		2.42	0.253
1590612		2.24	0.010
1590613		2.25	0.048
1590614		2.18	0.008
1590615		2.21	0.148
1590616		2.10	0.166
1590617		1.92	0.066
1590618		2.37	0.086
1590619		2.14	0.076
1590620		2.35	0.002



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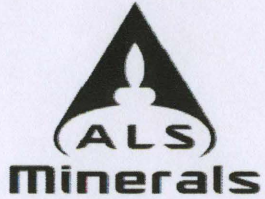
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CERTIFICATE OF ANALYSIS TB12042159

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP22
		Recvd Wt. kg 0.02	Au ppm 0.001
I590621		1.94	0.007
I590622		2.21	0.011
I590623		2.29	0.018
I590624		2.00	0.060
I590625		0.52	0.001
I590626		2.24	0.004
I590627		2.56	0.019
I590628		2.06	0.005
I590629		1.34	0.002
I590630		2.50	0.003
I590631		2.22	0.007
I590632		2.37	0.004
I590633		2.15	0.001
I590634		2.06	0.001
I590635		2.23	0.068
I590636		2.25	0.061
I590637		2.22	0.007
I590638		2.10	0.190
I590639		2.43	0.001
I590640		2.22	0.038
I590641		2.19	0.059
I590642		2.31	0.050
I590643		2.31	0.003
I590644		2.43	0.012
I590645		2.26	0.004
I590646		1.99	0.003
I590647		0.27	0.002
I590648		2.39	0.002
I590649		2.11	0.002
I590650		0.06	2.06
I590651		2.02	0.013
I590652		2.27	0.003
I590653		2.18	0.001
I590654		2.09	0.001
I590655		2.19	0.001
I590656		2.11	0.044
I590657		2.15	0.051
I590658		2.24	0.002
I590659		1.59	0.126
I590660		2.39	0.312



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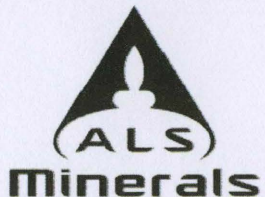
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CERTIFICATE OF ANALYSIS TB12042159

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
		0.02	0.001
1590661		2.23	0.002
1590662		1.47	0.001
1590663		1.76	0.002
1590664		1.96	<0.001
1590665		1.74	0.032
1590666		1.37	0.022
1590667		2.30	0.001
1590668		3.00	0.020
1590669		1.99	0.001
1590670		2.71	0.003
1590671		2.03	0.048
1590672		2.19	0.019
1590673		2.18	0.104
1590674		2.55	0.003
1590675		0.84	<0.001
1590676		2.28	0.133
1590677		2.23	0.057
1590678		2.29	0.203
1590679		2.37	0.148
1590680		2.47	0.099
1590681		2.24	0.069
1590682		2.26	0.423
1590683		1.92	0.981
1590684		2.17	0.076
1590685		3.19	0.010
1590686		2.50	0.023
1590687		2.55	0.037
1590688		3.26	0.033
1590689		3.30	0.028
1590690		3.43	0.050
1590691		3.07	0.086
1590692		2.46	0.066
1590693		2.10	0.024
1590694		2.84	0.118
1590695		2.73	0.049
1590696		2.37	0.026
1590697		2.26	0.008
1590698		2.31	<0.001
1590699		3.12	0.005
1590700		0.06	3.71



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Page: 1
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CERTIFICATE TB12048097

Project: PB12- 033
 P.O. No.: PB12- 033
 This report is for 129 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 6- MAR- 2012.

The following have access to data associated with this certificate:

LYNDA BLOOM
 SEAN TIMPA

HALO RESOURCES DATA ACCESS

NAAZNIN PASTAKIA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- 31	Fine crushing - 70% < 2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75. um

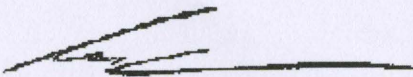
ANALYTICAL PROCEDURES

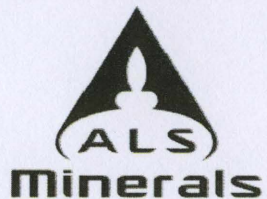
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP22	Au 50g FA ICP- AES finish	ICP- AES

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

Signature:


 Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 5 (A)
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Project: PB12- 033

CERTIFICATE OF ANALYSIS TB12048097

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
		0.02	0.001
I590701		1.32	0.006
I590702		2.17	0.014
I590703		2.01	0.004
I590704		2.00	0.150
I590705		1.82	0.006
I590706		1.78	0.048
I590707		1.76	0.007
I590708		2.01	0.020
I590709		2.06	0.019
I590710		2.11	0.003
I590711		2.08	0.021
I590712		2.07	0.015
I590713		1.91	0.001
I590714		1.89	0.195
I590715		2.46	0.058
I590716		2.38	0.005
I590717		2.00	0.003
I590718		2.02	0.001
I590719		2.27	0.087
I590720		2.08	0.029
I590721		2.08	0.008
I590722		1.99	0.003
I590723		2.19	0.006
I590724		2.15	0.003
I590725		1.28	<0.001
I590726		1.80	0.001
I590727		1.52	0.016
I590728		2.25	0.001
I590729		1.85	0.005
I590730		2.21	0.006
I590731		2.16	0.004
I590732		2.33	0.003
I590733		2.34	0.010
I590734		2.40	0.002
I590735		3.85	0.004
I590736		2.18	0.001
I590737		2.22	0.004
I590738		2.33	0.002
I590739		2.29	0.002
I590740		2.34	0.007



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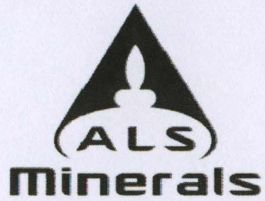
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 Total # Pages: 5 (A)
 Finalized Date: 16- MAR- 2012
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Project: PB12- 033

CERTIFICATE OF ANALYSIS TB12048097

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP22
		Recvd Wt. kg	Au ppm
		0.02	0.001
1590741		2.22	0.003
1590742		2.23	0.002
1590743		1.56	<0.001
1590744		2.01	0.002
1590745		2.10	0.012
1590746		2.38	0.019
1590747		2.56	0.009
1590748		2.39	0.007
1590749		2.79	0.047
1590750		0.07	2.27
1590751		2.21	0.011
1590752		2.14	0.010
1590753		2.27	0.213
1590754		2.23	0.024
1590755		2.26	0.018
1590756		2.07	0.037
1590757		2.27	0.031
1590758		2.22	0.012
1590759		2.51	0.055
1590760		2.28	0.066
1590761		2.29	0.020
1590762		2.29	0.009
1590763		2.40	0.278
1590764		2.24	0.345
1590765		2.24	0.004
1590766		2.30	0.057
1590767		2.25	0.001
1590768		2.53	0.002
1590769		2.26	0.014
1590770		2.19	0.051
1590771		2.27	0.027
1590772		2.16	0.851
1590773		2.27	0.010
1590774		2.33	0.008
1590775		0.25	0.001
1590776		2.15	0.013
1590777		2.25	0.015
1590778		2.56	0.016
1590779		1.43	0.160
1590780		2.93	0.011



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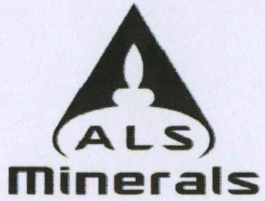
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 Finalized Date: 16- MAR- 2012
 Account: HALRES

Project: PB12- 033

CERTIFICATE OF ANALYSIS TB12048097

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
		0.02	0.001
1590781		2.21	0.007
1590783		3.06	0.006
1590784		4.32	0.007
1590785		2.36	0.003
1590786		2.47	0.009
1590787		2.34	0.006
1590788		2.34	0.036
1590789		2.47	0.006
1590790		2.17	0.006
1590791		2.62	0.004
1590792		2.15	0.001
1590793		2.35	0.001
1590794		2.27	0.002
1590795		2.39	0.007
1590796		2.09	0.003
1590797		3.58	0.002
1590799		3.83	0.001
1590800		0.06	3.75
1590801		2.35	0.007
1590802		2.34	0.018
1590803		2.58	0.010
1590804		2.20	0.002
1590805		2.64	0.027
1590806		2.47	0.020
1590807		2.25	0.002
1590808		2.20	0.005
1590809		2.27	0.003
1590810		1.99	0.004
1590811		2.43	0.005
1590812		3.30	0.003
1590813		2.17	0.012
1590814		2.65	0.005
1590815		1.69	0.005
1590816		2.90	0.006
1590817		2.26	0.005
1590818		2.31	0.057
1590819		2.48	0.357
1590820		2.57	0.112
1590821		2.32	0.043
1590822		2.41	0.004



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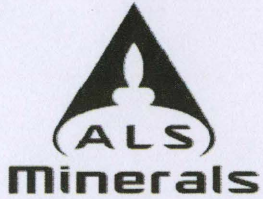
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 Finalized Date: 16- MAR- 2012
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Project: PB12- 033

CERTIFICATE OF ANALYSIS TB12048097

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001
1590823		2.51	0.004
1590824		2.55	0.010
1590825		0.18	<0.001
1590826		2.40	0.002
1590827		2.35	0.032
1590828		2.56	0.001
1590829		2.42	0.004
1590830		2.36	0.009
1590831		2.50	0.002



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CERTIFICATE TB12057058

Project: PB12- 035
P.O. No.: PB12- 035
This report is for 209 Drill Core samples submitted to our lab in Thunder Bay, ON,
Canada on 14- MAR- 2012.

The following have access to data associated with this certificate:

LYNDA BLOOM
SEAN TIMPA

HALO RESOURCES DATA ACCESS

NAAZNIN PASTAKIA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- 31	Fine crushing - 70% < 2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

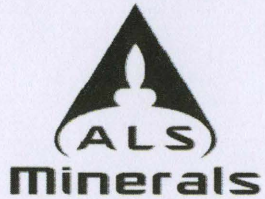
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP22	Au 50g FA ICP- AES finish	ICP- AES

To: HALO RESOURCES LTD
ATTN: NAAZNIN PASTAKIA
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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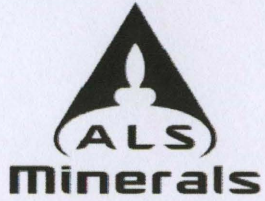
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Project: PB12- 035

CERTIFICATE OF ANALYSIS TB12057058

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
		0.02	0.001
1590967		2.29	0.001
1590968		2.21	0.002
1590969		2.20	0.001
1590970		2.27	0.007
1590971		2.53	0.004
1590972		2.54	0.002
1590973		2.41	0.002
1590974		2.03	0.001
1590975		0.33	0.005
1590976		2.55	0.007
1590977		2.37	0.003
1590978		2.63	0.001
1590979		2.81	0.006
1590980		2.65	0.006
1590981		2.52	0.003
1590982		2.45	<0.001
1590983		1.21	0.007
1590984		2.25	<0.001
1590985		1.43	0.007
1590986		2.42	0.001
1590987		1.34	0.002
1590988		3.11	0.004
1590989		2.68	0.002
1590990		2.38	0.001
1590991		2.02	<0.001
1590992		1.90	<0.001
1590993		2.91	0.014
1590994		1.19	0.002
1590995		3.56	<0.001
1590996		2.23	0.001
1590997		2.31	0.037
1590998		2.17	0.004
1590999		2.85	0.008
1591000		0.06	3.82
1591001		2.73	0.022
1591002		3.19	0.002
1591003		3.20	0.007
1591004		2.43	0.001
1591005		2.02	0.002
1591006		2.55	0.002



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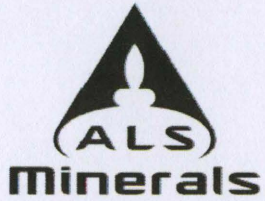
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Project: PB12- 035

CERTIFICATE OF ANALYSIS TB12057058

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP22
		Recvd Wt. kg	Au ppm
		0.02	0.001
I591007		2.30	0.002
I591008		2.45	0.001
I591009		1.59	0.001
I591010		2.69	0.002
I591011		1.99	0.001
I591012		2.60	0.004
I591013		1.84	0.006
I591014		2.64	0.018
I591015		3.55	0.012
I591016		2.22	0.001
I591017		1.44	0.001
I591018		3.33	0.023
I591019		1.31	0.007
I591020		2.40	0.005
I591021		1.98	0.002
I591022		1.94	0.045
I591023		2.04	0.027
I591024		1.58	0.004
I591025		0.38	<0.001
I591026		2.09	0.025
I591027		1.10	0.006
I591028		2.28	0.007
I591029		2.55	0.001
I591030		1.94	0.001
I591031		1.89	0.001
I591032		2.17	0.002
I591033		2.21	0.002
I591034		2.86	0.001
I591035		2.67	<0.001
I591036		2.51	0.004
I591037		1.96	0.003
I591038		1.46	0.006
I591039		2.46	0.009
I591040		2.01	0.008
I591041		2.10	0.008
I591042		2.26	0.004
I591043		2.45	0.007
I591044		2.43	0.001
I591045		2.17	0.002
I591046		2.05	0.001



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Project: PB12- 035

CERTIFICATE OF ANALYSIS TB12057058

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001
1591047		2.95	0.026
1591048		2.18	0.016
1591049		2.56	0.033
1591050		0.06	2.06
1591051		2.36	0.009
1591052		2.24	0.003
1591053		2.42	0.003
1591054		2.08	0.002
1591055		2.12	0.001
1591056		2.17	0.016
1591057		2.16	0.002
1591058		2.42	0.004
1591059		2.19	0.003
1591060		2.11	0.003
1591061		2.25	0.004
1591062		2.41	0.004
1591063		2.17	0.011
1591064		2.30	0.005
1591065		2.24	0.279
1591066		1.90	0.004
1591067		2.35	0.133
1591068		2.10	0.023
1591069		2.34	0.009
1591070		2.18	0.017
1591071		2.37	0.012
1591072		2.30	0.004
1591073		2.56	0.015
1591074		2.05	0.005
1591075		0.47	<0.001
1591076		2.18	0.011
1591077		2.26	0.002
1591078		1.99	0.012
1591079		2.24	0.003
1591080		2.16	0.004
1591081		1.82	0.022
1591082		2.05	0.002
1591083		2.28	0.016
1591084		2.45	0.002
1591085		2.08	0.004
1591086		2.19	0.002



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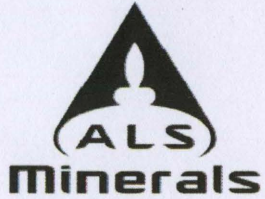
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Project: PB12- 035

CERTIFICATE OF ANALYSIS TB12057058

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001
I591087		2.19	0.001
I591088		2.20	0.001
I591089		2.21	0.003
I591090		2.08	0.005
I591091		2.26	<0.001
I591092		2.16	0.002
I591093		2.21	<0.001
I591094		2.33	0.002
I591095		2.24	0.005
I591096		2.30	0.001
I591097		2.44	0.001
I591098		2.10	0.023
I591099		2.29	0.001
I591100		0.06	3.45
I591101		2.34	0.003
I591102		2.37	0.002
I591103		2.25	<0.001
I591104		2.33	<0.001
I591105		2.44	0.001
I591106		2.40	0.001
I591107		2.29	0.005
I591108		2.18	0.001
I591109		2.30	0.001
I591110		2.74	<0.001
I591111		1.75	0.007
I591112		2.52	0.003
I591113		2.38	0.003
I591114		2.42	0.001
I591115		2.29	0.005
I591116		2.48	0.004
I591117		2.41	0.006
I591118		2.28	0.001
I591119		2.80	0.001
I591120		1.22	0.001
I591121		1.78	0.002
I591122		3.03	0.006
I591123		2.49	0.008
I591124		2.37	0.005
I591125		0.17	<0.001
I591126		2.62	0.029



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Project: PB12- 035

CERTIFICATE OF ANALYSIS TB12057058

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
1591127		2.86	0.005
1591128		1.56	0.002
1591129		1.99	0.003
1591130		2.50	0.002
1591131		1.48	0.003
1591132		2.94	0.004
1591133		1.98	0.001
1591134		3.18	0.002
1591135		2.10	0.004
1591136		2.53	0.004
1591137		2.63	0.008
1591138		3.25	0.005
1591139		1.72	0.001
1591140		2.38	0.003
1591141		2.27	0.002
1591142		2.19	0.001
1591143		2.37	0.002
1591144		2.44	0.004
1591145		2.18	0.002
1591146		3.20	0.004
1591147		3.43	0.002
1591148		1.98	<0.001
1591149		2.19	0.001
1591150		0.07	2.04
1591151		2.19	0.004
1591152		2.34	0.002
1591153		2.13	0.002
1591154		2.23	0.005
1591155		2.51	0.045
1591156		1.93	0.005
1591157		2.19	0.002
1591158		2.39	<0.001
1591159		2.22	0.001
1591160		2.16	0.002
1591161		2.11	<0.001
1591162		3.21	0.001
1591163		3.19	0.007
1591164		2.46	0.002
1591165		1.28	0.001
1591166		2.30	0.003



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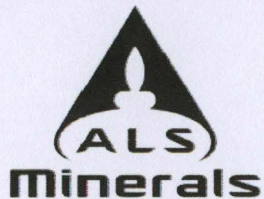
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Project: PB12- 035

CERTIFICATE OF ANALYSIS TB12057058

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001
1591167		2.32	0.002
1591168		2.31	0.002
1591169		2.32	0.003
1591170		2.24	0.003
1591171		2.25	0.002
1591172		1.51	0.004
1591173		2.31	0.002
1591174		2.28	0.003
1591175		0.15	<0.001



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CERTIFICATE TB12059199

Project: PB12- 036
P.O. No.: PB12- 036
This report is for 104 Drill Core samples submitted to our lab in Thunder Bay, ON,
Canada on 16- MAR- 2012.

The following have access to data associated with this certificate:

LYNDA BLOOM
SEAN TIMPA

HALO RESOURCES DATA ACCESS

NAAZNIN PASTAKIA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- 31	Fine crushing - 70% <2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75 um

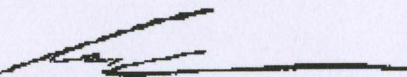
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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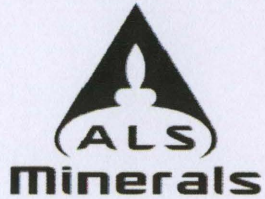
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Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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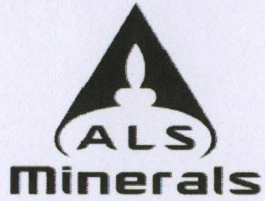
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Project: PB12- 036

CERTIFICATE OF ANALYSIS TB12059199

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP22
		Recvd Wt. kg	Au ppm
		0.02	0.001
1591176		2.79	0.005
1591177		2.24	0.001
1591178		2.06	0.001
1591179		2.34	0.003
1591180		2.08	0.003
1591181		2.20	0.002
1591182		2.05	0.004
1591183		2.16	<0.001
1591184		1.91	0.024
1591185		1.40	0.002
1591186		2.55	0.002
1591187		2.03	0.001
1591188		2.13	0.002
1591189		2.28	<0.001
1591190		1.42	0.001
1591191		2.54	0.016
1591192		2.31	0.003
1591193		2.05	0.003
1591194		2.09	0.002
1591195		2.39	0.002
1591196		1.99	0.001
1591197		2.24	0.001
1591198		2.08	<0.001
1591199		2.26	0.003
1591200		0.06	3.66
1591201		2.41	0.004
1591202		1.62	0.005
1591203		2.18	0.001
1591204		2.28	0.001
1591205		1.83	0.001
1591206		2.14	0.006
1591207		2.04	0.022
1591208		1.95	0.005
1591209		2.09	0.005
1591210		2.17	0.004
1591211		2.31	<0.001
1591212		2.13	<0.001
1591213		2.19	0.001
1591214		1.83	0.002
1591215		2.32	0.001



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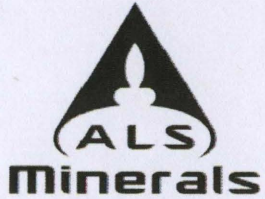
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 Account: HALRES

Project: PB12- 036

CERTIFICATE OF ANALYSIS TB12059199

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
1591216		1.94	0.002
1591217		2.49	0.002
1591218		2.35	0.001
1591219		2.17	0.001
1591220		2.13	0.002
1591221		2.31	0.001
1591222		2.24	0.001
1591223		2.32	0.001
1591224		3.13	0.002
1591225		0.09	0.018
1591226		1.42	0.001
1591227		2.22	0.002
1591228		2.08	0.003
1591229		2.26	0.002
1591230		2.68	0.001
1591231		1.97	0.006
1591232		2.40	0.002
1591233		2.16	<0.001
1591234		2.20	0.005
1591235		2.49	0.002
1591236		2.50	0.006
1591237		2.15	0.006
1591238		2.15	0.003
1591239		2.67	<0.001
1591240		2.26	0.001
1591241		2.17	0.001
1591242		2.17	0.001
1591243		2.34	0.001
1591244		2.48	0.002
1591245		2.40	0.001
1591246		0.97	0.001
1591247		2.39	0.002
1591248		2.81	0.001
1591249		2.47	<0.001
1591250		0.06	2.08
1591251		2.42	0.001
1591252		2.22	0.001
1591253		2.04	0.001
1591254		1.88	0.022
1591255		2.15	<0.001



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CERTIFICATE OF ANALYSIS TB12059199

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
		0.02	0.001
I591256		2.31	<0.001
I591257		2.09	0.001
I591258		2.16	0.001
I591259		2.42	0.001
I591260		3.13	<0.001
I591261		1.24	<0.001
I591262		1.95	0.001
I591263		2.01	<0.001
I591264		2.17	<0.001
I591265		2.01	<0.001
I591266		2.14	0.001
I591267		2.07	<0.001
I591268		2.04	0.001
I591269		2.03	<0.001
I591270		2.04	0.001
I591271		2.11	0.013
I591272		1.99	0.004
I591273		2.02	<0.001
I591274		2.10	0.004
I591275		0.13	0.005
I591276		2.08	0.002
I591277		2.11	<0.001
I591278		2.18	0.001
I591279		1.99	0.001



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CERTIFICATE TB12050241

Project: PB12- 034
 P.O. No.: PB12- 034
 This report is for 135 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7- MAR- 2012.

The following have access to data associated with this certificate:

LYNDA BLOOM
 SEAN TIMPA

HALO RESOURCES DATA ACCESS

NAAZNIN PASTAKIA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

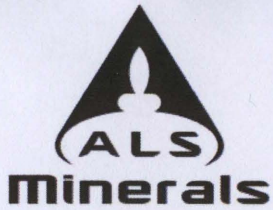
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP22	Au 50g FA ICP- AES finish	ICP- AES

To: HALO RESOURCES LTD
 ATTN: NAAZNIN PASTAKIA
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: PB12- 034

CERTIFICATE OF ANALYSIS TB12050241

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
		0.02	0.001
I590832		2.30	0.001
I590833		2.09	0.001
I590834		2.23	0.001
I590835		2.08	0.001
I590836		2.32	0.002
I590837		2.42	0.010
I590838		2.51	0.027
I590839		2.32	0.015
I590840		2.27	0.002
I590841		2.22	0.005
I590842		2.34	0.001
I590843		2.19	0.001
I590844		1.93	0.001
I590845		2.31	0.001
I590846		2.18	0.003
I590847		2.36	0.002
I590848		2.32	0.002
I590849		2.21	0.005
I590850		0.06	2.16
I590851		2.39	0.002
I590852		2.25	0.002
I590853		2.38	0.003
I590854		2.32	0.019
I590855		2.22	0.017
I590856		2.41	0.001
I590857		2.32	0.001
I590858		2.36	0.001
I590859		2.38	0.001
I590860		2.17	0.002
I590861		2.43	0.002
I590862		2.35	0.004
I590863		2.26	0.005
I590864		2.44	0.006
I590865		2.31	0.031
I590866		2.37	0.003
I590867		2.43	0.001
I590868		2.28	0.001
I590869		2.41	0.003
I590870		2.11	0.004
I590871		1.27	0.005



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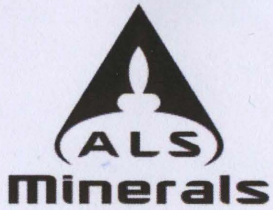
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CERTIFICATE OF ANALYSIS TB12050241

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm
		0.02	0.001
I590872		0.92	0.048
I590873		2.47	0.001
I590874		2.22	0.001
I590875		0.09	0.002
I590876		2.20	0.001
I590877		1.80	0.002
I590878		2.25	0.002
I590879		2.91	0.005
I590880		2.24	0.003
I590881		2.18	0.001
I590882		2.33	0.001
I590883		2.69	0.002
I590884		2.55	0.005
I590885		2.47	0.022
I590886		2.56	0.016
I590887		2.87	0.007
I590888		3.43	0.021
I590889		2.39	0.055
I590890		2.69	0.011
I590891		2.17	0.009
I590892		2.28	0.025
I590893		2.51	0.008
I590894		2.31	0.003
I590895		1.55	0.002
I590896		3.19	0.005
I590897		2.63	0.004
I590898		2.39	0.004
I590899		2.52	0.005
I590900		0.06	3.76
I590901		2.17	0.002
I590902		2.20	0.003
I590903		2.65	0.006
I590904		2.54	0.023
I590905		1.32	0.002
I590906		3.06	0.009
I590907		2.42	0.010
I590908		2.42	0.003
I590909		2.35	0.010
I590910		2.40	0.003
I590911		2.51	0.005



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CERTIFICATE OF ANALYSIS TB12050241

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001
I590912		2.34	0.005
I590913		2.36	0.002
I590914		3.31	0.006
I590915		3.09	0.005
I590916		2.89	0.002
I590917		2.19	0.005
I590918		2.70	0.006
I590919		1.80	0.009
I590920		2.09	0.032
I590921		1.83	0.016
I590922		2.24	0.007
I590923		2.95	0.001
I590924		1.92	0.002
I590925		0.19	<0.001
I590926		1.87	0.007
I590927		2.18	0.004
I590928		1.72	0.003
I590929		0.96	0.002
I590930		2.92	0.001
I590931		1.35	0.005
I590932		1.17	0.012
I590933		2.38	0.007
I590934		2.31	0.010
I590935		2.31	0.007
I590936		2.41	0.010
I590937		2.41	0.011
I590938		2.33	0.009
I590939		1.46	0.003
I590940		2.47	0.002
I590941		2.43	0.001
I590942		2.30	0.002
I590943		2.57	0.002
I590944		2.28	0.002
I590945		2.56	0.006
I590946		2.79	0.004
I590947		2.39	0.014
I590948		2.43	0.068
I590949		1.66	0.060
I590950		0.07	2.13
I590951		1.34	0.008



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CERTIFICATE OF ANALYSIS TB12050241

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001
I590952		1.63	0.004
I590953		2.41	0.002
I590954		2.50	0.002
I590955		2.20	0.001
I590956		2.04	<0.001
I590957		1.45	0.001
I590958		2.99	0.001
I590959		2.33	0.001
I590960		2.46	0.001
I590961		3.07	0.002
I590962		2.67	0.002
I590963		1.50	0.001
I590964		2.50	0.001
I590965		2.27	0.011
I590966		2.32	0.001

Magnetic Susceptibility

Depth	Mag Sus
180	0.107
181	0.146
182	0.114
183	0.222
184	0.110
185	0.112
186	0.112
187	0.108
188	0.035
189	0.291
190	0.026
191	0.150
192	0.124
193	0.126
194	0.255
195	0.209
196	0.108
197	0.118
198	0.116
199	0.155
200	0.114
201	0.113
202	0.031
203	0.111
204	0.129
205	0.014
206	0.036
207	0.112
208	0.015