## Assessment Report Maxmin-1 EM Test Line Danby Property, Cheeseman Lake Area

Claims 4266151, 4266152, 4266154 Cheeseman Lake Area (G-0709)/Kitchen Lake Area (G-0738) Thunder Bay South District Thunder Bay Mining Division UTM WGS84 Zone 16U 333657 mE, 5485895 mN Lat 49° 30' 10"N, Long 88° 17' 51"W (South end of Danby Lake) NTS 52H 6 (Cheeseman Lake)/52H 11 (Kabitotikwia Lake)

> For: **Pavey Ark Minerals Inc.** Client number 411465

Prepared by: Richard H. Sutcliffe 100 Broad Leaf Crescent Ancaster, ON, L9G 3 R8

March 29, 2015

### **Executive Summary**

This report documents results for a 2.7 km test line that was surveyed with an APEX Maxmin-1 horizontal loop electromagnetic (HLEM) system using 400 m spacing between transmitter and receiver. The work including instrument preparation, line cutting and surveying was done between February 19<sup>th</sup> and March 20<sup>th</sup>, 2015 on the Danby Property owned by Pavey Ark Minerals Inc. ("Pavey Ark").

The Danby Property is located in the Thunder Bay Mining District, 125 km north of the city of Thunder Bay, Ontario and is approximately 1 km west of highway 527. The Property is comprised of three contiguous staked claims numbered 4266151, 4266152, and 4266154 with an area of 512 ha (32 claim units).

The Property is underlain by Middle Proterozoic diabase/gabbro sills related to the Nipigon Embayment of the Mid-Continent Rift. Previous drilling in the area of the property has shown that the diabase sills are approximately 200 to 230 m thick and are underlain by Proterozoic Sibley Group sediments and Archean gabbroic rocks. The Property has the potential to host PGM, nickel, copper mineralization in both Archean and Proterozoic mafic-ultramafic intrusions.

Previous exploration by Canplats Resources Corp. and Colby Resources Corp. in 2001 to 2004 identified several airborne EM conductors in the vicinity of the Property and subsequent drilling intersected anomalous PGM values. Drilling by Platinum Group Metals Ltd. in 2011 has intersected anomalous PGM-Cu-Ni-Cr values in Archean gabbro beneath the diabase sill and has identified an off-hole EM conductor located 2 km east of Danby Lake that has not been tested. In addition, lake sediments in the Cheeseman-Danby Lakes area contain highly anomalous values of Au, Pd, Pt, Cu, and Cr.

The survey identified an anomaly at 15+65N or 5486080mN (UTM) appears to be a bedrock feature. The anomaly has features that are suggestive of a narrow, steeply dipping south body at depth, however, the fact that the conductor coincides with the middle of Danby Lake suggests that a possible surficial origin should also be taken into consideration.

Given the indications of a mineralized Archean gabbro beneath the Proterozoic diabase sill that have been identified by previous exploration the anomaly at 15+65N warrants further investigation. Follow up should include refinement of the EM anomaly, followed by an approximately 275 m drill hole to test the potential bedrock conductor.

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# 1.0 Introduction

This report documents results for a 2.7 km test line that was surveyed with an APEX Maxmin-1 horizontal loop electromagnetic (HLEM) system using 400 m spacing between transmitter and receiver. The survey was conducted on March 19<sup>th</sup> and 20<sup>th</sup>, 2015 on the Danby Property owned by Pavey Ark Minerals Inc. ("Pavey Ark").

The survey supports exploration for magmatic sulphide PGM-nickel-copper mineralization in mafic-ultramafic rocks of the Proterozoic Mid-Continent rift system and gabbroic rocks in the underlying Archean basement.

# 2.0 Location and Access

The Danby Property (Figure 1) is located in the Thunder Bay Mining District of northwestern Ontario. The Danby Property is 125 km north of the city of Thunder Bay, Ontario and 90 km south-southwest of Armstrong. The Property is road accessible and located 1 km west of highway 527. The southeast part of the Property is directly accessible by logging roads. A 2 km long snowmobile/ATV trail provides access to Geikie Lake and the central part of the property. Snowmobiles were used to access the test line for this work.



## Figure 1. Danby Property Location Map

Source Google Earth 2015

# 3.0 Claim Holdings and Property Disposition

The Danby Property is comprised of three contiguous staked claims (32 units) numbered 4266151, 4266152, and 4266154 and shown Map 1 and Figure 2. The Property has an area of 512 ha. Claims are held by Pavey Ark Minerals Inc. ("Pavey Ark"), a private Ontario corporation. Claim abstracts are provided in Appendix 1.

Township/Area	Claim Number	Recording Date	Claim Due Date	Percent Option	Work Required	
CHEESEMAN LAKE	1266152	2012-Oct-	2015 Oct 25	100%	\$2,000	
AREA	4200132	25	2013-001-23	100%	Ş2,000	
CHEESEMAN LAKE	4266154	2012-Oct-	2015 Oct 25	100%	¢4 400	
AREA	4200154	25	2015-001-25	100%	\$4,400	
	4266151	2012-Oct-	2015 Oct 25	100%	¢6 400	
	4200151	25	2013-001-25	100%	\$0,400	

The location of the EM test line relative to the claims is shown in figure 2 and map 2.



Figure 2. Danby Property EM test line location and claims

Source: Google Earth 2015

# 4.0 Previous Work

Lake sediments in the Cheeseman-Danby Lakes area were found to contain highly anomalous values of Au, Pd, Cu, and Pt as well as one site with the highest lake sediment Cr in the Obonga Garden Lakes area regional survey (Jackson and Dyer, 2000; OGS, 2000).

In 2001/2002 Canplats Resources Corp. and Colby Resources Corp. completed geological mapping, soil sampling, ground magnetic, IP surveys, and a Fugro AEM test survey on the property. The AEM survey identified several moderate northeast trending conductors east and south of Danby Lake. These responses trend toward the Danby Property and one anomaly is located on the Property east of the south end of Geikie Lake. Canplats drilled 7 holes east of Danby and Geikie Lakes to test IP chargeability and AEM anomalies. The holes intersected anomalous Cu and Pd values in Proterozoic diabase and Archean metavolcanic rocks. In 2004, Canplats drilled GK-03-08, an 859 m hole inclined at 56° to the north and located 1.5 km east of the Danby property (McNaughton 2014). This hole intersected Proterozoic diabase from surface to 313 m, Sibley Group sediments at 313 to 337 m, and then Archean gabbro. The gabbro was dated at 2,688 Ma. Both Proterozoic and Archean intrusions contained minor PGM values.

A 2008 soil sampling program by Benton Resources identified an anomalous zone of Au, Cu and other elements on the eastern side of Cheeseman Lake (Byrnes and Sims, 2008).

Platinum Group Metals Ltd. (PGM) carried out 31.1 line km of reconnaissance airborne VTEM magnetic and EM surveys at 500 m spacing in 2011 over their Triangle Property that is contiguous with and northeast of the Danby Property (Van Egmond 2013). The VTEM surveys were successful in delineating one line conductivity anomalies that were followed up with a more detailed VTEM survey at 100 m spacing flown in a NW direction. Four diamond drill holes for a total of 1,605 m were drilled in 2011 on the Triangle Property. The holes tested VTEM anomalies and were surveyed by Crone Geophysics with borehole EM. The holes intersected sulphide bearing Archean gabbro with anomalous Ni-Cu-Cr-PGE mineralization located beneath the diabase and Sibley Group sediments. A large off-hole conductor beneath the Sibley Group sediments was identified south of hole TR-11-01 located 2 km east of Danby Lake. This vertical hole intersected Archean gabbro at a depth of 237m. The off-hole anomaly has not been tested.

Mapping by Pavey Ark in 2013, indicated that the majority of the property is underlain by medium-grained diabase to coarse-grained, granophyric diabase that is indicative of the upper portion of a diabase sill.

## 5.0 Geology

The Property is underlain by Middle Proterozoic diabase/gabbro sills related to the Nipigon Embayment of the Mid-Continent Rift. The sills intrude and overlie Archean metavolcanic and

intrusive rocks of the Wabigoon Suprovince. Sibley Group sediments have been intersected in drill holes between the diabase sills and Archean basement. The Property has the potential to host PGM, nickel, copper mineralization in Archean mafic-ultramafic intrusions or in a Proterozoic magma conduit. The operating Lac des Iles Pd Mine (Archean) is located 43 km southwest, and the Middle Proterozoic Current Lake PGM deposit (ca. 750k oz PtEq) is located 85 km south-southwest of Danby Lake.

The Property was staked based on having the highest ranking of anomalous areas from a lake sediment survey of 2,138 samples collected by the Ontario Geological Survey in the Obonga-Garden Lakes area (Jackson and Dyer, 2000). The source of the lake sediment anomalies has not been identified. The most promising target appears to be sulphide mineralization in Archean gabbroic rocks similar to that encountered by PGM Ltd. and potentially analogous with the Lac des Iles complex. A Proterozoic target related to magma conduits similar to the Current Lake deposit is likely subhorizontal and localized near the Archean/Sibley unconformity. The conduit hosted deposits contain disseminated sulphides and zones of high-grade semi-massive and massive sulphides.

# 6.0 Maxmin-1 EM Test Survey and Results

Prior to the survey, Dr. Colin Bowdidge and Dusan Dimitrovic prepared the Maxmin including making and testing the 400 m cables on February 19 and  $20^{th}$ , 2015. Mr. Ben Kuzmich cut the 2,700 m north-south test line oriented at 8° east of grid north that ended at the north boundary of Pavey Ark's property on February 27<sup>th</sup> to March 2<sup>nd</sup>. The test line was picketed at 25 m stations. UTM coordinates were obtained for each 25 m station using a hand held GPS unit.

Maxmin-1 survey was conducted on March 19 and 20<sup>th</sup>, 2015. The survey crew consisted of:

Mr. Ted Cox - receiver operator;

Mr. Philip Houghton - transmitter operator;

Mr. Christian Carl - assisted with the survey including moving the 400 m cable. Richard Sutcliffe of Pavey Ark provided field supervision for the survey.

The survey was carried out using an Apex MaxMin-1 EM system (serial #6315) with a 400m cable. The frequencies utilized were 440 Hz, 880 Hz and 1760 Hz. The 400 m cable was used in order to be able to detect potential conductors beneath the diabase sill with a thickness of approximately 200 m.

The in-phase and out-phase (quadrature) response for each of the three frequencies were manually recorded at 25m intervals down the line. The station location for the recording was taken as the midpoint on the 400 m cable. Consequently the readings were recorded as being between 2+00 m and 25+00 on the 2,700 m line. The 25+00 station corresponds with the north claim boundary of the claim group.

Maxmin-1 survey results with In-Phase, Out-Phase (Quadrature) for 440, 880, 1760 Hz frequencies and GPS coordinates for the stations are provided in Appendix 2. Map 3 plots the data postings and Map 4 plots the line profiles at a scale of 1:5,000. Results are also summarized in Figure 3.



# Figure 3. Danby Property Maxmin-1 Profiles

### 7.0 Conclusions and Recommendations

The survey identified an anomaly at 15+65N or 5486080mN (UTM) that appears to be a bedrock feature. The conductivity-thickness products, as calculated from the north shoulder of the anomaly, are low but indicate a progressive increase from the 1760Hz to 440Hz data, which are typically indicative of a bedrock conductor. The south shoulder is stronger, suggestive of a southerly dip. The anomaly has features that are suggestive of a narrow, steeply dipping body at depth, however, the fact that the conductor coincides with the middle of Danby Lake suggests that a possible surficial origin should also be taken into consideration.

Given the indications of a mineralized Archean gabbro beneath the Proterozoic diabase sill that have been identified by previous exploration the anomaly at 15+65N warrants further investigation. Follow up should include refinement of the EM anomaly, followed by an approximately 275 m drill hole to test the potential bedrock conductor.

### Acknowledgements

Field support by Ben Kuzmich, Ted Cox, Philip Houghton and Christian Carl was greatly appreciated. Dr. Colin Bowdidge provided guidance on the application of the Maxmin-1 system, prepared the instrumentation and cables, and an interpretation of the results. The Danby Maxmin survey was funded by the Ontario Exploration Corporation and the financial support is gratefully acknowledged.

### References

Byrnes, K. and Sims N. 2008. Assessment Report on the 2008 Soil Sampling Program At the Cheeseman Lake Property Kitchen Lake, Cheeseman Lake, and Chief Bay Townships, Ontario Canada, for Benton Resources Corporation

Hart, T.R. 2006. Precambrian geology of the southwest portion of the Nipigon Embayment, northwestern Ontario; Ontario Geological Survey, Preliminary Map P.3580, scale 1:100 000.

Jackson, J.E. and Dyer, R.D. 2000. Garden–Obonga Lake area high density lake sediment and water geochemical survey, northwestern Ontario; Ontario Geological Survey, Open File Report 6009, 95p.

McNaughton, K. 2004. 2003 Field Activities on the Geikie Property, Lunch Creek, Cheeseman Lake and Kitchen Lake Townships, District Of Thunder Bay, Thunder Bay, Mining Division, For Canplats Resources Corporation, March, 2004

Ontario Geological Survey, 2000. Garden–Obonga Lake area lake sediment survey: gold and PGE data; Open File Report 6028, 76p.

Van Egmond, R. 2013. Assessment Report on the Triangle Property Kitchen and Cheeseman Lake Areas, Thunder Bay Mining District Ontario, Canada, N.T.S. Map Sheets: 52H/11 UTM Datum: NAD 83, Zone 16, for Platinum Group Metals Ltd.

# **Statement of Qualifications**

I, Richard H. Sutcliffe, of 100 Broadleaf Crescent, Ancaster, Ontario, do hereby certify that:

I am a graduate of University of Toronto (B.Sc. Geology, 1977, M.Sc Geology 1980), and a graduate of University of Western Ontario (Ph.D. Geology, 1986) and I have been practising my profession as a geologist since.

I am a member with the Association of Professional Geoscientists of Ontario (#852). I have direct knowledge of the exploration work performed for this assessment and I am indirectly the owner of the claims on which the work was performed.

Signed

.

"R.H. Sutcliffe"

Richard H. Sutcliffe, Ph.D., P.Geo. March 29, 2015 Ancaster, Ontario

#### **Claim Abstracts** Appendix 1

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THUNDER BAY -	Division 40	Claim No: TB 42	266151	Status: ACTIVE
Due Date:	2015-Oct-25	Recorded:	2012-Oct-25	
Work Required:	\$ 6,400	Staked:	2012-Oct-04 15:00	)
Total Work:	\$ 6,400	Township/Area:	KITCHEN LAKE ARE	EA (G-0738)
Total Reserve:	<u>\$ 0</u>	Lot Description:	1	
Present Work Assignment:	\$ 0	Claim Units:	16	
Claim Bank:	\$ 0			

### Claim Holders

Recorded Holder(s) Percentage	Client Number
PAVEY ARK MINERALS INC. (100.00 %)	411465

### Transaction Listing

Туре	Date	Applied	Description	Performed	Number
STAKER	2012-Oct-25		RECORDED BY BJORKMAN, RUTH DAGMAR (1002066)		R1240.03258
STAKER	2012-Oct-25		BJORKMAN, RUTH DAGMAR (401969) RECORDS 100.0 % IN THE NAME OF PAVEY ARK MINERALS INC. (411465)		R1240.03259
OTHER	2014-Sep- 05		EXPLORATION PLAN NO. PL13-10133 EFFECTIVE FROM 2013-MAY-31 TO 2015-MAY-30 FOR THE FOLLOWING ACTIVITIES: (LINE CUTTING / LC, PHYSICAL / PSTRIP, DRILLING / PDRILL, GEOPHYSICAL / SURVEYS)		J1440.00075
OTHER	2014-Oct-01		WORK PERFORMEDGPSG APPROVED: 2014-OCT-03	\$ 6,400	Q1440.01916
WORK	2014-Oct-01	\$ 6,400	WORK APPLIEDGPSG APPROVED: 2014-OCT-03		W1440.01916

#### **Claim Reservations**

01 400' surface rights reservation around all lakes and rivers	
02 Sand and gravel reserved	
03 Peat reserved	
04 Other reservations under the Mining Act may apply	
05 Including land under water	

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THUNDER BAY - Division 40		Claim No: TB 4	266154	Status: ACTIVE
Due Date:	2015-Oct-25	Recorded:	2012-Oct-25	
Work Required:	\$ 4,400	Staked:	2012-Oct-05 16:	00
Total Work:	\$ 4,400	Township/Area:	CHEESEMAN LAK	E AREA (G-0709)
Total Reserve:	<u>\$ 0</u>	Lot Description:	1	
Present Work Assignment:	\$0	Claim Units:	11	
Claim Bank:	\$0			

### **Claim Holders**

Recorded Holder(s) Percentage	Client Number
PAVEY ARK MINERALS INC. ( 100.00 %)	411465

### Transaction Listing

Туре	Date	Applied	Description	Performed	Number
STAKER	2012-Oct-25		RECORDED BY BJORKMAN, RUTH DAGMAR (1002066)		R1240.03258
STAKER	2012-Oct-25		BJORKMAN, RUTH DAGMAR (401969) RECORDS 100.0 % IN THE NAME OF PAVEY ARK MINERALS INC. (411465)		R1240.03259
OTHER	2014-Sep- 05		EXPLORATION PLAN NO. PL13-10133 EFFECTIVE FROM 2013-MAY-31 TO 2015-MAY-30 FOR THE FOLLOWING ACTIVITIES: (LINE CUTTING / LC, PHYSICAL / PSTRIP, DRILLING / PDRILL, GEOPHYSICAL / SURVEYS)		31440.00075
OTHER	2014-Oct-01		WORK PERFORMEDGPSG APPROVED: 2014-OCT-03	\$ 4,400	Q1440.01916
WORK	2014-Oct-01	\$ 4,400	WORK APPLIEDGPSG APPROVED: 2014-OCT-03		W1440.01916

#### **Claim Reservations**

01 400' surface rights reservation around all lakes and rivers 02 Sand and gravel reserved 03 Peat reserved 04 Other reservations under the Mining Act may apply 05 Including land under water 06 Excluding road

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THUNDER BAY - Division 40		Claim No: TB 4266152		Status: ACTIVE
Due Date:	2015-Oct-25	Recorded:	2012-Oct-25	
Work Required:	\$ 2,000	Staked:	2012-Oct-05 10:30	0
Total Work:	\$ 2,000	Township/Area:	CHEESEMAN LAKE	AREA (G-0709)
Total Reserve:	<u>\$ 0</u>	Lot Description:	· ·	
Present Work Assignment:	\$0	Claim Units:	5	
Claim Bank:	\$0			

#### Claim Holders

Recorded Holder(s) Percentage	Client Number
PAVEY ARK MINERALS INC. ( 100.00 %)	411465

### Transaction Listing

Туре	Date	Applied	Description	Performed	Number
STAKER	2012-Oct-25		RECORDED BY BJORKMAN, RUTH DAGMAR (1002066)		R1240.03258
STAKER	2012-Oct-25		BJORKMAN, RUTH DAGMAR (401969) RECORDS 100.0 % IN THE NAME OF PAVEY ARK MINERALS INC. (411465)		R1240.03259
OTHER	2014-Oct-01		WORK PERFORMEDGPSG APPROVED: 2014-OCT-03	\$ 2,000	Q1440.01916
WORK	2014-Oct-01	\$ 2,000	WORK APPLIEDGPSG APPROVED: 2014-OCT-03		W1440.01916

#### **Claim Reservations**

01 400' surface rights reservation around all lakes and rivers 02 Sand and gravel reserved 03 Peat reserved 04 Other reservations under the Mining Act may apply

05 Including land under water

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This site is maintained by the Government of Ontario, Canada.

	NAD83	16U		440	) Hz	880 Hz		1760 Hz	
_				In-	Out-	In-	Out-	In-	Out-
Station	Easting	Northing	Altitude	Phase	Phase	Phase	Phase	Phase	Phase
0 00	333473	5484516	414 m						
0 25	333481	5484544	410 m						
0 50	333480	5484566	410 m						
0 75	333484	5484590	412 m						
1 00	333483	5484619	413 m						
1 25	333483	5484638	415 m						
1 50	333487	5484665	416 m						
1 75	333490	5484689	418 m						
2 00	333493	5484714	420 m	7	2	13	-4	10	-15
2 25	333497	5484739	415 m	10	2	16	-5	15	-20
2 50	333500	5484764	414 m	12	3	10	-5	15	-20
2 75	333497	5484788	418 m	13	3	18	-4	15	-20
3 00	333499	5484814	414 m	12	2	17	-5	15	-25
3 25	333501	5484840	418 m	12	2	17	-5	15	-20
3 50	333501	5484864	419 m	12	5	17	-2	15	-15
3 75	333502	5484889	421 m	10	4	13	2	17	-8
4 00	333506	5484914	420 m	10	5	12	2	17	-5
4 25	333509	5484940	417 m	10	5	13	2	18	-6
4 50	333507	5484965	418 m	14	5	15	5	25	-10
4 75	333508	5484989	419 m	12	6	15	5	25	-10
5 00	333509	5485014	415 m	13	5	15	2	25	-15
5 25	333506	5485039	416 m	15	6	15	4	25	-15
5 50	333514	5485064	415 m	14	6	12	0	25	-14
5 75	333514	5485088	416 m	14	6	15	0	25	-14
6 00	333516	5485114	417 m	15	6	15	0	25	-15
6 25	333520	5485139	413 m	13	6	15	2	25	-15
6 50	333519	5485163	412 m	18	6	15	0	20	-15
6 75	333520	5485188	412 m	12	5	10	0	20	-20
7 00	333525	5485214	407 m	13	3	12	0	20	-15
7 25	333533	5485237	411 m	18	6	15	2	22	-13
7.50	333536	5485264	412 m	13	6	15	4	25	-10
7 75				15	6	12	2	20	-10
8.00	333545	5485312	417 m	13	6	15	- 5		-7
8 25	333548	5485337	415 m	12	7	15	5	25	-5
8 50	333551	5485362	404 m	12	, 6	15	5	20	-5
8 75	333553	5485386	406 m	13	5	12	2	20	-10

# Appendix 2. Danby Property Maxmin-1 Results and GPS station coordinates

9 00	333555	5485412	410 m	12	3	15	0	20	-10
9 25	333560	5485436	411 m	10	5	12	0	20	-10
9 50	333564	5485461	408 m	14	6	10	0	20	-15
9 75	333566	5485486	405 m	12	3	15	0	20	-15
10 00	333570	5485510	401 m	12	4	15	1	20	-10
10 25	333573	5485535	402 m	12	5	10	0	20	-15
10 50	333577	5485559	401 m	10	6	15	1	20	-12
10 75	333582	5485584	399 m	10	5	15	0	20	-12
11 00	333586	5485608	401 m	12	2	10	-4	16	-16
11 25	333590	5485634	400 m	12	0	10	0	20	-15
11 50	333591	5485657	394 m	12	5	10	0	20	-10
11 75	333595	5485681	396 m	10	2	8	1	15	-10
12 00	333599	5485706	394 m	12	5	10	2	16	-5
12 25	333603	5485731	394 m	12	5	8	0	16	-8
12 50	333610	5485755	398 m	10	6	8	4	16	-5
12 75	333614	5485779	398 m	10	8	10	10	20	4
13 00	333620	5485803	398 m	5	2	10	12	20	15
13 25	333623	5485828	403 m	10	12	8	15	20	20
13 50	333627	5485853	407 m	8	13	7	15	20	20
13 75	333632	5485880	410 m	12	13	15	15	26	12
14 00	333635	5485902	408 m	12	4	12	0	20	-15
14 25	333638	5485928	411 m	14	5	15	0	25	-15
14 50	333643	5485952	409 m	12	3	10	0	20	-10
14 75	333647	5485976	409 m	12	6	10	0	20	-10
15 00	333652	5486000	401 m	11	5	10	5	20	-5
15 25	333657	5486025	399 m	12	7	10	5	20	-5
15 50	333663	5486050	398 m	15	5	12	2	20	-8
15 75	333669	5486074	396 m	12	3	10	0	18	-8
16 00	333674	5486098	395 m	12	4	10	0	15	-10
16 25	333679	5486123	395 m	11	4	8	0	15	-10
16 50	333686	5486148	396 m	12	1	10	0	15	-12
16 75	333691	5486171	396 m	13	2	8	-1	15	-15
17 00	333693	5486196	402 m	10	-2	8	-5	15	-20
17 25	333691	5486221	406 m	10	0	8	-6	15	-25
17 50	333694	5486248	405 m	10	-1	5	-10	10	-30
17 75	333693	5486272	405 m	8	2	4	-5	10	-15
18 00	333698	5486296	401 m	10	5	6	6	15	2
18 25	333704	5486321	402 m	8	6	5	10	16	8
18 50	333707	5486346	399 m	8	6	8	8	18	6
18 75	333712	5486371	399 m	8	9	10	10	18	8
19 00	333713	5486395	400 m	8	7	10	12	20	10

19 25	333717	5486420	401 m	10	10	12	15	20	15
19 50	333721	5486445	402 m	10	8	10	12	22	12
19 75	333724	5486469	403 m	10	7	8	10	15	8
20 00	333729	5486496	409 m	10	7	6	8	18	5
20 25	333731	5486520	406 m	7	7	6	15	18	12
20 50	333737	5486544	403 m	7	9	6	15	16	14
20 75	333741	5486570	401 m	10	10	8	12	20	15
21 00	333745	5486594	402 m	7	8	10	12	16	10
21 25	333751	5486620	399 m	7	7	6	10	16	5
21 50	333756	5486644	402 m	9	7	6	10	16	10
21 75	333757	5486668	401 m	9	7	8	10	16	10
22 00	333759	5486692	399 m	9	6	6	6	15	0
22 25	333765	5486719	403 m	9	5	8	5	15	0
22 50	333765	5486742	403 m	12	4	6	5	16	0
22 75	333768	5486767	403 m	8	8	5	6	15	1
23 00	333771	5486791	404 m	10	6	5	5	15	-1
23 25	333772	5486817	393 m	8	8	4	4	12	-5
23 50	333774	5486843	401 m	8	5	4	2	10	-4
23 75	333777	5486868	401 m	8	5	2	5	12	0
24 00	333780	5486892	401 m	6	2	2	5	10	0
24 25	333782	5486916	402 m	8	3	4	1	10	-2
24 50	333785	5486941	404 m	6	3	5	1	10	-6
24 75	333790	5486967	402 m	6	1	2	2	8	-6
25 00	333794	5486991	404 m	8	3	4	2	12	-3
25 25	333798	5487015	403 m						
25 50	333801	5487041	404 m						
25 75	333805	5487065	401 m						
26 00	333808	5487093	402 m						
26 25	333809	5487115	399 m						
26 50	333812	5487140	400 m						
26 75	333817	5487165	400 m						
27 00	333817	5487189	402 m						

# Appendix 3 Expenditures

Item	Contractor/Supplier	Unit	HST	Total
		cost/units		
Maxmin preparation,	Hilldale Geoscience		332.89	3,251.21
make and test 400 m	Inc.			
cables, Feb. 19/20, 2015				
Maxmin survey, March 19/	Ted Cox		247.78	2,153.78
20, 2015				
Data interpretation, March	Hilldale Geoscience	1day @	97.50	847.50
29, 2015		\$750.00		
Field supervision,	Sutcliffe Geological	3.5 days @		2,100.00
reporting		\$600 day		
Field assistance, March	Christian Carl	2 days @		500.00
19/20, 2015		\$250/day		
Subtotal geophysics				8,852.49
survey				
Line Cutting, travel,	Ben Kuzmich/Helion			2,500.00
snowmobile Feb 27/March	Exploration			
2, 2015				
Field Supplies	Canadian Tire, J&J's		19.29	167.66
	General Store			
Subtotal assoc costs				2,667.66
Air Fare – YYZ/YQT/YYZ –	Air Canada		46.18	401.43
March 18/20, 2015				
Truck Rental, Thunder Bay	Budget		47.69	366.86
Gas, Thunder Bay	Esso		6.44	55.95
Airport parking, YYZ			9.66	84.00
Subtotal transportation			109.97	908.24
Hotel TBay, 2 rooms,	Comfort Inn (US\$		56.30	489.82
March 18/19, 2015	reservation			
	converted at 0.80			
Meals, Thunder Bay, 3			15.67	157.62
men				
Subtotal Meals Lodging			71.79	647.44
Total				<b>\$13,075.83</b>

Claim expenditure allocations 4266151 – \$6,676 4266152 – \$2,000 4266154 - \$4,400