

**REPORT
of
DRILL HOLE RH10-01
ROGUE RESOURCES
RADIO HILL PROPERTY
TIMMINS WEST PROJECT
PORCUPINE MINING DIVISION,
NORTHEASTERN ONTARIO**

May 16, 2011

J Kevin Montgomery, P. Geo.



Radio Hill 2010 Drilling Assessment Report

SUMMARY

The Radio Hill Property, held by Rogue Resources, is situated 80 km southwest of Timmins, Ontario. It is comprised of 11 unpatented mining claims (1,789 hectares) in Penhorwood Township. It forms part of Rogue Resources Timmins West Project.

Exploration work in 2010 consisted of diamond drilling on the Radio Hill Iron Formation. This was conducted to get a better geological understanding of the iron formation.

Diamond drill hole RH10-01 intersected 354 meters of Radio Hill iron, estimated true width of 260 meters. It confirmed the continuity of the iron formation down to a vertical depth of approximately 320 meters, similar to the depth of the existing historic resource estimate on the Radio Hill iron deposit. The thickened portion of the iron formation remains open down-dip to the north and down plunge to the northwest.

It is recommended that the iron formation intersected in RH10-01 be sampled and sent for total iron analysis.

TABLE OF CONTENTS

	Page No.
Introduction	3
Location and Access	3
Timmins West Project Geology	3
Discussion of Diamond Drilling	5
Conclusions and Recommendations	12
References	12
Certificate of Qualifications	13

APPENDICES

APPENDIX A Certificate of Expenditures	14
APPENDIX B Drill hole RH10-01 Drill Log	

FIGURES

Figure 1	Location Map	4
Figure 2	Timmins West Project Geology Map	6
Figure 3	Drill Location Map	8
Figure 4	“F-Type” iron formation photograph	
Figure 5	“E-Type” iron formation at 207 m.	
Figure 6	“E-Type” iron formation at 308 m.	

MAPS (in bucket pocket)

Map 1	Drill Hole RH10-01 Section/Plan Map
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INTRODUCTION

The Radio Hill Property is comprised of 11 contiguous unpatented mining claims (111 claim units) covering approximately 1,789 hectares in Penhorwood Township. The property is held 100% by Rogue Resources Inc.

Exploration work in 2008 consisted of diamond drilling (Hartley, 2008) and mechanical stripping on the Radio Hill Iron Formation (Montgomery and Sparling, 2008). This was followed in 2010 by the drilling of hole RH10-01.

This report describes the 2010 diamond drilling program on the Radio Hill Property.

PROPERTY LOCATION AND ACCESS

The Radio Hill Property, held by Rogue Resources is located 76 kilometres southwest of Timmins, Ontario (Figure 1). It is comprised of 11 mining claims (111 claim units totalling about 1,789 hectares) that covers west central Penhorwood Township.

Table 1 Radio Hill Property Claims

Claim	Units	Due Date	Date Recorded	Work Req	Township
4220731	16	22-Jun-11	22-Jun-06	\$6,400.00	Penhorwood
3019027	4	17-Oct-11	17-Oct-06	\$1,600.00	Penhorwood
4212618	4	17-Oct-11	17-Oct-06	\$1,600.00	Penhorwood
3019028	3	14-Nov-11	14-Nov-06	\$1,200.00	Penhorwood
4223266	14	19-Nov-11	19-Nov-06	\$5,600.00	Penhorwood
4224187	16	19-Nov-11	19-Nov-06	\$6,400.00	Penhorwood
4224188	16	19-Nov-11	19-Nov-06	\$6,400.00	Penhorwood
4224189	16	19-Nov-11	19-Nov-06	\$6,400.00	Penhorwood
4212499	4	14-Dec-11	14-Dec-06	\$1,600.00	Penhorwood
4214719	12	01-Mar-12	01-Mar-06	\$4,800.00	Penhorwood
3010209	6	25-June-12	25-June-04	\$2,400.00	Penhorwood

The property is readily accessed by motor vehicle from Highway 101 West. The north-south trending Kukatush gravel road cuts through the central portion of the property. This road extends from Highway 101 to the Kukatush railroad siding on the CNR main line. A network of ATV and drill trails off the Kukatush gravel road gives further access to the property.

The main east-west rail line of the Canadian National Railway connecting eastern and western Canada transects the southwest corner of the Radio Hill Property, about 3 km south of hole RH10-01.

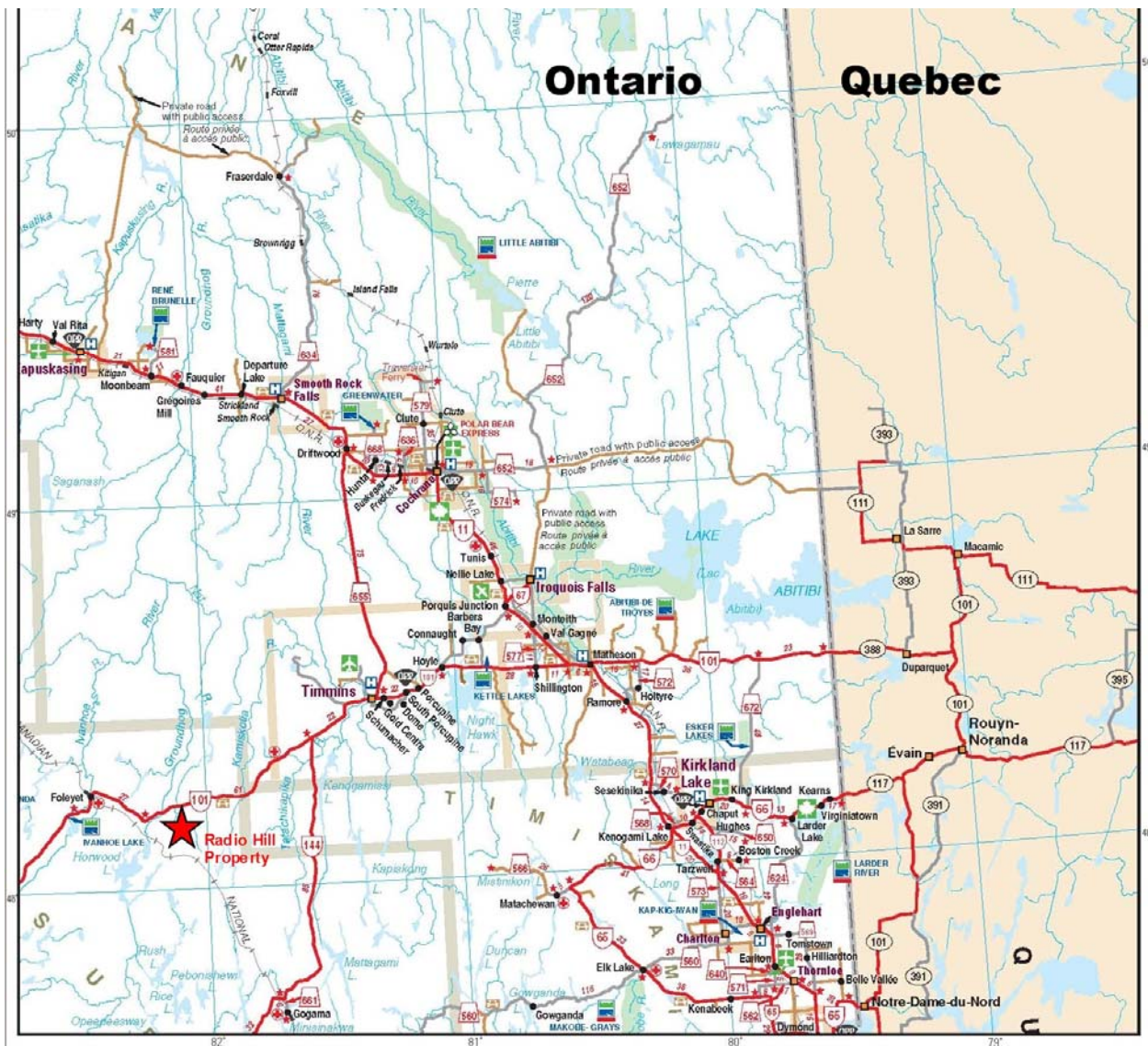


Figure 1 Location Map

TIMMINS WEST PROJECT GEOLOGY

The project lies within the Superior Province of Archean basement rocks, in the Eastern Canadian Shield. It is situated in the northeastern part of the Swayze Greenstone belt which appears to be the western extension of the Abitibi Greenstone belt.

The project area is predominantly underlain by southwest trending metamorphosed (greenschist) volcanics of the Muskego-Reeves Assemblage ranging from ultramafic to felsic. The mafic volcanics are pillowed to massive andesitic or basaltic flows. They are the dominant rock type on the property. Ultramafic volcanic flow units and/or intrusive sills trending east-west occur in the central portion of the property. They are intermixed with the mafic volcanics.

The east central portion of the project area is underlain by felsic volcanics of the Hanrahan Lake Complex that extend west from Kenogaming Township. The felsic volcanics are comprised of tuffs, lapilli tuffs, agglomerates and intermediate to felsic flows. They form the core of a major northwest plunging antiform fold. A fairly continuous iron formation known as the Nat River iron formation marks the boundary between the felsic volcanics and the mafic volcanics.

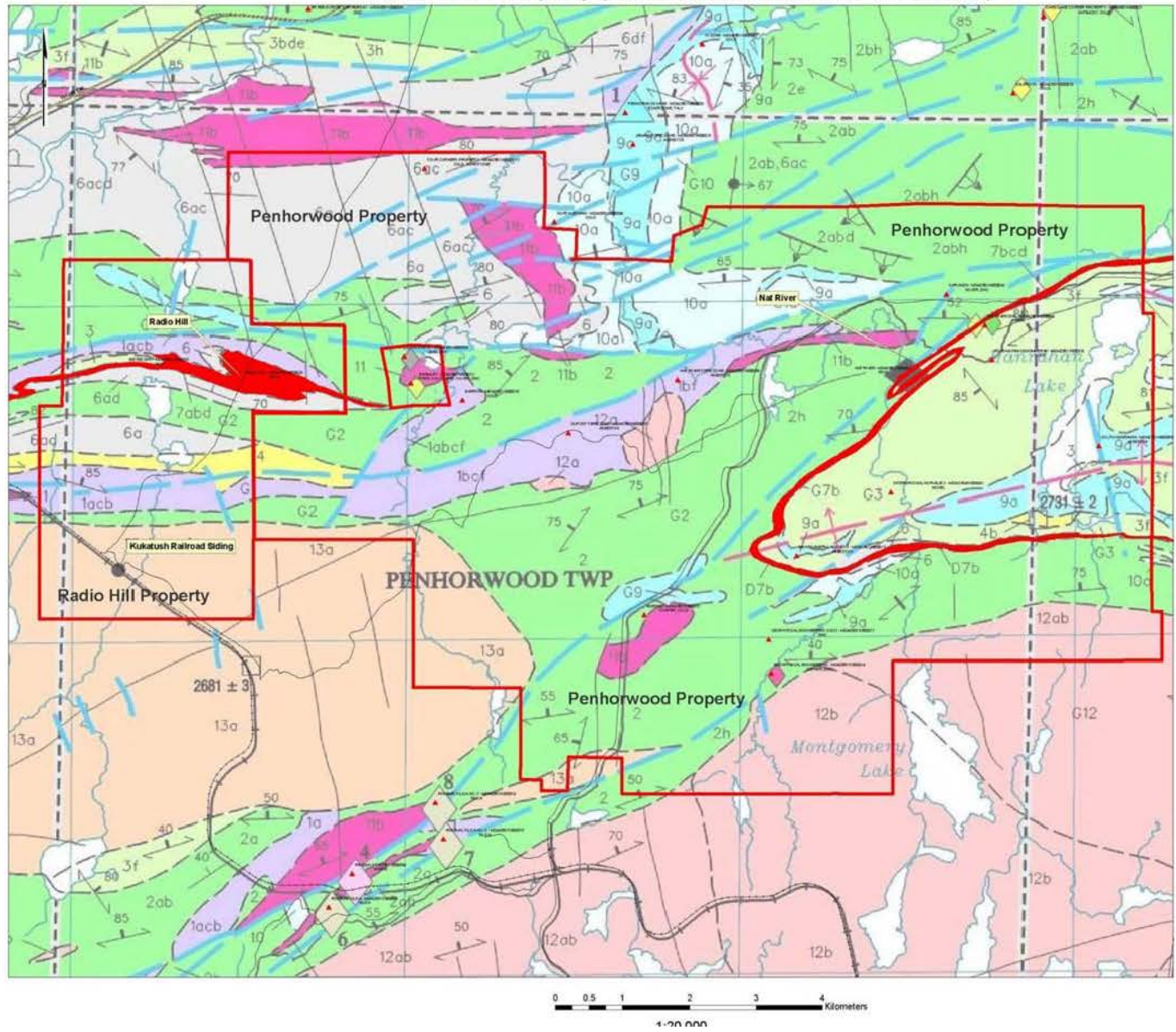
In the west portion of the project area (Radio Hill Property), metasediments consisting of greywackes and conglomerates occur. South of these metasediments, the geology consists of east-west trending mafic volcanic, ultramafic volcanic, metasediments and felsic volcanic units. In the central part of this east-west sequence is situated the Radio Hill iron formation. The Radio Hill iron formation has a historical resource, non 43-101 compliant, of a minimum of 158 million tons of banded chert-magnetite iron ore with an average grade of approximately 27.8% acid soluble iron outlined by Kukatush Mining Corporation in the 1960's (Hartley, 2008). South of the east-west trending sequence is the Kukatush Stock.

The north centre part of the project area is underlain by north-south trending ultramafic, mafic and felsic porphyry intrusive units that may be part of a layered complex. These intrusive units are interpreted to be sliced up by a series of northeast trending faults. In the southwest, the Kukatush Stock (Biotite hornblende granodiorite) intrudes the volcanics and in the southeast the Kenogamissi Batholith (hornblende and/or biotite bearing granodiorite to tonalite gneiss). Smaller quartz-feldspar and feldspar porphyry intrusive bodies also occur in the project area. All the rock types are intruded by late north to north-northwest trending diabase dykes.

Three major faults cross cut the project, the east-west trending Destor-Porcupine, the east-west trending Jehann Lake Fault and the southwest trending Hardiman Bay Fault (see Figure 2).

Figure 2 Timmins West Project Geology Map

**Golden Chalice Resources
Timmins West Property (Radio Hill and Nat River Iron Zones)**



DISCUSSION OF DIAMOND DRILLING

The diamond drilling program employed one diamond drill rig provided by Denis Crittes Drilling of Timmins, Ontario. Hole RH10-01 was drilled to test the thickness and the iron quality of the Radio Hill Iron Formation (Figure 3). Diamond Drilling was carried out from October 21 to November 9, 2010.

It was co-ordinated and supervised by the author. Drill core logging was carried out by an iron ore geologist expert, Rodney Johnson of Michigan, United States. The field technical tasks associated with the drilling program were conducted by Doug Bryant, and Dan Larsen of Timmins, Ontario. The maps and sections of this report were drafted by the author.

The high magnetic intensity of the Radio Hill iron deposit required that drill hole RH10-01 be set up and aligned by surveyors. Talbot Engineering Surveys of Timmins Ontario positioned the hole and aligned the front sights at an azimuth of 180 degrees (due south). In addition, a drill hole orientation survey was conducted on hole RH10-01 from 0 to 345 m. It was conducted by Reflex of Timmins Ontario and employed a Maxibor II instrument. This instrument calculates the spatial coordinates along the drill hole path based on optical measurements of direction changes and gravimetric measurements of dip changes. The non-magnetic measuring principles make the Maxibor II ideal for surveys in magnetically disturbed rock or inside metal drill rods.

A brief summary of the hole drilled is outlined below. A detailed drill log for the hole is found in Appendix B.

HOLE RH10-01

Location: 412750E/ 5334260N (GPS Nad 83)

Claim: 3010209

Dip: -48 Azimuth: 180

Length: 446 m

Target: Radio Hill Iron Formation.

Summary: The hole intersected the following stratigraphy:

0.0 – 9.6	Overburden
9.6 – 71.0	Diabase (Gabbro)
71.0 – 425.0	Iron Formation (dominantly F type see Figure 3)
71.0 – 145.63	Multiple mafic dikes (6) and secondary pyrrhotite.
187.82 – 213.83	E-type (Figure 4)
308.0 – 312.72	E-type (Figure 5)
413-425	E-type
425.0 – 446.0	Fragmental Volcanics
428.2 – 435.0	Interbedded chert, chert-silicate and magnetite iron formation

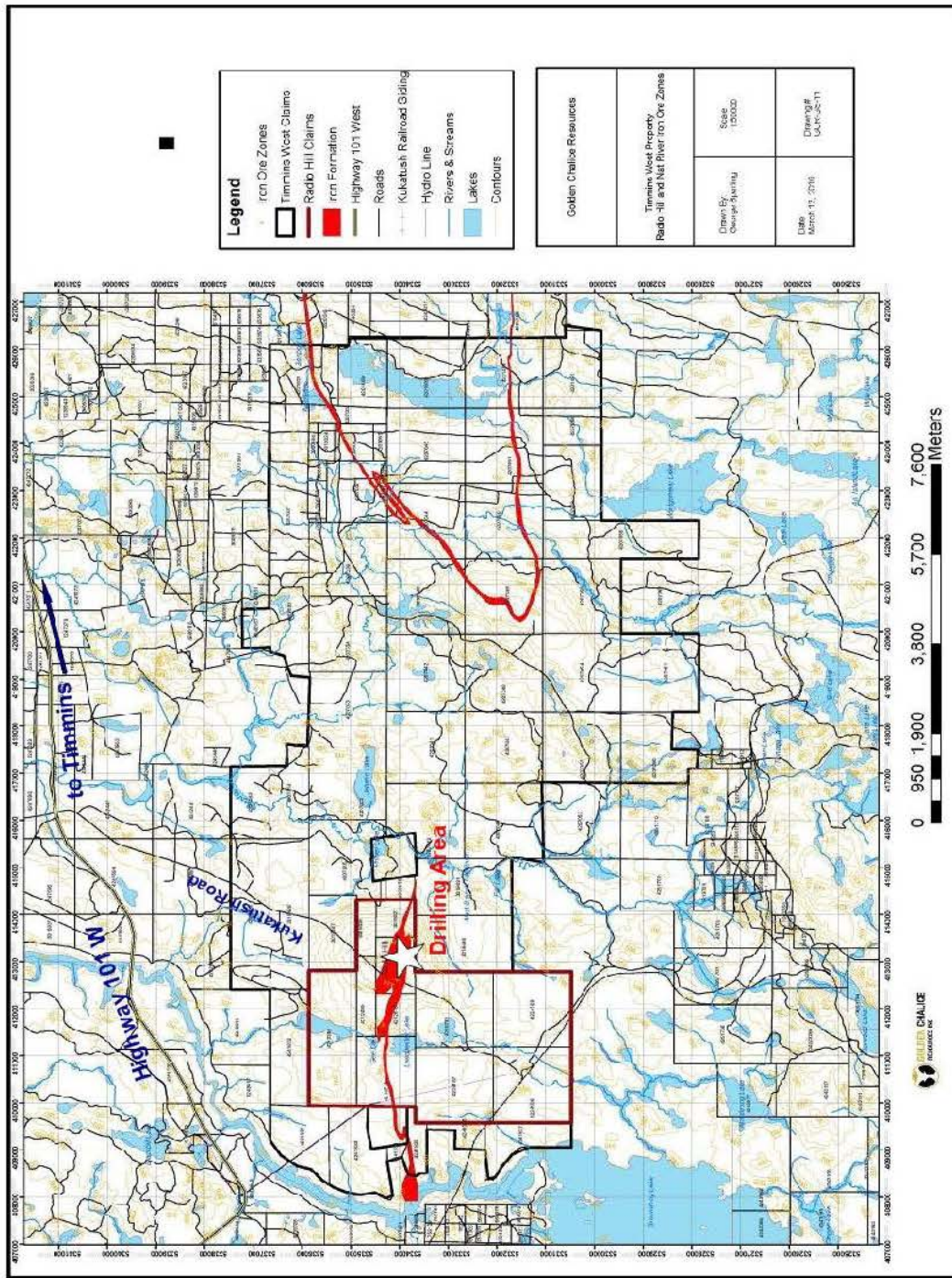


Figure 3 Drill Hole Location Map



Figure 4 “F-Type” iron formation, lean chert beds with interbedded magnetite-rich chert beds and magnetite beds.



Figure 5 “E-Type” iron formation, magnetite-rich chert beds with interbedded magnetite beds.



Figure 6 “E-Type” iron formation, magnetite-rich chert beds with interbedded magnetite beds. Note difference in magnetite content in F type chert above 308m.

CONCLUSION AND RECOMMENDATIONS

The iron formation intersected by hole RH10-01 consists of magnetite interbedded with variable thicknesses of chert and chert-silicates. No siderite and only very limited sulphide iron formation was intersected.

Diamond drill hole RH10-01 was 446 meters long and intersected iron formation from 71 to 425 meters for a total length of 354 meters, before terminating in footwall volcanics. The hole was drilled from north to south at a dip of -48 degrees, representing an approximate, estimated true width of 260 meters, or 73% of the intersection. It confirmed the continuity of the iron formation down to a vertical depth of approximately 320 meters, similar to the depth of the existing historic resource estimate of 327 million tonnes of 27.3% iron (historic, non-NI 43-101 compliant). The thickened portion of the iron formation remains open down-dip to the north and down plunge to the northwest, indicating further drilling is required to test the potential at depth as well as determine if the higher grade iron section indicated in historic drill sections continues to expand.

It is recommended that the iron formation intersected in RH10-01 be sampled and sent for total iron analysis. The sections interpreted to be “E-Type” iron formation should be completely sampled and remainder interpreted to be “F-type” should be selectively sampled. Samples should average 3 m in length whenever possible. Any pyrrhotite rich sections should be avoided as well as those diluted by the multiple mafic intrusive dykes/sills.

Expenditures for the diamond drilling program totalled \$ 88,844.00 (see Appendix A).

REFERENCES

Hartley, C.

2008 Report on Diamond Drilling for Golden Chalice Resources on the Timmins West Project, Porcupine Mining Division, Northeastern Ontario.

Montgomery, K. and Sparling, G.

2008 Report of Geological mapping and mechanical stripping on Golden Chalice Resources, Radio Hill Property, Timmins West Project, Porcupine Mining Division, Northeastern Ontario

CERTIFICATE OF QUALIFICATIONS

I, J. Kevin Montgomery, of the City of Timmins, Province of Ontario, do hereby certify that:

- (1) I am a professional Consulting Geologist, residing at 1190 Lozanne Crescent, Timmins Ontario, P4P 1E8.
- (2) I hold a B.Sc. Honours degree in Geological Sciences (1984) from Queen's University of Kingston, Ontario and a M.Sc.(App.) in Mineral Exploration (1987) from McGill University at Montreal, Quebec.
- (3) I am a registered professional geoscientist with the Association of Professional Geoscientists of Ontario.
- (4) This report is based on my supervision of the diamond drilling program on the Radio Hill Property in 2011.
- (5) I have no personal interest in the property covered by this report.
- (6) Permission is granted for the use of this report, in whole or in part, for assessment and qualification requirements but not for advertising purposes.

Dated at Timmins, Ontario
This 16th day of May, 2011.

J. Kevin Montgomery, P.Geo., M.Sc. (App.)

APPENDIX A CERTIFICATE OF EXPENDITURES

Rogue Resources
 Radio Hill Property
 Diamond Drilling Program
 Porcupine Mining Division
 October 15, 2010 to May 16, 2011

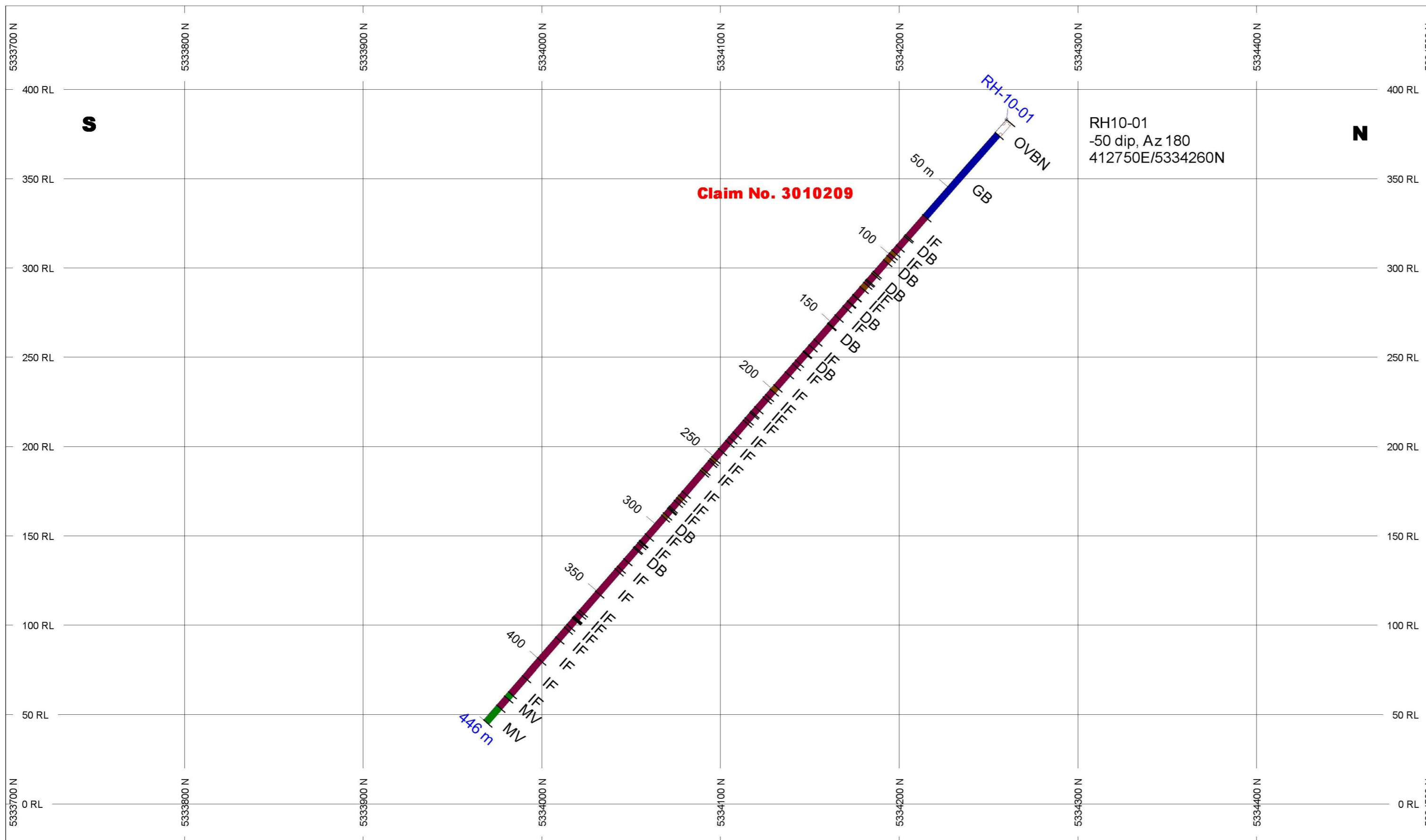
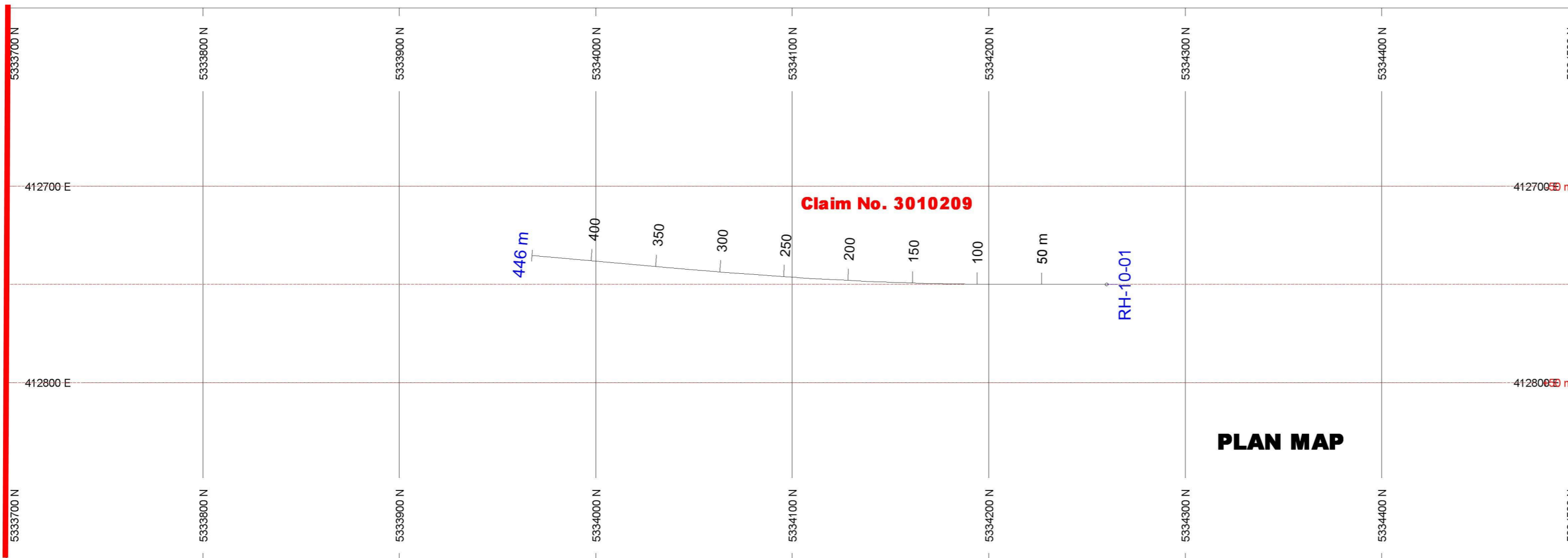
Senior Geologist	\$ 3,390.00
Core logging Geologist	\$ 9,874.82
Senior Field Technician	\$ 6,158.50
Core Drilling	\$ 60,926.44
Drill Hole Location surveying	\$ 1,645.28
Downhole Surveying	\$ 1,436.43
Truck	\$ 2,400.00
Fuel	\$ 687.00
Field Supplies	\$ 121.61
Report Writing & Drafting of Maps	\$ 2,203.50
TOTAL	\$ 88,844.00

Certified by:

J Kevin Montgomery

Date: May16, 2011

Note: This certificate has been constructed from the invoices submitted to Rogue Resources.



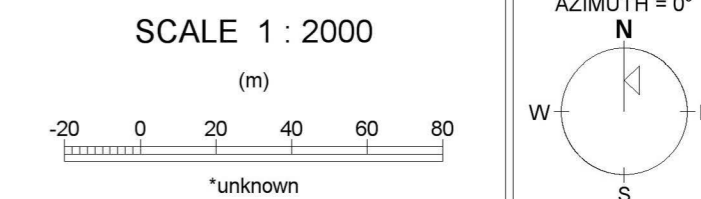
Claim No. 4212499



ROCK CODES	PAT	LABEL	DESCRIPTION
Code		DB	diabase
		GB	gabbro
		IF	iron formation
		OVBN	overburden
		MV	Mafic Volcanic (undifferentiated)

POSTED TEXT	L/R	TEXT	ITEMS
Code	R	-----	All

SECTION SPECS:
 REF. PT. E, N 412750 m 5334100 m
 EXTENTS 800.4 m 469.1 m
 SECTION TOP, BOT 446.9 m -22.21 m
 TOLERANCE +/- 50 m



Rogue Resources
Radio Hill
Timmins West Project
May 2011

#####>

Date: 29 Apr, 2011 ROGUE RESOURCES INC Page: 1 of 16
 Northing: 5334260.00 DRILL HOLE RECORD Drill Hole: RH-10-01
 Easting: 412750.00
 Elevation: 383.22 *** Dip Tests *** Project: Radio Hill
Depth Azi. Dip Property: Radio Hill
 Collar Azi.: 180.0 Claim: 3010209
 Collar Dip: -50.0 446 180.0 -50.0 Northing: N/A
Easting: N/A
GPS Northing: 5334260
GPS Easting: 412750
 Hole length: 446.00 Date Started: October 21, 2010
 Units: Metric Date completed: November 9, 2010
 Core size: NQ Drilled by: Denis Crites Drilling LTD
 Grid: N/A Sample type: N/A
Analyses: N/A
 Materials left: Casing Lab: N/A
 Collar survey: Handheld GPS Sample series: N/A
 DH Survey method: N/A Lab report: N/A
 Comments: N/A
 Logged by: Rod Johnson
 Date(s) logged: November 1-15, 2010
 Purpose: N/A
 Core storage: Rogue Facility Timmins

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From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Zn (ppm)	Pb (ppm)	Co (ppm)	Cu (%)	Ni (%)
.00	9.60	OVERBURDEN															
9.60	71.00	GABBRO															
	10.00	Equigranular, fine-grained, plagioclase, clinopyroxene, interstitial glass altered to chlorite and/or biotite, magnetite with ilmenite lamellae, and trace amounts of disseminated pyrite.															
71.00	85.96	IRON FORMATION															
	71.00	0. Iron formation: banded iron formation composed of alternating beds of chert, chert-silicate (minnesotaite), chert-magnetite, and massive magnetite.															
	71.00	75.70 Iron formation (bedding), type mx, minerology ch>ch-sil>ch-mt>mt, 10 thickness, 7 %mt- chert beds, 3 % Mafic Tuff beds.															
	71.00	Magnetic susceptibility, 1009.															
	72.00	Magnetic susceptibility, 1001.															
	73.00	Magnetic susceptibility, 1100.															
	74.00	Magnetic susceptibility, 777.3.															
	75.00	Magnetic susceptibility, 104.4.															

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From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Zn (ppm)	Pb (ppm)	Co (ppm)	Cu (%)	Ni (%)
		423.00	Magnetic susceptibility, 833.1.														
		424.00	Magnetic susceptibility, 1843.														
425.00	428.18	MAFIC VOLCANIC (UNDIFFERENTIATED)															
		425.00	Magnetic susceptibility, 21.71.														
		Volcanic rocks:.															
		426.00	Magnetic susceptibility, 34.39.														
428.18	434.99	IRON FORMATION															
		Interbedded chert, magnetite and silicate beds to magnetite content decreasing downward.															
434.99	446.00	MAFIC VOLCANIC (UNDIFFERENTIATED)															
		Fragmental volcanic rocks:.															
446.00		END OF HOLE															