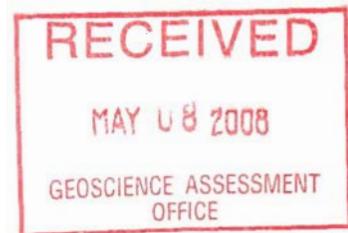


**REPORT ON THE
2007 SUMMER DRILL PROGRAM
HYMAN-NAIRN PROPERTY
TRELAWNEY RESOURCES INC.**

SUDBURY MINING DIVISION, ONTARIO

GEORGE GIGA, B.Sc.

MAY 5, 2008



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TABLE OF CONTENTS

Introduction	1
Property Location and Access	1
Claim Information	3
Regional Geology	3
Property Geology	5
History of Previous Work	5
2007 Drill Program	6
Conclusions and Recommendations	6
References	10
Certificate of Qualification	11

LIST OF FIGURES

- Figure 1: Property Location Map
- Figure 2: Claim Location Map
- Figure 3: Geology Sketch Map
- Figure 4: Drill Hole Location Map
- Figure 5-9: Drill Hole Sections

LIST OF APPENDICES

- Appendix A: Diamond Drill Logs
- Appendix B: List of Samples and Assay Results
 - Assay Certificates
- Appendix C: Petrographic Report

INTRODUCTION

This report will evaluate the data gathered during the 19 day drill program performed during the period of July 8, 2007 to July 30, 2007, on Trelawney Resources Inc.'s Hyman Nairn property. The aim of the program is to locate zones of Cu-Ni-PGE-Au mineralization based on the interpretation of the 1999 IP survey data performed by Patrie (Winter, L.D.S., 2000).

A total of 945m of drilling (N-07-01 to 05) was performed by Norex Drilling, while the logging, core splitting and field work were undertaken by George Giga of Montreal, Quebec and Jean Robert of Foleyet, Ontario.

PROPERTY LOCATION AND ACCESS

The Hyman Nairn property is located on both Hyman and Nairn township areas NTS 041I05, approximately 55 km west of Sudbury, Ontario (*Figure 1*).

The property is located in the Sudbury Mining Division, and shown on the Nairn Township Map Sheet (G-2976) and Hyman Township Map Sheet (G-2966).

The property is road accessible 6 km north of Highway 17. There exists a trail that allows access to most of the property.



Hyman-Nairn Property, Ontario

FIGURE 1:
HYMAN-NAIRN PROJECT
LOCATION MAP

MAY 2008

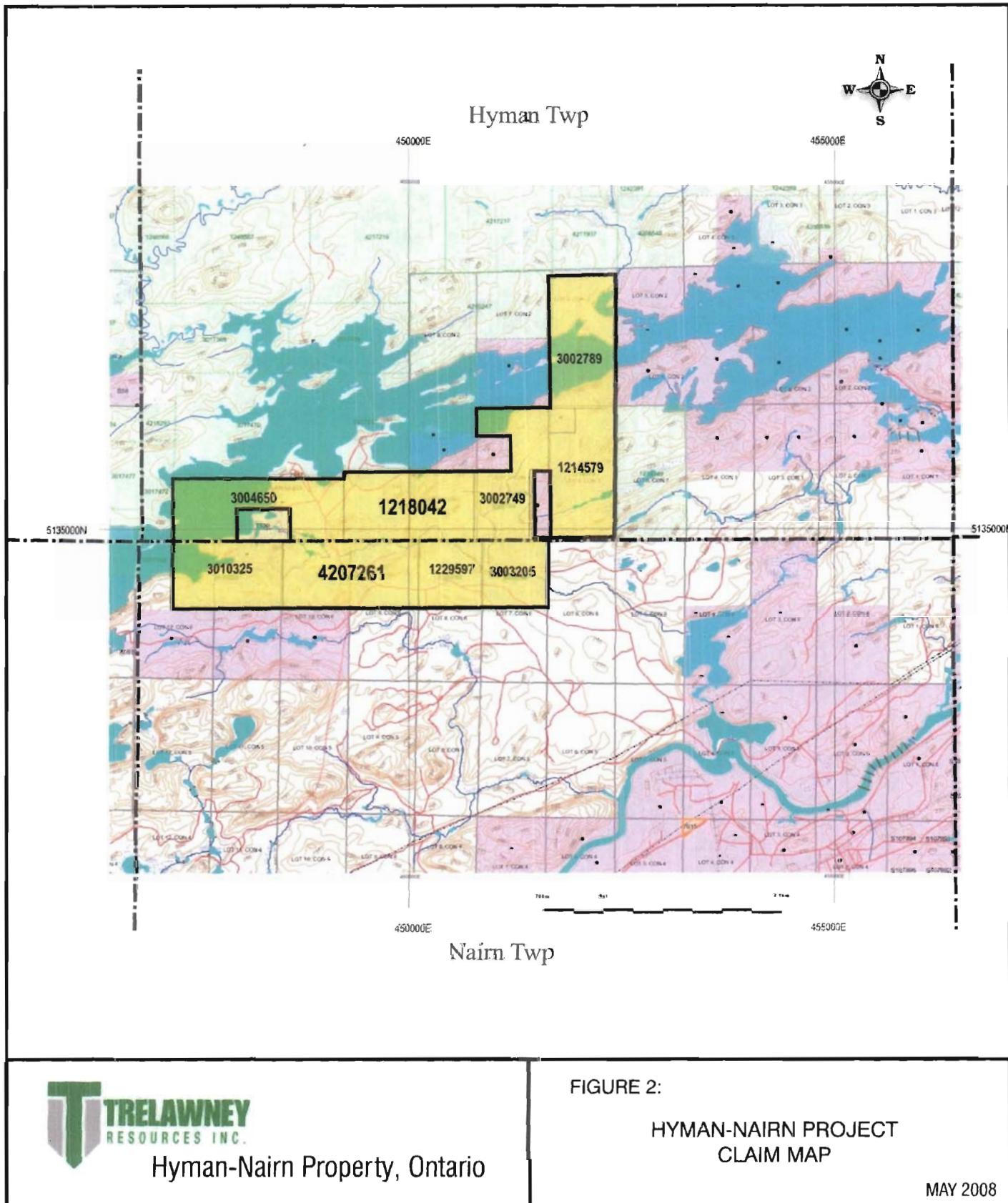
CLAIM INFORMATION

The Hyman Nairn property (*Figure 2*), consists of the following claim(s):

Twp./Area	Claim No.	Recording Date	Claim Due Date	Work Required (\$)	Total Applied (\$)	Recorded Holder
Nairn	3003205	2002-Sep-06	2008-Sep-06	1,600	6,400	Dan Patrie Exploration Ltd.
Nairn	1229597	1999-Jun-25	2008-Jun-25	1,600	11,200	Dan Patrie Exploration Ltd.
Hyman	1214579	1998-Nov-02	2008-Nov-02	3,200	25,600	Dan Patrie Exploration Ltd.
Hyman	3002749	2002-Sep-27	2008-Sep-27	3,200	12,800	Norwin Geological Ltd.
Hyman	3002789	2002-Sep-27	2008-Sep-27	3,154	12,846	Norwin Geological Ltd.
Hyman	3004650	2002-Nov-12	2008-Nov-12	4,000	16,000	Norwin Geological Ltd.
Nairn	4207261	2006-May-23	2008-May-23	3,200		Trelawney Resources Inc.
Hyman	1218042	1998-Nov-02	2008-Nov-02	3,200	25,600	Dan Patrie Exploration Ltd.
Hyman	3010325	202-Sep-13	2008-Sep-13	2,400	9,600	Norwin Geological Ltd.

REGIONAL GEOLOGY

The regional geology is of Precambrian age. The rocks are overlain unconformably by unconsolidated sediments of Pleistocene to Recent age. The Precambrian rock consists of basic to intermediate metavolcanics with minor metasediments (oldest), followed by intrusive granitic rocks. The main group of metasedimentary rocks of Huronian age lies unconformably on, or in fault contact with, the two older groups. Nipissing gabbroic rocks, intrude all above mentioned groups, and are in turn intruded by diabase dikes (youngest) (Card, K.D., 1965).



PROPERTY GEOLOGY

The geology of the property is dominated by Nipissing gabbro sills intruding metasedimentary rocks of Huronian age. The metasediments consists of polymictic conglomerates, metapelites, and quartzites. Late stage olivine diabase dikes crosscut all other lithology on the property (Wood, P.C., 2004).

HISTORY OF PREVIOUS WORK

In 1928, Spanish Basin Mines Syndicate held the Keba property and then was restaked by Falconbridge Nickel Mines Ltd. in 1953-54. This is Trelawney Resources Ltd.'s area of interest, as shown by the largely exposed gossan and intense surface mineralization. Geological and geophysical surveys were performed in 1953, which revealed no zones of mineralization worthy of further exploration.

In 1959, Kordol Exploration Ltd. held claims in the area south of Agnew Lake and performed geological mapping, ground geomagnetic survey, surface trenching, sampling and diamond drilling. A select number of assay results produced significant values in Cu, Ni, Co, Pt and Pd. Such values were found in altered metagabbro bearing massive to disseminated chalcopyrite, pyrrhotite and pyrite.

In 1970, Sudnor Mining Company Ltd. drilled a total of three holes for a total of 77.3 m., with no reported assays. In 1971, a trenching program was performed, with no reported assays.

In 1999, work performed consisted of line cutting, magnetic and IP surveys, and 16 days of prospecting by Dan Patrie and associates.

In 2002-03, Mustang Minerals Corp. performed a geological survey, followed by a 623 m drill program.

2007 DRILL PROGRAM

Prior to drilling, a total of 11 km of previously cut grid was re-established. This work was required as the original grid was in poor condition, and to provide an accurate location of the IP anomalies in relation to the drill holes.

A 945 m drill program was performed on the Hyman Nairn property from July 8 to July 30, 2007 by Norex Drilling, while the logging, sampling, splitting and crosspiling by one geologist and one assistant. Determination of drill targets were based upon IP work performed in 1999 by Dan Patrie and associates. The IP chargeability pseudosections shown certain patterns and continuity over a given area. Based upon the interpretation of the IP data, five targets were assigned to be drilled. The five drill targets consisted of four new and one extension of a previous hole performed by Mustang Minerals Corp. in 2003. Given the limited time frame, the aim of the drill program was to establish a correlation between the IP anomaly and Cu, Ni, Pt and Pd mineralization. All five drill holes were logged and sampled, with locations and geological contacts tied into the topography and plotted on the accompanying map at a scale of 1:2500 (*Figures 3 and 4*). A list of drill holes, including inclination and locations is as follows:

Hole	Angle	Northing	Easting	Elevation	Hole Depth (m)	Meters Drilled (m)	E Grid Coordinate	S Grid Coordinate	Claim
N-07-01	-45	5134912	449371	1000	197	197	2+50	3+50	1218042
N-07-02	-45	5134892	449528	1000	183	183	4+00	3+50	1218042
N-07-03*	-45	5134897	449826	1000	266	57	7+00	3+55	1218042
N-07-04	-45	5134776	449226	1000	308	308	1+00	5+00	4207261
N-07-05	-45	5134676	449842	1000	200	200	7+00	6+50	4207261

*Extended from 209 m to 266 m

CONCLUSIONS AND RECOMMENDATIONS

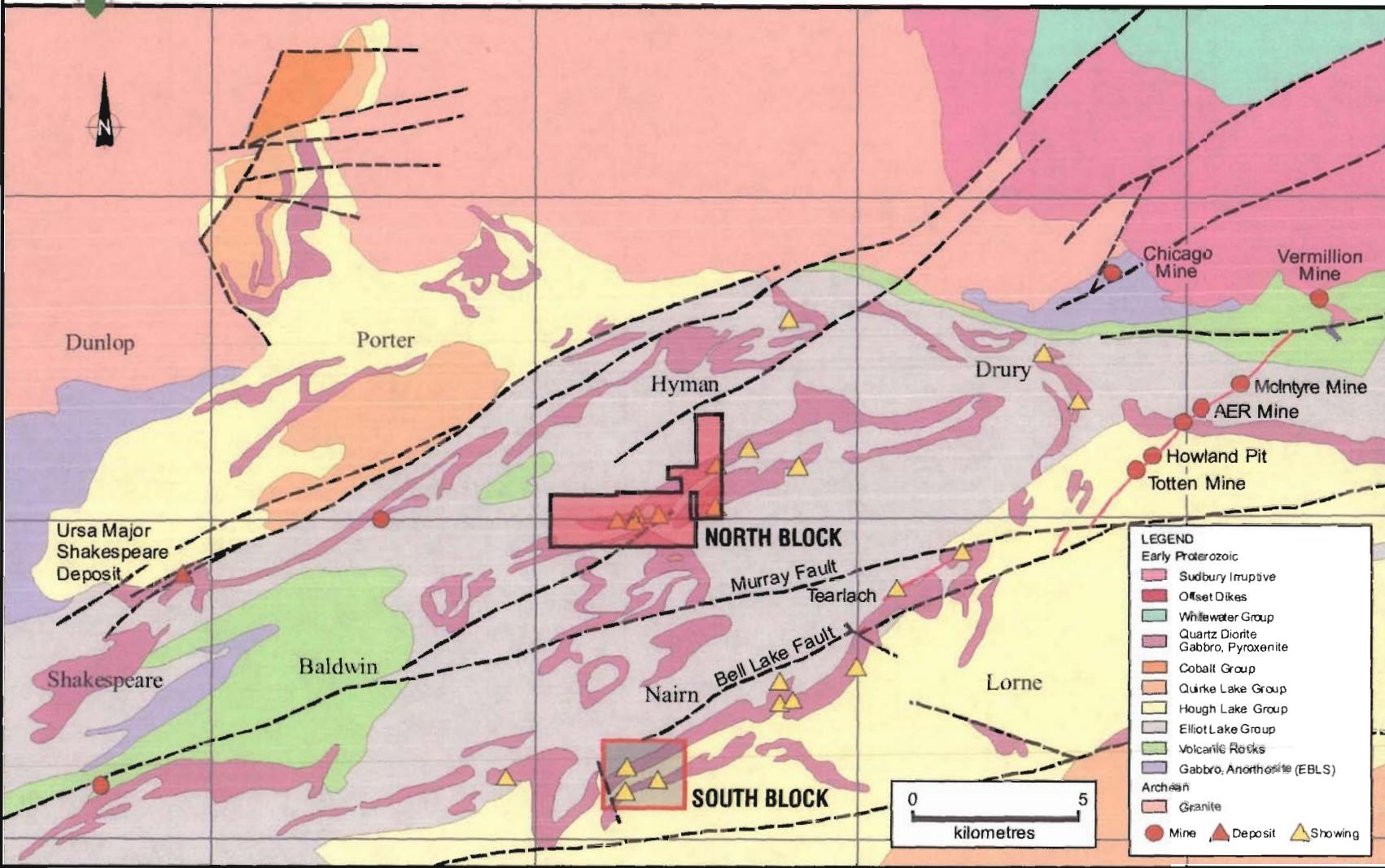
Due to the limited time spent on the property and marginal assay values, Trelawney Resources Inc. should suspend its current program for the near term. Although there are

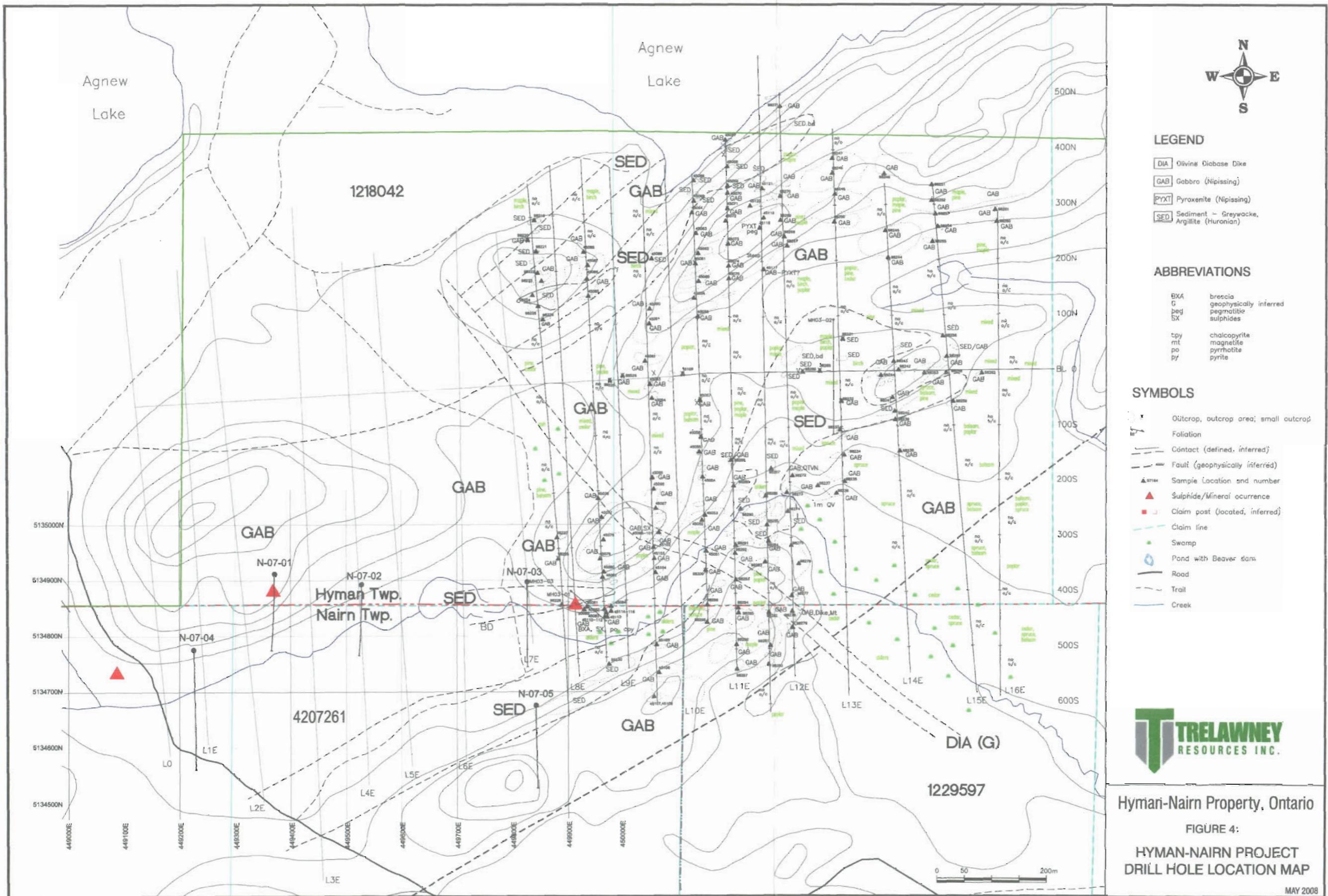


HYMAN-NAIRN PROJECT

Hyman/Nairn Townships, Ontario

FIGURE 3:
Geology Sketch Map





signs of potential mineralization throughout the property, Trelawney Resources Inc. should attempt to assess its potential viability through additional prospecting and geophysics before fully committing itself to any further drilling.

REFERENCES

- Card, K.D. 1965. Geology of Hyman and Drury Townships. Ontario Department of Mines, Geological Report No. 34. 38 pp.
- Ginn, R.M. 1965. Geology of Nairn and Lorne Townships. Ontario Department of Mines, Geological Report No. 35. 46 pp.
- Winter, L.D.S. 2000. Goldwright Explorations Inc. Geological Report on the Agnew Lake Property, Hyman and Nairn Townships. 15 pp.
- Wood, P.C. 2004. Mustang Minerals Corp. Report on the 2003 Summer Mapping Program on the Hyman Property, Hyman/Nairn Townships, Sudbury, Ontario. 31 pp.

CERTIFICATE OF QUALIFICATION

I, George Giga do hereby certify:

1. That I am a geologist residing at 6954 Molson Street, Montreal, Quebec, H2A 3K1,
2. That I graduated from Concordia University, with a B.Sc. (Specialization in Geology),
3. That I have practised my profession since 1986,
4. That I visited the Hyman-Nairn property,
5. That as of the date of this certificate, I am not aware of any material fact or material change with regards to the property that would make my report misleading,
6. That my report on the Hyman-Nairn property is based on my general knowledge of the geology of the area, my property visits and a review of published and unpublished information on the property area,
7. That I own no direct or indirect interest in Trelawney Resources Inc., the Hyman-Nairn property or any adjacent properties and I do not expect to acquire any and,
8. I have written this report as a totally independent geologist.

DATED AT Kingston, this 5th day of May 2008

George Giga, B.Sc.

Appendix A

Diamond Drill Logs

Date: 19 Oct, 2007

TRELAWNEY RESOURCES INC.

Page: 1 of 3

Northing: 5134912

DRILL HOLE RECORD

Drill Hole: N-07-01

Easting: 449371

*** Dip Tests ***

Grid Co-ords: 2+50E 3+50S

Elevation: 1000

Depth Azi. Dip

Claim: 1218042

Collar Azi.: 180.0

Property: Hyman-Nairn

Collar Dip: -45.0

101 182.5 -45.5

Property Name: Nairn

197 183.9 -47.0

Core Size: NQ

Hole Length: 197

Stored at: On Site

Date Finished: 15 July 2007

Date Started: 13 July 2007

Materials left: Casing

Logged by: G. Giga

Drilled by: Norex Drilling Ltd.

Date Logged: 13-16 July 2007

Purpose: To test IP anomaly and surface showing.

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lng (m)	AU G/T	CU %	NI %	PT G/T	PD G/T
.00	.60	CASING									
.60	157.40	GABBRO									
		Grey green to green, fine to medium grained, occasional quartz-carbonate stringers present, locally chloritic altered. Mineralization up to 2% disseminated pyrrhotite, chalcopyrite, pyrite, locally massive occurrence of pyrrhotite, chalcopyrite.	4020	10.5	11.0	.5	nill	.007	.004	<.0050	<.0050
		30.20 31.80 Section displaying disseminated to massive pyrrhotite, chalcopyrite.	4001	22.3	23.1	.8	.01	.001	.011	<.0050	<.0050
		44.80 45.80 Up to 1% disseminated pyrrhotite, chalcopyrite.	4002	23.1	23.6	.5	.06	.016	.034	<.0050	<.0050
		69.00 71.50 Up to 1% disseminated pyrrhotite, chalcopyrite.	4003	23.6	24.4	.8	.09	.137	.183	.0100	.0600
		76.40 76.80 2% disseminated pyrrhotite, chalcopyrite.	4062	28.2	29.2	1.0	nill	.005	.005	<.0050	<.0050
			4063	29.2	30.2	1.0	nill	.008	.028	<.0050	<.0050
			4004	30.2	31.2	1.0	.03	.212	.105	.0200	.0500

|| Date: 19 Oct, 2007

TRELAWNEY RESOURCES INC.

|| Page: 1 of 2

|| Northing: 5134892

DRILL HOLE RECORD

Drill Hole: N-07-02

|| Easting: 449528

|| Elevation: 1000

*** Dip Tests ***

Grid Co-ords: 4+00E 3+50S

|| Collar Azi.: 180.0

Depth Azi. Dip

Claim: 1218042

|| Collar Dip: -45.0

101 182.7 -46.6

Property: Hyman-Nairn

182 183.8 -48.2

Property Name: Nairn

|| Hole Length: 183

Core Size: NQ

|| Date Finished: 17 July 2007

Stored at: On Site

|| Materials left: Casing

Date Started: 16 July 2007

|| Drilled by: Norex Drilling Ltd.

Logged by: G. Giga

|| Date Logged: 16-18 July 2007

|| Purpose: To test IP anomaly

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lng	AU	CU	NI	PT	PD
						G/T	%	%	G/T	G/T	
.00	6.00	CASING									
6.00	183.00	GABBRO									
		Grey green to green, fine to medium grained, occasional quartz-carbonate stringers/veinlets/flooding present, locally chloritic altered. Mineralization up to 1%, seen as very fine to fine disseminated pyrrhotite, chalcopyrite, also seen along fractures and as blebs.	4052	11.0	12.0	1.0	nill	.007	.005	<.0050	<.0050
			4038	106.0	107.0	1.0	.03	.060	.047	<.0050	.0100
			4039	107.0	108.1	1.1	.02	.016	.033	<.0050	<.0050
			4040	117.7	118.2	.5	.01	.013	.007	<.0050	<.0050
		106.00 108.10 Fine disseminated pyrrhotite, trace chalcopyrite within a biotite bearing gabbroic section.	4041	122.0	123.1	1.1	.02	.007	.005	<.0050	<.0050
			4042	123.1	124.2	1.1	nill	.008	.005	<.0050	<.0050
		117.70 118.20 Narrow quartz-carbonate veinlet bearing disseminated pyrrhotite,	4043	135.4	136.0	.6	.01	.020	.012	<.0050	<.0050

From	To	Geology	Smpl	From	To	Lng	AU	CU	NI	PT	PD	
(m)	(m)					(m)	(m)	G/T	%	%	G/T	G/T
		chalcopyrite.	4044	140.0	141.0	1.0	nil	.010	.007	<.0050	.0100	
122.00	124.20	Very narrow quartz-carbonate veinlet bearing disseminated pyrrhotite within a series of fractured filled quartz-carbonate stringers.	4045	143.0	144.0	1.0	nil	.009	.004	<.0050	<.0050	
135.40	136.00	Fine disseminated pyrrhotite, trace chalcopyrite within a biotite bearing gabbroic section.	4046	146.0	147.0	1.0	nil	.033	.011	<.0050	<.0050	
146.00	147.00	Narrow quartz-carbonate veinlet bearing disseminated pyrrhotite, chalcopyrite.	4047	149.2	149.9	.7	nil	.015	.005	<.0050	<.0050	
149.20	150.90	1% finely disseminated pyrrhotite, chalcopyrite.	4048	152.2	152.7	.5	nil	.007	.007	<.0050	<.0050	
152.20	152.70	10cm quartz-carbonate flooding bearing disseminated pyrrhotite, chalcopyrite.	4049	154.4	155.4	1.0	nil	.008	.006	<.0050	<.0050	
159.00	159.80	Finely disseminated pyrrhotite, chalcopyrite within a biotite bearing gabbroic section.	4050	166.1	166.7	.6	nil	.011	.004	<.0050	<.0050	
176.00	179.00	Anhedral inclusions of dull black, non magnetic specks within a gabbroic section.	4051	170.0	171.0	1.0	nil	.008	.005	<.0050	<.0050	
183.00		End of hole.	4052	176.0	177.0	1.0	nil	.010	.004	<.0050	<.0050	
			4053	177.0	178.0	1.0	nil	.008	.005	<.0050	<.0050	
			4054	178.0	179.0	1.0	nil	.011	.004	<.0050	<.0050	
			4055	179.0	180.0	1.0	nil	.008	.005	<.0050	<.0050	
			4056	180.0	181.0	1.0	nil	.006	.005	<.0050	<.0050	
			4057	181.0	182.0	1.0	nil	.012	.004	<.0050	<.0050	
			4058	182.0	183.0	1.0	nil	.008	.004	<.0050	<.0050	
			4059	183.0	184.0	1.0	nil	.011	.004	<.0050	<.0050	
			4060	184.0	185.0	1.0	nil	.008	.004	<.0050	<.0050	
			4061	185.0	186.0	1.0	nil	.013	.004	<.0050	<.0050	
			4062	186.0	187.0	1.0	nil	.008	.004	<.0050	<.0050	
			4063	187.0	188.0	1.0	nil	.014	.004	<.0050	<.0050	
			4064	188.0	189.0	1.0	nil	.008	.004	<.0050	<.0050	
			4065	189.0	190.0	1.0	nil	.015	.004	<.0050	<.0050	
			4066	190.0	191.0	1.0	nil	.008	.004	<.0050	<.0050	
			4067	191.0	192.0	1.0	nil	.016	.004	<.0050	<.0050	
			4068	192.0	193.0	1.0	nil	.008	.004	<.0050	<.0050	
			4069	193.0	194.0	1.0	nil	.017	.004	<.0050	<.0050	
			4070	194.0	195.0	1.0	nil	.008	.004	<.0050	<.0050	
			4071	195.0	196.0	1.0	nil	.018	.004	<.0050	<.0050	
			4072	196.0	197.0	1.0	nil	.008	.004	<.0050	<.0050	
			4073	197.0	198.0	1.0	nil	.019	.004	<.0050	<.0050	
			4074	198.0	199.0	1.0	nil	.008	.004	<.0050	<.0050	
			4075	199.0	200.0	1.0	nil	.020	.004	<.0050	<.0050	
			4076	200.0	201.0	1.0	nil	.008	.004	<.0050	<.0050	
			4077	201.0	202.0	1.0	nil	.021	.004	<.0050	<.0050	
			4078	202.0	203.0	1.0	nil	.008	.004	<.0050	<.0050	
			4079	203.0	204.0	1.0	nil	.022	.004	<.0050	<.0050	
			4080	204.0	205.0	1.0	nil	.008	.004	<.0050	<.0050	
			4081	205.0	206.0	1.0	nil	.023	.004	<.0050	<.0050	
			4082	206.0	207.0	1.0	nil	.008	.004	<.0050	<.0050	
			4083	207.0	208.0	1.0	nil	.024	.004	<.0050	<.0050	
			4084	208.0	209.0	1.0	nil	.008	.004	<.0050	<.0050	
			4085	209.0	210.0	1.0	nil	.025	.004	<.0050	<.0050	
			4086	210.0	211.0	1.0	nil	.008	.004	<.0050	<.0050	
			4087	211.0	212.0	1.0	nil	.026	.004	<.0050	<.0050	
			4088	212.0	213.0	1.0	nil	.008	.004	<.0050	<.0050	
			4089	213.0	214.0	1.0	nil	.027	.004	<.0050	<.0050	
			4090	214.0	215.0	1.0	nil	.008	.004	<.0050	<.0050	
			4091	215.0	216.0	1.0	nil	.028	.004	<.0050	<.0050	
			4092	216.0	217.0	1.0	nil	.008	.004	<.0050	<.0050	
			4093	217.0	218.0	1.0	nil	.029	.004	<.0050	<.0050	
			4094	218.0	219.0	1.0	nil	.008	.004	<.0050	<.0050	
			4095	219.0	220.0	1.0	nil	.030	.004	<.0050	<.0050	
			4096	220.0	221.0	1.0	nil	.008	.004	<.0050	<.0050	
			4097	221.0	222.0	1.0	nil	.031	.004	<.0050	<.0050	
			4098	222.0	223.0	1.0	nil	.008	.004	<.0050	<.0050	
			4099	223.0	224.0	1.0	nil	.032	.004	<.0050	<.0050	
			4100	224.0	225.0	1.0	nil	.008	.004	<.0050	<.0050	
			4101	225.0	226.0	1.0	nil	.033	.004	<.0050	<.0050	
			4102	226.0	227.0	1.0	nil	.008	.004	<.0050	<.0050	
			4103	227.0	228.0	1.0	nil	.034	.004	<.0050	<.0050	
			4104	228.0	229.0	1.0	nil	.008	.004	<.0050	<.0050	
			4105	229.0	230.0	1.0	nil	.035	.004	<.0050	<.0050	
			4106	230.0	231.0	1.0	nil	.008	.004	<.0050	<.0050	
			4107	231.0	232.0	1.0	nil	.036	.004	<.0050	<.0050	
			4108	232.0	233.0	1.0	nil	.008	.004	<.0050	<.0050	
			4109	233.0	234.0	1.0	nil	.037	.004	<.0050	<.0050	
			4110	234.0	235.0	1.0	nil	.008	.004	<.0050	<.0050	
			4111	235.0	236.0	1.0	nil	.038	.004	<.0050	<.0050	
			4112	236.0	237.0	1.0	nil	.008	.004	<.0050	<.0050	
			4113	237.0	238.0	1.0	nil	.039	.004	<.0050	<.0050	
			4114	238.0	239.0	1.0	nil	.008	.004	<.0050	<.0050	
			4115	239.0	240.0	1.0	nil	.040	.004	<.0050	<.0050	
			4116	240.0	241.0	1.0	nil	.008	.004	<.0050	<.0050	
			4117	241.0	242.0	1.0	nil	.041	.004	<.0050	<.0050	
			4118	242.0	243.0	1.0	nil	.008	.004	<.0050	<.0050	
			4119	243.0	244.0	1.0	nil	.042	.004	<.0050	<.0050	
			4120	244.0	245.0	1.0	nil	.008	.004	<.0050	<.0050	
			4121	245.0	246.0	1.0	nil	.043	.004	<.0050	<.0050	
			4122	246.0	247.0	1.0	nil	.008	.004	<.0050	<.0050	
			4123	247.0	248.0	1.0	nil	.044	.004	<.0050	<.0050	
			4124	248.0	249.0	1.0	nil	.008	.004	<.0050	<.0050	
			4125	249.0	250.0	1.0	nil	.045	.004	<.0050	<.0050	
			4126	250.0	251.0	1.0	nil	.008	.004	<.0050	<.0050	
			4127	251.0	252.0	1.0	nil	.046	.004	<.0050	<.0050	
			4128	252.0	253.0	1.0	nil	.008	.004	<.0050	<.0050	
			4129	253.0	254.0	1.0	nil	.047	.004	<.0050	<.0050	
			4130	254.0	255.0	1.0	nil	.008	.004	<.0050	<.0050	
			4131	255.0	256.0	1.0	nil	.048	.004	<.0050	<.0050	
			4132	256.0	257.0	1.0	nil	.008	.004	<.0050	<.0050	
			4133	257.0	258.0	1.0	nil	.049	.004	<.0050	<.0050	
			4134	258.0	259.0	1.0	nil	.008	.004	<.0050	<.0050	
			4135	259.0	260.0	1.0	nil	.050	.004	<.0050	<.0050	
			4136	260.0	261.0	1.0	nil	.008	.004	<.0050	<.0050	
			4137	261.0	262.0	1.0	nil	.051	.004	<.0050	<.0050	
			4138	262.0	263.0	1.0	nil	.008	.004	<.0050	<.0050	
			4139	263.0	264.0	1.0	nil	.052	.004	<.0050	<.0050	
			4140	264.0	265.0	1.0	nil	.008	.004	<.0050	<.0050	
			4141	265.0	266.0	1.0	nil	.053	.004	<.0050	<.0050	
			4142	266.0	267.0	1.0	nil	.008	.004	<.0050	<.0050	
			4143	267.0	268.0	1.0	nil	.054	.004	<.0050	<.0050	
			4144	268.0	269.0	1.0	nil	.008	.004	<.0050	<.0050	
			4145	269.0	270.0	1.0	nil	.055	.004	<.0050	<.0050	
			4146	270.0	271.0	1.0	nil	.008	.004	<.0050	<.0050	
			4147	271.0	272.0	1.0	nil	.056	.004	<.0050	<.0050	
			4148	272.0	273.0	1.0	nil	.008	.004	<.0050	<.0050	
			4149	273.0	274.0	1.0	nil	.057	.004	<.0050	<.0050	
			4150	274.0	275.0	1.0	nil	.008	.004	<.0050	<.0050	
			4151	275.0	276.0	1.0	nil	.058	.004	<.0050	<.0050	
			4152	276.0	277.0	1.0	nil	.008	.004	<.0050	<.0050	
			4153	277.0	278.0	1.0	nil	.059	.004	<.0050	<.0050	
			4154	278.0	279.0	1.0	nil	.008	.004	<.0050	<.0050	
			4155	279.0	280.0	1.0	nil	.060	.004	<.0050	<.0050	
			4156	280.0	281.0	1.0	nil	.008	.004	<.0050	<.0050	
			4157	281.0	282.0	1.0	nil	.061	.004	<.0050	<.0050	
			4158	282.0	283.0	1.0	nil	.008	.004	<.0050	<.0050	
			4159	283.0	284.0	1.0	nil	.062	.004	<.0050	<.0050	
			4160	284.0	285.0	1.0	nil	.008	.004	<.0050	<.0050	
			4161	285.0	286.0	1.0	nil	.063	.004	<.0050	<.0050	
			4162	286.0	287.0	1.0	nil	.008	.004	<.0050	<.0050	
			4163	287.0	288.0	1.0	nil</					

Date: 19 Oct, 2007

TRELAWNEY RESOURCES INC.

Page: 1 of 2

Northing: 5134897

DRILL HOLE RECORD

Drill Hole: N-07-03

Easting: 449826

*** Dip Tests ***

Grid Co-ords: 7+00E 3+55S

Elevation: 1000

Depth Azi. Dip

Claim: 1218042

Collar Azi.: 180.0

266 179.5 -55.4

Property: Hyman-Nairn

Collar Dip: -55.0

Property Name: Nairn

Hole Length: 266

Core Size: NQ

Date Finished: 19 July 2007

Stored at: On Site

Materials left: Casing

Date Started: 18 July 2007

Drilled by: Norex Drilling Ltd.

Logged by: G. Giga

Date Logged: 18-20 July 2007

Purpose: To extend MH-03-03

From (m)	To (m)	Geology	Smpl	From (m)		To (m)		Lng		AU	CU	NI	PT	PD
				G/T	%	G/T	%	G/T	%	G/T	G/T	G/T	G/T	G/T
.00	24.32	CASING												
24.32	100.00	GREYWACKE												
100.00	209.00	GABBRO												
209.00	266.00	GABBRO												
Hole extended, MH03-03 drilled to 212m.			4066	209.0	210.0	1.0	nill	.045	.013	<.0050	<.0050			
Grey green to green, fine to medium grained, occasional quartz-carbonate stringers			4067	210.7	211.4	.7	nill	.052	.032	<.0050	<.0050			
present, locally chloritic altered, odd brecciated, fractured sections present.			4068	214.0	215.0	1.0	nill	.007	.024	<.0050	<.0050			

Date: 19 Oct, 2007

TRELAWNEY RESOURCES INC.

Page: 1 of 3

Northing: 5134776

DRILL HOLE RECORD

Drill Hole: N-07-04

Easting: 449226

*** Dip Tests ***

Grid Co-ords: 1+00E 5+00S

Elevation: 1000

Depth Azi. Dip

Claim: 4207261

Collar Azi.: 180.0

Property: Hyman-Nairn

Collar Dip: -45.0

101 178.6 -45.5

Property Name: Nairn

200 178.8 -45.6

Core Size: NQ

Hole Length: 308

302 180.5 -46.3

Stored at: On Site

Date Finished: 28 July 2007

Date Started: 24 July 2007

Materials left: Casing

Logged by: G. Giga

Drilled by: Norex Drilling Ltd.

Date Logged: 24-29 July 2007

Purpose: To test IP anomaly.

From (m)	To (m)	Geology	Smpl	From (m)		To (m)		Lng		AU	CU	NI	PT	PD
				G/T	%	G/T	%	G/T	%	G/T	G/T	G/T	G/T	G/T
.00	6.00	CASING												
6.00	193.30	GREYWACKE												
		Grey, fine grained, weak local presence of bedding throughout section, argillite bearing seen as wisps. Mineralization less than 1% disseminated pyrrhotite, chalcopyrite, pyrite. Also, seen as blotches along fracture planes and within quartz-carbonate stringers, odd anhedral specks of garnet present.	4118	16.5	17.0	.5	.01	.005	.007	<.0050	<.0050			
			4087	88.0	88.5	.5	.01	.028	.010	<.0050	<.0050			
			4088	104.7	105.5	.8	.01	.037	.020	<.0050	<.0050			
			4089	139.7	140.2	.5	.02	.024	.012	<.0050	<.0050			
		88.00 88.50 10% quartz-carbonate-chlorite flooding bearing less than 1% disseminated pyrrhotite, chalcopyrite.	4090	142.8	143.8	1.0	.02	.021	.009	<.0050	<.0050	.0100		
			4091	187.8	188.9	1.1	nill	.009	.006	<.0050	<.0050			
		104.70 105.50 20% quartz-carbonate-chlorite flooding bearing less than 1% disseminated	4092	188.9	190.0	1.1	nill	.017	.008	<.0050	<.0050			

From (m)	To (m)	Geology	Smpl	From (m)		To (m)		Lng (m)		AU	CU	NI	PT	PD
								G/T		%	%	G/T	G/T	
		pyrrhotite, chalcopyrite.	4093	190.0	191.1	1.1	nil	.013	.007	<.0050	<.0050			
135.00		Weak bedding at 35 degrees to core axis.	4094	191.1	192.2	1.1	nil	.014	.012	<.0050	<.0050			
139.70	140.20	Series of mineralized fractures bearing pyrrhotite, chalcopyrite.	4095	192.2	193.3	1.1	nil	.006	.010	<.0050	.0100			
142.80	143.80	Similar to 139.7-140.2.												
167.00		Weak bedding at 45 degrees to core axis.												
187.80	193.30	Greater presence of microfractures bearing less than 1% disseminated pyrrhotite, chalcopyrite. Odd anhedral specks of garnet present.												
193.30	308.00	GABBRO												
		Grey green to green, fine to coarse grained, occasional quartz-carbonate stringers present, locally chloritic altered. Mineralization up to 1% disseminated pyrrhotite, chalcopyrite.	4096	193.3	194.3	1.0	nil	.012	.004	.0100	.0300			
		207.00 208.00 40cm quartz vein bearing trace pyrrhotite, chalcopyrite.	4097	194.3	195.3	1.0	nil	.012	.004	<.0050	.0100			
		223.00 224.00 Up to 1% disseminated pyrrhotite, chalcopyrite within a biotite bearing gabbroic section.	4098	195.3	196.3	1.0	.02	.016	.003	<.0050	<.0050			
		244.40 248.10 Coarser grained, veritextured gabbro.	4099	196.3	197.3	1.0	.01	.011	.003	<.0050	<.0050			
		261.90 264.60 Silicified, biotite bearing gabbroic section with up to 1% disseminated pyrrhotite, chalcopyrite.	4100	197.3	198.3	1.0	nil	.014	.004	<.0050	<.0050			
		265.70 266.30 Up to 1% disseminated pyrrhotite, chalcopyrite.	4101	198.3	200.3	1.0	nil	.013	.005	<.0050	<.0050			
		268.30 269.30 Series of narrow quartz-carbonate veinlets bearing trace pyrrhotite, chalcopyrite.	4102	200.3	207.0	1.0	nil	.013	.005	<.0050	<.0050			
		308.00 End of hole.	4103	207.0	208.0	1.0	nil	.048	.004	<.0050	<.0050			
			4104	208.0	212.0	1.0	nil	.011	.003	.0100	<.0050			
			4105	212.0	215.0	1.0	nil	.017	.004	.0100	<.0050			
			4106	215.0	216.0	1.0	nil	.033	.005	<.0050	<.0050			
			4107	216.0	223.0	1.0	.01	.009	.005	<.0050	.0100			
			4108	223.0	235.0	1.0	nil	.008	.005	<.0050	.0100			
			4109	235.0	239.0	1.0	nil	.012	.005	<.0050	<.0050			
			4110	239.0	242.0	1.0	nil	.014	.005	<.0050	<.0050			
			4111	242.0	247.0	1.0	nil	.009	.007	<.0050	<.0050			
			4112	247.0	251.0	1.0	nil	.009	.004	<.0050	<.0050			
			4113	251.0	256.0	1.0	nil	.007	.004	<.0050	<.0050			

Date: 19 Oct, 2007

TRELAWNEY RESOURCES INC.

Page: 1 of 3

Northing: 5134676

DRILL HOLE RECORD

Drill Hole: N-07-05

Easting: 449842

*** Dip Tests ***

Grid Co-ords: 7+00E 6+50S

Elevation: 1000

Depth Azi. Dip

Claim: 4207261

Collar Azi.: 180.0

Property: Hyman-Nairn

Collar Dip: -45.0

101 178.4 40.9

Property Name: Nairn

200 178.7 -41.5

Core Size: NQ

Hole Length: 200

Stored at: On Site

Date Finished: 1 August 2007

Date Started: 31 July 2007

Materials left: Casing

Logged by: G. Giga

Drilled by: Norex Drilling Ltd.

Date Logged: 31 July-2 August 2007

Purpose: To test IP anomaly.

From (m)	To (m)	Geology	Smpl	From (m)		To (m)		Lng (m)		AU	CU	NI	PT	PD
								G/T	%	%		G/T	G/T	
.00	4.00	CASING												
4.00	86.50	GREYWACKE												
		Grey, fine grained, weak to moderate sheared at 20 to 25 degrees to core axis, sericitic	4132	60.3	60.9	.6	nil	.012	.006	<.0050	<.0050			
		altered, argillite bearing seen as wisps. Mineralization 1 to 5% very fine to fine	4133	63.2	63.7	.5	.01	.003	.004	<.0050	<.0050			
		disseminated pyrrhotite, chalcopyrite, pyrite. Average up to 1% mineralization. Also,	4134	64.2	64.7	.5	.02	.022	.026	<.0050	.0100			
		seen as blotches along fracture planes and within quartz-carbonate stringers, odd	4135	64.7	65.4	.7	nil	.016	.008	<.0050	.0100			
		anhedral specks of garnet present.	4136	71.3	71.8	.5	nil	.014	.006	<.0050	<.0050			
		60.30 60.90 6cm quartz-carbonate vein bearing trace pyrrhotite, chalcopyrite along its	4137	74.5	75.5	1.0	nil	.007	.007	<.0050	<.0050			
		fractures.	4138	75.5	76.5	1.0	.01	.006	.007	<.0050	<.0050			

Appendix B

List of Samples and Assay Results
Assay Certificates

Hole	Sample	From	To	Width	Comments	Au (g/t)	AU ch (g/t)	Cu %	Ni %	Pt (g/t)	Pd (g/t)	Certificate
N-07-01	4001	22.3	23.1	0.8		0.01	-	0.001	0.011	<0.005	<0.005	7W-2531-RA1
N-07-01	4002	23.1	23.6	0.5		0.06	-	0.016	0.034	<0.005	<0.005	7W-2531-RA1
N-07-01	4003	23.6	24.4	0.8		0.09	0.08	0.137	0.183	0.01	0.06	7W-2531-RA1
N-07-01	4004	30.2	31.2	1		0.03	-	0.212	0.105	0.02	0.05	7W-2531-RA1
N-07-01	4005	31.2	31.8	0.6		0.04	-	0.393	0.88	0.02	0.05	7W-2531-RA1
N-07-01	4006	44.8	45.8	1		Nil	-	0.013	0.046	<0.005	<0.005	7W-2531-RA1
N-07-01	4007	69	70.2	1.2		Nil	-	0.026	0.05	<0.005	0.04	7W-2531-RA1
N-07-01	4008	70.2	71.5	1.3		Nil	-	0.022	0.035	<0.005	0.01	7W-2531-RA1
N-07-01	4009	76.4	76.8	0.4		0.01	-	0.052	0.094	<0.005	0.05	7W-2531-RA1
N-07-01	4010	103.2	104.3	1.1		0.02	-	0.033	0.166	<0.005	0.07	7W-2531-RA1
N-07-01	4011	110	110.4	0.4		Nil	-	0.011	0.009	<0.005	0.02	7W-2531-RA1
N-07-01	4012	165.4	166.5	1.1		0.03	-	0.101	0.091	<0.005	<0.005	7W-2531-RA1
N-07-01	4013	166.5	168	1.5		Nil	-	0.002	0.014	<0.005	<0.005	7W-2531-RA1
N-07-01	4014	168	169.5	1.5		0.01	-	0.005	0.013	<0.005	<0.005	7W-2531-RA1
N-07-01	4015	169.5	171	1.5		Nil	-	0.01	0.011	<0.005	<0.005	7W-2531-RA1
N-07-01	4016	171	172.5	1.5		0.03	-	0.01	0.01	<0.005	<0.005	7W-2531-RA1
N-07-01	4017	172.5	174	1.5		0.01	-	0.012	0.007	<0.005	<0.005	7W-2531-RA1
N-07-01	4018	174	175.5	1.5		Nil	-	0.009	0.007	<0.005	<0.005	7W-2531-RA1
N-07-01	4019	175.5	177	1.5		Nil	-	0.006	0.007	<0.005	<0.005	7W-2531-RA1
N-07-01	4020	10.5	11	0.5	Field Blank	Nil	Nil	0.007	0.004	<0.005	<0.005	7W-2531-RA1
N-07-01	4021	0	0	0	Standard 72a: 0.684% Ni	0.02	-	-	-	0.09	0.04	7W-2531-RA1
N-07-01	4022	0	0	0	Standard 92: 0.229% Cu	0.02	-	-	-	<0.005	<0.005	7W-2531-RA1
N-07-01	4023	177	178.5	1.5		Nil	-	0.005	0.007	<0.005	<0.005	7W-2531-RA1
N-07-01	4024	178.5	180	1.5		Nil	-	0.005	0.008	<0.005	0.01	7W-2531-RA1
N-07-01	4025	180	181.5	1.5		Nil	-	0.007	0.008	<0.005	<0.005	7W-2531-RA1
N-07-01	4026	181.5	183	1.5		Nil	-	0.005	0.008	<0.005	<0.005	7W-2531-RA1
N-07-01	4027	183	184.5	1.5		Nil	-	0.008	0.008	<0.005	<0.005	7W-2531-RA1
N-07-01	4028	184.5	186	1.5	Duplicated as 4037	Nil	-	0.008	0.008	<0.005	<0.005	7W-2531-RA1
N-07-01	4029	186	187.5	1.5		Nil	Nil	0.005	0.008	<0.005	<0.005	7W-2531-RA1
N-07-01	4030	187.5	189	1.5		Nil	-	0.007	0.008	<0.005	<0.005	7W-2531-RA1
N-07-01	4031	189	190.5	1.5		Nil	-	0.01	0.014	<0.005	<0.005	7W-2531-RA1
N-07-01	4032	190.5	192	1.5		Nil	-	0.004	0.007	<0.005	<0.005	7W-2531-RA1
N-07-01	4033	192	193.5	1.5		0.01	-	0.006	0.007	<0.005	<0.005	7W-2531-RA1
N-07-01	4034	193.5	195	1.5		Nil	Nil	0.005	0.007	<0.005	<0.005	7W-2531-RA1
N-07-01	4035	195	196	1		Nil	-	0.006	0.007	<0.005	<0.005	7W-2531-RA1
N-07-01	4036	196	197	1		0.02	-	0.004	0.008	<0.005	<0.005	7W-2531-RA1
N-07-01	4037	184.5	186	1.5	Duplicate of 4028	0.01	-	0.006	0.008	<0.005	<0.005	7W-2531-RA1
N-07-02	4038	106	107	1		0.03	-	0.06	0.047	<0.005	0.01	7W-2531-RA1
N-07-02	4039	107	108.1	1.1		0.02	-	0.016	0.033	<0.005	<0.005	7W-2531-RA1
N-07-02	4040	117.7	118.2	0.5		0.01	-	0.013	0.007	<0.005	<0.005	7W-2531-RA1
N-07-02	4041	122	123.1	1.1		0.02	-	0.007	0.005	<0.005	<0.005	7W-2531-RA1

Hole	Sample	From	To	Width	Comments	Au (g/t)	AU ch (g/t)	Cu %	Ni %	Pt (g/t)	Pd (g/t)	Certificate
N-07-02	4042	123.1	124.2	1.1		Nil	-	0.008	0.005	<0.005	<0.005	7W-2531-RA1
N-07-02	4043	135.4	136	0.6		0.01	Nil	0.02	0.012	<0.005	<0.005	7W-2531-RA1
N-07-02	4044	140	141	1		Nil	-	0.01	0.007	<0.005	0.01	7W-2531-RA1
N-07-02	4045	143	144	1		Nil	-	0.009	0.004	<0.005	<0.005	7W-2531-RA1
N-07-02	4046	146	147	1		Nil	-	0.033	0.011	<0.005	<0.005	7W-2531-RA1
N-07-02	4047	149.2	149.9	0.7		Nil	-	0.015	0.005	<0.005	<0.005	7W-2531-RA1
N-07-02	4048	152.2	152.7	0.5		Nil	-	0.007	0.007	<0.005	<0.005	7W-2531-RA1
N-07-02	4049	154.4	155.4	1		Nil	-	0.008	0.006	<0.005	<0.005	7W-2531-RA1
N-07-02	4050	0	0	0	Standard 73a: 1.39% Ni	0.02	-	-	-	0.18	0.09	7W-2531-RA1
N-07-02	4051	0	0	0	Standard 93: 0.582% Cu	Nil	-	-	-	<0.005	<0.005	7W-2531-RA1
N-07-02	4052	11	12	1	Field Blank	Nil	-	0.007	0.005	<0.005	<0.005	7W-2531-RA1
N-07-02	4053	159	159.8	0.8		Nil	Nil	0.008	0.005	<0.005	<0.005	7W-2531-RA1
N-07-02	4054	166.1	166.7	0.6		Nil	-	0.011	0.004	<0.005	<0.005	7W-2531-RA1
N-07-02	4055	170	171	1		Nil	-	0.008	0.005	<0.005	<0.005	7W-2532-RA1
N-07-02	4056	173	174	1		Nil	-	0.006	0.005	<0.005	<0.005	7W-2532-RA1
N-07-02	4057	176	177	1		Nil	-	0.01	0.004	<0.005	<0.005	7W-2532-RA1
N-07-02	4058	177	178	1	Duplicated as 4061	Nil	0.01	0.012	0.005	0.04	0.02	7W-2532-RA1
N-07-02	4059	178	179	1		Nil	-	0.011	0.004	<0.005	<0.005	7W-2532-RA1
N-07-02	4060	181	182	1		Nil	-	0.008	0.004	<0.005	<0.005	7W-2532-RA1
N-07-02	4061	177	178	1	Duplicate of 4058	Nil	-	0.012	0.004	<0.005	<0.005	7W-2532-RA1
N-07-01	4062	28.2	29.2	1		Nil	-	0.005	0.005	<0.005	<0.005	7W-2532-RA1
N-07-01	4063	29.2	30.2	1		Nil	-	0.008	0.028	<0.005	<0.005	7W-2532-RA1
N-07-01	4064	31.8	32.8	1		Nil	-	0.013	0.007	<0.005	<0.005	7W-2532-RA1
N-07-01	4065	32.8	33.8	1		Nil	-	0.006	0.011	<0.005	<0.005	7W-2532-RA1
N-07-03	4066	209	210	1		Nil	-	0.045	0.013	<0.005	<0.005	7W-2532-RA1
N-07-03	4067	210.7	211.4	0.7		Nil	-	0.052	0.032	<0.005	<0.005	7W-2532-RA1
N-07-03	4068	214	215	1		Nil	-	0.007	0.024	<0.005	<0.005	7W-2532-RA1
N-07-03	4069	220.2	221.2	1		Nil	-	0.01	0.006	<0.005	<0.005	7W-2532-RA1
N-07-03	4070	224	225	1		Nil	-	0.008	0.005	<0.005	<0.005	7W-2532-RA1
N-07-03	4071	227	228	1		Nil	-	0.006	0.01	<0.005	<0.005	7W-2532-RA1
N-07-03	4072	232.9	233.4	0.5		Nil	-	0.036	0.019	<0.005	<0.005	7W-2532-RA1
N-07-03	4073	0	0	0	Standard 73a: 1.39% Ni	0.05	-	-	-	0.18	0.14	7W-2532-RA1
N-07-03	4074	0	0	0	Standard 94: 1.14% Cu	0.03	-	-	-	0.03	0.01	7W-2532-RA1
N-07-03	4075	265	266	1	Field Blank	Nil	-	0.01	0.005	<0.005	<0.005	7W-2532-RA1
N-07-03	4076	236	237	1		Nil	-	0.008	0.006	<0.005	<0.005	7W-2532-RA1
N-07-03	4077	241	242	1		Nil	-	0.008	0.005	<0.005	<0.005	7W-2532-RA1
N-07-03	4078	244	245	1		Nil	-	0.009	0.005	<0.005	<0.005	7W-2532-RA1
N-07-03	4079	250	251	1		Nil	-	0.013	0.005	<0.005	<0.005	7W-2532-RA1
N-07-03	4080	253.4	253.9	0.5		Nil	-	0.018	0.008	<0.005	<0.005	7W-2532-RA1
N-07-03	4081	253.9	254.4	0.5		Nil	-	0.005	0.018	<0.005	<0.005	7W-2532-RA1
N-07-03	4082	254.4	254.9	0.5		Nil	-	0.032	0.033	<0.005	<0.005	7W-2532-RA1

Hole	Sample	From	To	Width	Comments	Au (g/t)	AU ch (g/t)	Cu %	Ni %	Pt (g/t)	Pd (g/t)	Certificate
N-07-03	4083	254.9	255.4	0.5		0.02	0.04	0.065	0.023	0.04	0.07	7W-2532-RA1
N-07-03	4084	258.9	259.7	0.8		Nil	-	0.02	0.022	<0.005	<0.005	7W-2532-RA1
N-07-03	4085	263	264	1	Duplicated as 4086	Nil	-	0.052	0.018	<0.005	<0.005	7W-2532-RA1
N-07-03	4086	263	264	1	Duplicate of 4085	0.01	-	0.039	0.023	<0.005	<0.005	7W-2532-RA1
N-07-04	4087	88	88.5	0.5		0.01	-	0.028	0.01	<0.005	<0.005	7W-2658-RA1
N-07-04	4088	104.7	105.5	0.8		0.01	-	0.037	0.02	<0.005	<0.005	7W-2658-RA1
N-07-04	4089	139.7	140.2	0.5		0.02	-	0.024	0.012	<0.005	<0.005	7W-2658-RA1
N-07-04	4090	142.8	143.8	1		0.02	-	0.021	0.009	<0.005	0.01	7W-2658-RA1
N-07-04	4091	187.8	188.9	1.1		Nil	-	0.009	0.006	<0.005	<0.005	7W-2658-RA1
N-07-04	4092	188.9	190	1.1		Nil	-	0.017	0.008	<0.005	<0.005	7W-2658-RA1
N-07-04	4093	190	191.1	1.1		Nil	-	0.013	0.007	<0.005	<0.005	7W-2658-RA1
N-07-04	4094	191.1	192.2	1.1		Nil	-	0.014	0.012	<0.005	<0.005	7W-2658-RA1
N-07-04	4095	192.2	193.3	1.1		Nil	Nil	0.006	0.01	<0.005	0.01	7W-2658-RA1
N-07-04	4096	193.3	194.3	1		Nil	-	0.012	0.004			7W-2658-RA1
N-07-04	4097	194.3	195.3	1		Nil	-	0.012	0.004	<0.005	0.01	7W-2658-RA1
N-07-04	4098	195.3	196.3	1		0.02	-	0.016	0.003	<0.005	<0.005	7W-2658-RA1
N-07-04	4099	196.3	197.3	1		0.01	0.02	0.011	0.003	<0.005	<0.005	7W-2658-RA1
N-07-04	4100	197.3	198.3	1		Nil	-	0.014	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4101	200.3	201.3	1		Nil	-	0.013	0.005	<0.005	<0.005	7W-2658-RA1
N-07-04	4102	206	207	1		Nil	-	0.013	0.005	<0.005	<0.005	7W-2658-RA1
N-07-04	4103	207	208	1		Nil	-	0.048	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4104	212	213	1		Nil	-	0.011	0.003	0.01	<0.005	7W-2658-RA1
N-07-04	4105	215	216	1		Nil	-	0.017	0.004	0.01	<0.005	7W-2658-RA1
N-07-04	4106	223	224	1		Nil	-	0.033	0.005	<0.005	<0.005	7W-2658-RA1
N-07-04	4107	230	231	1		0.01	-	0.009	0.005	<0.005	0.01	7W-2658-RA1
N-07-04	4108	235	236	1		Nil	0.02	0.008	0.005	<0.005	0.01	7W-2658-RA1
N-07-04	4109	239	240	1		Nil	-	0.012	0.005	<0.005	<0.005	7W-2658-RA1
N-07-04	4110	242	243	1		Nil	-	0.014	0.005	<0.005	<0.005	7W-2658-RA1
N-07-04	4111	247	248	1		Nil	-	0.009	0.007	<0.005	<0.005	7W-2658-RA1
N-07-04	4112	251	252	1		Nil	-	0.009	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4113	256	257	1		Nil	-	0.007	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4114	259	260	1		Nil	-	0.008	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4115	261.9	262.8	0.9		Nil	-	0.004	0.016	<0.005	<0.005	7W-2658-RA1
N-07-04	4116	262.8	263.7	0.9		Nil	-	0.001	0.01	<0.005	<0.005	7W-2658-RA1
N-07-04	4117	263.7	264.6	0.9		Nil	-	0.014	0.037	<0.005	<0.005	7W-2658-RA1
N-07-04	4118	0	0	0	Field Blank	0.01	-	0.005	0.007	<0.005	<0.005	7W-2658-RA1
N-07-04	4119	0	0	0	Standard 94: 1.14% Cu	0.02	-	1.09	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4120	0	0	0	Standard 72a: 0.684% Ni	Nil	-	0.031	0.67	0.01	0.04	7W-2658-RA1
N-07-04	4121	265.7	266.3	0.6		Nil	-	0.066	0.006	<0.005	<0.005	7W-2658-RA1
N-07-04	4122	268.3	269.3	1		Nil	-	0.002	0.01	<0.005	<0.005	7W-2658-RA1
N-07-04	4123	272	273	1		0.01	-	0.006	0.003	<0.005	<0.005	7W-2658-RA1

Hole	Sample	From	To	Width	Comments	Au (g/t)	AU ch (g/t)	Cu %	Ni %	Pt (g/t)	Pd (g/t)	Certificate
N-07-04	4124	277	278	1		0.01	0.01	0.006	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4125	281	282	1		0.01	-	0.006	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4126	286	287	1		Nil	-	0.006	0.003	<0.005	<0.005	7W-2658-RA1
N-07-04	4127	290	291	1		Nil	-	0.005	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4128	293	294	1	Duplicated as 4131	Nil	-	0.004	0.002	<0.005	<0.005	7W-2658-RA1
N-07-04	4129	299	300	1		Nil	-	0.005	0.004	<0.005	<0.005	7W-2658-RA1
N-07-04	4130	304	305	1		Nil	-	0.004	0.003	<0.005	<0.005	7W-2658-RA1
N-07-04	4131	293	294	1	Duplicate of 4128	Nil	-	0.005	0.003	<0.005	<0.005	7W-2658-RA1
N-07-05	4132	60.3	60.9	0.6		Nil	-	0.012	0.006	<0.005	<0.005	7W-2658-RA1
N-07-05	4133	63.2	63.7	0.5		0.01	-	0.003	0.004	<0.005	<0.005	7W-2658-RA1
N-07-05	4134	64.2	64.7	0.5		0.02	0.01	0.022	0.026	<0.005	0.01	7W-2658-RA1
N-07-05	4135	64.7	65.4	0.7		Nil	-	0.016	0.008	<0.005	0.01	7W-2658-RA1
N-07-05	4136	71.3	71.8	0.5		Nil	-	0.014	0.006	<0.005	<0.005	7W-2658-RA1
N-07-05	4137	74.5	75.5	1		Nil	-	0.007	0.007	<0.005	<0.005	7W-2659-RA1
N-07-05	4138	75.5	76.5	1		0.01	-	0.006	0.007	<0.005	<0.005	7W-2659-RA1
N-07-05	4139	76.5	77.5	1		Nil	-	0.007	0.007	<0.005	<0.005	7W-2659-RA1
N-07-05	4140	77.5	78.5	1		Nil	-	0.01	0.008	<0.005	<0.005	7W-2659-RA1
N-07-05	4141	78.5	79.5	1		Nil	-	0.007	0.008	<0.005	<0.005	7W-2659-RA1
N-07-05	4142	79.5	80.5	1		0.01	-	0.007	0.004	<0.005	<0.005	7W-2659-RA1
N-07-05	4143	80.5	81.5	1		Nil	-	0.006	0.003	<0.005	<0.005	7W-2659-RA1
N-07-05	4144	81.5	82.5	1		0.03	0.03	0.024	0.007	<0.005	0.01	7W-2659-RA1
N-07-05	4145	82.5	83.5	1		0.02	-	0.014	0.003	<0.005	0.01	7W-2659-RA1
N-07-05	4146	83.5	84.5	1		Nil	-	0.012	0.004	<0.005	<0.005	7W-2659-RA1
N-07-05	4147	84.5	85.5	1		Nil	-	0.013	0.005	<0.005	<0.005	7W-2659-RA1
N-07-05	4148	85.5	86.5	1		0.02	-	0.007	0.008	<0.005	<0.005	7W-2659-RA1
N-07-05	4149	88	89.5	1.5		0.01	-	0.025	0.008	<0.005	<0.005	7W-2659-RA1
N-07-05	4150	153.3	154.5	1.2		Nil	-	0.003	0.008	<0.005	<0.005	7W-2659-RA1
N-07-05	4151	161	162	1		Nil	-	0.013	0.009	<0.005	<0.005	7W-2659-RA1
N-07-05	4152	162	163	1		Nil	-	0.009	0.007	<0.005	<0.005	7W-2659-RA1
N-07-05	4153	169.9	170.9	1		Nil	-	0.005	0.008	<0.005	<0.005	7W-2659-RA1
N-07-05	4154	170.9	171.9	1		0.02	-	0.006	0.008	<0.005	0.01	7W-2659-RA1
N-07-05	4155	179.1	180.1	1	Duplicated as 4163	0.01	-	0.021	0.007	<0.005	<0.005	7W-2659-RA1
N-07-05	4156	180.1	181.1	1		0.01	-	0.011	0.009	<0.005	<0.005	7W-2659-RA1
N-07-05	4157	0	0	0	Standard 92: 0.229% Cu	0.02	-	0.226	0.005	<0.005	<0.005	7W-2659-RA1
N-07-05	4158	0	0	0	Standard 72a: 0.684% Ni	0.01	-	0.031	0.67	<0.005	0.03	7W-2659-RA1
N-07-05	4159	199.5	200	0.5	Field Blank	0.01	0.01	0.001	0.007	<0.005	<0.005	7W-2659-RA1
N-07-05	4160	181.1	182.1	1		Nil	-	0.027	0.007	<0.005	<0.005	7W-2659-RA1
N-07-05	4161	182.1	183.1	1		Nil	-	0.018	0.009	<0.005	<0.005	7W-2659-RA1
N-07-05	4162	183.1	184.1	1		Nil	-	0.031	0.009	<0.005	<0.005	7W-2659-RA1
N-07-05	4163	179.1	180.1	1	Duplicate of 4155	Nil	-	0.032	0.008	<0.005	<0.005	7W-2659-RA1



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Page 1 of 2

Assay Certificate

7W-2531-RA1

Company: DUESS GEOLOGICAL SERVICES

Date: AUG-10-07

Project: N-07

Attn: R. Duess

We hereby certify the following Assay of 54 Core samples
submitted JUL-23-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	Pd g/tonne
4001	0.01	-	0.001	0.011	<0.005	<0.005
4002	0.06	-	0.016	0.034	<0.005	<0.005
4003	0.09	0.08	0.137	0.183	0.01	0.06
4004	0.03	-	0.212	0.105	0.02	0.05
4005	0.04	-	0.393	0.88	0.02	0.05
4006	Nil	-	0.013	0.046	<0.005	<0.005
4007	Nil	-	0.026	0.050	<0.005	0.04
4008	Nil	-	0.022	0.035	<0.005	0.01
4009	0.01	-	0.052	0.094	<0.005	0.05
4010	0.02	-	0.033	0.166	<0.005	0.07
4011	Nil	-	0.011	0.009	<0.005	0.02
4012	0.03	-	0.101	0.091	<0.005	<0.005
4013	Nil	-	0.002	0.014	<0.005	<0.005
4014	0.01	-	0.005	0.013	<0.005	<0.005
4015	Nil	-	0.010	0.011	<0.005	<0.005
4016	0.03	-	0.010	0.010	<0.005	<0.005
4017	0.01	-	0.012	0.007	<0.005	<0.005
4018	Nil	-	0.009	0.007	<0.005	<0.005
4019	Nil	-	0.006	0.007	<0.005	<0.005
4020	Nil	Nil	0.007	0.004	<0.005	<0.005
4021	0.02	-	-	-	0.09	0.04
4022	0.02	-	-	-	<0.005	<0.005
4023	Nil	-	0.005	0.007	<0.005	<0.005
4024	Nil	-	0.005	0.008	<0.005	0.01
4025	Nil	-	0.007	0.008	<0.005	<0.005
4026	Nil	-	0.005	0.008	<0.005	<0.005
4027	Nil	-	0.008	0.008	<0.005	<0.005
4028	Nil	-	0.008	0.008	<0.005	<0.005
4029	Nil	Nil	0.005	0.008	<0.005	<0.005
4030	Nil	-	0.007	0.008	<0.005	<0.005

Note: Insufficient sample on sample numbers 4021,4022,4050,4051.

Certified by J. Lee



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Page 2 of 2

Assay Certificate

7W-2531-RA1

Company: DUESS GEOLOGICAL SERVICES

Date: AUG-10-07

Project: N-07

Attn: R. Duess

We hereby certify the following Assay of 54 Core samples submitted JUL-23-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	Pd g/tonne
4031	Nil	-	0.010	0.014	<0.005	<0.005
4032	Nil	-	0.004	0.007	<0.005	<0.005
4033	0.01	-	0.006	0.007	<0.005	<0.005
4034	Nil	Nil	0.005	0.007	<0.005	<0.005
4035	Nil	-	0.006	0.007	<0.005	<0.005
4036	0.02	-	0.004	0.008	<0.005	<0.005
4037	0.01	-	0.006	0.008	<0.005	<0.005
4038	0.03	-	0.060	0.047	<0.005	0.01
4039	0.02	-	0.016	0.033	<0.005	<0.005
4040	0.01	-	0.013	0.007	<0.005	<0.005
4041	0.02	-	0.007	0.005	<0.005	<0.005
4042	Nil	-	0.008	0.005	<0.005	<0.005
4043	0.01	Nil	0.020	0.012	<0.005	<0.005
4044	Nil	-	0.010	0.007	<0.005	0.01
4045	Nil	-	0.009	0.004	<0.005	<0.005
4046	Nil	-	0.033	0.011	<0.005	<0.005
4047	Nil	-	0.015	0.005	<0.005	<0.005
4048	Nil	-	0.007	0.007	<0.005	<0.005
4049	Nil	-	0.008	0.006	<0.005	<0.005
4050	0.02	-	-	-	0.18	0.09
4051	Nil	-	-	-	<0.005	<0.005
4052	Nil	-	0.007	0.005	<0.005	<0.005
4053	Nil	Nil	0.008	0.005	<0.005	<0.005
4054	Nil	-	0.011	0.004	<0.005	<0.005
Blank	Nil	-	-	-	-	-
STD OxK48	3.57	-	-	-	-	-

Note: Insufficient sample on sample numbers 4021,4022,4050,4051.

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Page 1 of 2

7W-2532-RA1

Assay Certificate

Company: DUESS GEOLOGICAL SERVICES

Date: AUG-15-07

Project: N-07

Attn: R. Duesss

We hereby certify the following Assay of 36 Core samples
submitted JUL-23-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	Pd g/tonne
4055	Nil	-	0.008	0.005	<0.005	<0.005
4056	Nil	-	0.006	0.005	<0.005	<0.005
4057	Nil	-	0.010	0.004	<0.005	<0.005
4058	Nil	0.01	0.012	0.005	0.04	0.02
4059	Nil	-	0.011	0.004	<0.005	<0.005
4060	Nil	-	0.008	0.004	<0.005	<0.005
4061	Nil	-	0.012	0.004	<0.005	<0.005
4062	Nil	-	0.005	0.005	<0.005	<0.005
4063	Nil	-	0.008	0.028	<0.005	<0.005
4064	Nil	-	0.013	0.007	<0.005	<0.005
4065	Nil	-	0.006	0.011	<0.005	<0.005
4066	Nil	-	0.045	0.013	<0.005	<0.005
4067	Nil	-	0.052	0.032	<0.005	<0.005
4068	Nil	-	0.007	0.024	<0.005	<0.005
4069	Nil	-	0.010	0.006	<0.005	<0.005
4070	Nil	-	0.008	0.005	<0.005	<0.005
4071	Nil	-	0.006	0.010	<0.005	<0.005
4072	Nil	-	0.036	0.019	<0.005	<0.005
4073	0.05	-	-	-	0.18	0.14
4074	0.03	-	-	-	0.03	0.01
4075	Nil	-	0.010	0.005	<0.005	<0.005
4076	Nil	-	0.008	0.006	<0.005	<0.005
4077	Nil	-	0.008	0.005	<0.005	<0.005
4078	Nil	-	0.009	0.005	<0.005	<0.005
4079	Nil	-	0.013	0.005	<0.005	<0.005
4080	Nil	-	0.018	0.008	<0.005	<0.005
4081	Nil	-	0.005	0.018	<0.005	<0.005
4082	Nil	-	0.032	0.033	<0.005	<0.005
4083	0.02	0.04	0.065	0.023	0.04	0.07
4084	Nil	-	0.020	0.022	<0.005	<0.005

Note: Insufficient sample on numbers 4073,4074, for Cu,Ni

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Page 2 of 2

Assay Certificate

7W-2532-RA1

Company: DUESS GEOLOGICAL SERVICES

Date: AUG-15-07

Project: N-07

Attn: R. Duesss

We hereby certify the following Assay of 36 Core samples
submitted JUL-23-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	Pd g/tonne
4085	Nil	-	0.052	0.018	<0.005	<0.005
4086	0.01	-	0.039	0.023	<0.005	<0.005
85251	0.37	0.49	0.456	0.193	0.72	1.21
85252	0.10	-	0.491	0.321	0.19	0.06
85253	0.12	-	0.215	0.58	0.03	0.07
85254	0.09	0.08	0.70	0.56	0.15	0.78
Blank	Nil	-	-	-	-	-
STD OxJ47	3.55	-	-	-	-	-

Note: Insufficient sample on numbers 4073,4074, for Cu,Ni

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Page 1 of 2

Assay Certificate

7W-2658-RA1

Company: DUESS GEOLOGICAL SERVICES

Date: AUG-17-07

Project: N-07

Attn: R. Duess

We hereby certify the following Assay of 50 Core samples
submitted AUG-03-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	Pd g/tonne
4087	0.01	-	0.028	0.010	<0.005	<0.005
4088	0.01	-	0.037	0.020	<0.005	<0.005
4089	0.02	-	0.024	0.012	<0.005	<0.005
4090	0.02	-	0.021	0.009	<0.005	0.01
4091	Nil	-	0.009	0.006	<0.005	<0.005
4092	Nil	-	0.017	0.008	<0.005	<0.005
4093	Nil	-	0.013	0.007	<0.005	<0.005
4094	Nil	-	0.014	0.012	<0.005	<0.005
4095	Nil	Nil	0.006	0.010	<0.005	0.01
4096	Nil	-	0.012	0.004	0.01	0.03
4097	Nil	-	0.012	0.004	<0.005	0.01
4098	0.02	-	0.016	0.003	<0.005	<0.005
4099	0.01	0.02	0.011	0.003	<0.005	<0.005
4100	Nil	-	0.014	0.004	<0.005	<0.005
4101	Nil	-	0.013	0.005	<0.005	<0.005
4102	Nil	-	0.013	0.005	<0.005	<0.005
4103	Nil	-	0.048	0.004	<0.005	<0.005
4104	Nil	-	0.011	0.003	0.01	<0.005
4105	Nil	-	0.017	0.004	0.01	<0.005
4106	Nil	-	0.033	0.005	<0.005	<0.005
4107	0.01	-	0.009	0.005	<0.005	0.01
4108	Nil	0.02	0.008	0.005	<0.005	0.01
4109	Nil	-	0.012	0.005	<0.005	<0.005
4110	Nil	-	0.014	0.005	<0.005	<0.005
4111	Nil	-	0.009	0.007	<0.005	<0.005
4112	Nil	-	0.009	0.004	<0.005	<0.005
4113	Nil	-	0.007	0.004	<0.005	<0.005
4114	Nil	-	0.008	0.004	<0.005	<0.005
4115	Nil	-	0.004	0.016	<0.005	<0.005
4116	Nil	-	0.001	0.010	<0.005	<0.005

Certified by Denis Choty



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Assaying - Consulting - Representation

Page 2 of 2

7W-2658-RA1

Assay Certificate

Company: DUESS GEOLOGICAL SERVICES

Date: AUG-17-07

Project: N-07

Attn: R. Duess

We hereby certify the following Assay of 50 Core samples
submitted AUG-03-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	Pd g/tonne
4117	Nil	-	0.014	0.037	<0.005	<0.005
4118	0.01	-	0.005	0.007	<0.005	<0.005
4119	0.02	-	1.09	0.004	<0.005	<0.005
4120	Nil	-	0.031	0.67	0.01	0.04
4121	Nil	-	0.066	0.006	<0.005	<0.005
4122	Nil	-	0.002	0.010	<0.005	<0.005
4123	0.01	-	0.006	0.003	<0.005	<0.005
4124	0.01	0.01	0.006	0.004	<0.005	<0.005
4125	0.01	-	0.006	0.004	<0.005	<0.005
4126	Nil	-	0.006	0.003	<0.005	<0.005
4127	Nil	-	0.005	0.004	<0.005	<0.005
4128	Nil	-	0.004	0.002	<0.005	<0.005
4129	Nil	-	0.005	0.004	<0.005	<0.005
4130	Nil	-	0.004	0.003	<0.005	<0.005
4131	Nil	-	0.005	0.003	<0.005	<0.005
4132	Nil	-	0.012	0.006	<0.005	<0.005
4133	0.01	-	0.003	0.004	<0.005	<0.005
4134	0.02	0.01	0.022	0.026	<0.005	0.01
4135	Nil	-	0.016	0.008	<0.005	0.01
4136	Nil	-	0.014	0.006	<0.005	<0.005
Blank	Nil	-	-	-	-	-
STD OxK48	3.57	-	-	-	-	-

Certified by Denis Chantz



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

7W-2659-RA1

Company: DUESS GEOLOGICAL SERVICES
Project: N-07
Attn: R. Duess

Date: AUG-17-07

We hereby certify the following Assay of 27 Core samples submitted AUG-03-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	Pd g/tonne
4137	Nil	-	0.007	0.007	<0.005	<0.005
4138	0.01	-	0.006	0.007	<0.005	<0.005
4139	Nil	-	0.007	0.007	<0.005	<0.005
4140	Nil	-	0.010	0.008	<0.005	<0.005
4141	Nil	-	0.007	0.008	<0.005	<0.005
4142	0.01	-	0.007	0.004	<0.005	<0.005
4143	Nil	-	0.006	0.003	<0.005	<0.005
4144	0.03	0.03	0.024	0.007	<0.005	0.01
4145	0.02	-	0.014	0.003	<0.005	0.01
4146	Nil	-	0.012	0.004	<0.005	<0.005
4147	Nil	-	0.013	0.005	<0.005	<0.005
4148	0.02	-	0.007	0.008	<0.005	<0.005
4149	0.01	-	0.025	0.008	<0.005	<0.005
4150	Nil	-	0.003	0.008	<0.005	<0.005
4151	Nil	-	0.013	0.009	<0.005	<0.005
4152	Nil	-	0.009	0.007	<0.005	<0.005
4153	Nil	-	0.005	0.008	<0.005	<0.005
4154	0.02	-	0.006	0.008	<0.005	0.01
4155	0.01	-	0.021	0.007	<0.005	<0.005
4156	0.01	-	0.011	0.009	<0.005	<0.005
4157	0.02	-	0.226	0.005	<0.005	<0.005
4158	0.01	-	0.031	0.67	<0.005	0.03
4159	0.01	0.01	0.001	0.007	<0.005	<0.005
4160	Nil	-	0.027	0.007	<0.005	<0.005
4161	Nil	-	0.018	0.009	<0.005	<0.005
4162	Nil	-	0.031	0.009	<0.005	<0.005
4163	Nil	-	0.032	0.008	<0.005	<0.005
Blank	Nil	-	-	-	-	-
STD OxK48	3.63	-	-	-	-	-

Certified by

Appendix C

Petrographic Report



Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V1M 3S3
PHONE: 604-888-1323 • FAX: 604-888-3642
email: vanpetro@vanpetro.com
Website: www.vanpetro.com

Report for: Duess Geological Services Ltd.,
62 Kenwoods Circle,
KINGSTON, Ontario,
K7K 6Y1

Report 070443

June 7, 2007

Samples:

3 samples of mineralized rock, numbered 66704, 66708 and 66711, from a larger suite submitted for slabbing and display polish, were assigned for petrographic examination, with special reference to the identity and textural features of the contained sulfide minerals. Polished thin sections were prepared for this purpose.

Summary:

The sulfide assemblage in these three samples consists essentially of an intergrowth of pyrrhotite and lesser chalcopyrite. The relative proportions of these constituents varies greatly from sample to sample; the chalcopyrite/pyrrhotite ratio is highest in 66708, lower in 66704 and lowest in 66711.

The pyrrhotite shows incipient modification to secondary pyrite and marcasite as fine-grained networks, and is partially oxidized to limonite.

Only rare traces of recognizable pentlandite could be found in the pyrrhotite (mainly in 66711), but minor accessory proportions of a pyrite-like constituent of uncertain identity are more common. This could be a Ni-bearing phase (in which case elevated Ni contents would be expected in assays of these samples).

The sulfides are hosted by a silicate assemblage of plagioclase, quartz, muscovite, chlorite and, in Sample 66711 only, tremolite and epidote. This mineralogy suggests a quartz dioritic or possible skarnic association, rather than the gabbroic rock which is most commonly the host to pyrrhotite/chalcopyrite mineralization.

Individual petrographic descriptions, plus a few illustrative photomicrographs, are attached.

A handwritten signature in black ink, appearing to read 'J.F. Harris'. Below the signature, the text 'J.F. Harris Ph.D.' is printed in a smaller font.

PHOTOMICROGRAPHS

Photos are by reflected light at a scale of 1 cm = 150 microns

SAMPLE 66704

Photo: IMG-0265: Example of pyrrhotite (dominant buff-coloured phase) with a marginal segregation of Mineral X (slightly yellower, higher relief area with cleavage network; centre). Black area at upper left is silicates.

Photo: IMG-0266: Typical intergrowth of the three principal constituents: pyrrhotite (cream colour; upper left), chalcopyrite (yellow), and silicates (black). A network of grain-boundary alteration to secondary pyrite/marcasite (whiter) can be seen in the largest area of pyrrhotite.

SAMPLE 66708

Photo: IMG-0267: Another example of the development of segregations of Mineral X (brownish, dusty, with cleavages) at the contact of pyrrhotite (buff-coloured; upper half of field). In this case the contact is with chalcopyrite (yellow). The grey anastomosing veinlet cross-cutting the sulfides (right centre) is limonite.

SAMPLE 66711

Photo: IMG-0269: Examples of exsolved pentlandite in pyrrhotite (circled areas). The pentlandite is creamy yellow in comparison with the pinkish-brown tone of the pyrrhotite host. The pentlandite in the smaller circle is developed at the contact with a small grain of chalcopyrite (yellow).

Photo: IMG-0271: Another example of pentlandite in pyrrhotite (circled areas), plus smaller "flames" in intervening area.

SAMPLE 66708

Estimated mode

Plagioclase)	9
Quartz	12
Muscovite	14
Biotite	trace
Chlorite	4
Tourmaline	trace
Pyrrhotite	36
Chalcopyrite	22
Sphalerite	trace
Secondary pyrite)	1
Marcasite)	
Mineral X	1
Ilmenite	trace
Rutile	trace
Limonite	0.5

This sample is essentially identical to 66704 in its sulfide mineralogy except that the proportion of chalcopyrite is substantially higher.

The two principal constituents, pyrrhotite and chalcopyrite, occur in irregular mutual intergrowth, mainly on a scale of 0.2 - 2.0 mm. Segregations of chalcopyrite locally reach 5.0 mm or more in size.

The development of secondary pyrite/marcasite networks in the pyrrhotite appears somewhat less common than in 66704, but the optically uncertain "Mineral X" phase occurs in comparable abundance to that in the previous sample.

Rare traces of sphalerite were observed as tiny exsolution bodies in the chalcopyrite.

The silicate host rock is also of similar type to that of the previous sample, being an intergrowth of plagioclase, quartz and various micaceous minerals. However, the ratios of quartz to plagioclase, and of muscovite to chlorite, are observably higher in the present sample.

Sample 66704 cont.

The unidentified component could be a Ni-bearing phase of some sort. If so, this should be apparent from assay data. Alternatively, its composition could, if you wish, be checked by SEM/EDX microanalysis.

The silicate host is a rather fine-grained intergrowth (mainly in the 0.1 - 1.0 mm range) of dominant plagioclase with accessory quartz, chlorite, muscovite and biotite. Traces of tourmaline are also present.

SAMPLE 66704

Estimated mode

Plagioclase	40
Quartz	5
Chlorite	13
Biotite	2
Muscovite	4
Tourmaline	trace
Pyrrhotite	29
Secondary pyrite)	2
Marcasite)	
Mineral X	0.5
Pentlandite	trace
Chalcopyrite	4
Limonite	0.5
Graphite	trace

The sectioned portion of this sample contains interconnected, clumpy/veniform segregations of sulfides, dominantly on a scale of 1 - 5 mm. There are also traces of sulfides as fine-grained disseminations in the silicate host rock.

The principal sulfide species is pyrrhotite, as aggregates of anhedral grains, 0.1 - 1.0 mm in size. Grain boundaries are commonly delineated by thin networks of secondary pyrite and probable marcasite, representing local alteration of the pyrrhotite. Threads of limonite are sometimes a component of this alteration network, and limonite is also seen as a few thicker crosscutting veinlets.

The commonest accessory sulfide is chalcopyrite. This occurs as a few areas of mutual intergrowth with the pyrrhotite, in which the chalcopyrite appears to be of similar grain size to the dominant pyrrhotite. This texture suggests co-crystallization of the pyrrhotite and chalcopyrite. Finer-grained chalcopyrite occurs in the disseminated mineralization peripheral to the main sulfide segregations.

A mineral of uncertain identity occurs as sparsely scattered, small segregations, 0.1 - 1.0 mm in size, in the pyrrhotite. It is essentially indistinguishable in colour from the pyrrhotite, but is isotropic, and sometimes shows an apparent rhombohedral cleavage. These optical properties fit with those of pentlandite - except for the colour, which is normally brighter and more distinctly creamy in comparison with the brownish cast of pyrrhotite.

Rare traces of definite pentlandite of normal appearance were occasionally noted as minute, flame-like exsolution bodies in the pyrrhotite.

SAMPLE 66711

Estimated mode

Quartz	20
Plagioclase	13
Chlorite	9
Tremolite	18
Epidote	2
Pyrrhotite	30
Secondary pyrite	1
Mineral X	trace
Pentlandite	trace
Chalcopyrite	1
Rutile	trace
Limonite	trace

40% of the sectioned portion of this sample consists dominantly of sulfides, rather abundantly speckled with intergrown silicates. In the remaining 60% of the sectioned area silicates dominate, forming a host to small disseminated clumps of sulfides.

The sulfide assemblage in this case is largely pyrrhotite. Chalcopyrite makes up only a very minor accessory, as local fine-grained intergrowths in the pyrrhotite in an effective grain size range of 0.05 - 0.2 mm.

The abundance of Mineral X in the pyrrhotite is notably lower than in the other two samples. One example of clearly recognizable pentlandite were, however, noted in the form of small segregations, up to 0.5x0.1 mm in size, in pyrrhotite.

The host rock mineralogy in this sample differs from that of the previous two in that the plagioclase and quartz partly form relatively coarse-grained segregations; the principal accessory is tremolite, of characteristic bladed aggregate form; and epidote (not seen in the other two samples) is present as a minor accessory. This assemblage is suggestive of possible skarnic affinitites.