

85-402-13802

PERCUSSION DRILLING REPORT

ON THE

IDE 2 MINERAL CLAIM

RECORD NUMBER 24995

PART OF MINING LEASE NO. 14

HIGHLAND VALLEY

KAMLOOPS MINING DIVISION

NTS SHEETS 921/6, 921/7

LATITUDE $50^{\circ}25'$ N

LONGITUDE $121^{\circ}00'$ E

OWNED BY NATIONAL VICTORIA & GREY TRUST COMPANY
510 BARRARD, VANCOUVER, B.C. V2C 2J7

OPERATED BY HIGHMONT OPERATING CORPORATION
BOX 3000, LOGAN LAKE, B.C., V0K 1W0

Report Prepared By

L.H.C. TSANG

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,802

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PERCUSSION DRILLING REPORT
ON THE
IDE #2 MINERAL CLAIM
PART OF MINING LEASE NO. 14

INTRODUCTION

i) Location and Access

Mining lease No. 14 (see Dwg. 1) is located in the Highland Valley on the southwest flank of Gnawed Mountain, at an elevation of 1693 meters. The part of Highmont's No. 4 mineral deposit, currently being evaluated by this drilling program, lies within this lease.

Access to the Highmont Operation is via the Highmont Access Road, an 8 km all-weather gravel road which joins the paved highway connecting Logan Lake and Ashcroft. (see Dwg. 1)

ii) Claim Description

Mining lease No. 14 consists of 7 claims and fractions and was issued on September 10, 1980. It was issued for a period of 21 years. The claims of lease No. 14 were purchased from Minex Resources when Highmont announced its production decision in 1979.

iii) History of No. 4 Mineral Deposit

Highmont's No. 4 deposit is situated on Ide 2, Ide 4 and Ann 4 Fr. mineral claims between mining leases No 9 and No 14. In the nineteen sixties, considerable exploration work was done by Minex, Anaconda and Canadian

Superior over the area. They drilled several diamond and percussion drill holes on this ground, encountering only scattered chalcopyrite, bornite and molybdenite mineralization. During 1969 to 1970, Highmont Mining Corporation conducted major percussion and diamond drilling programs and subsequently outlined the No. 4 mineral deposit. In September 1984, Highmont drilled another five diamond drill holes (totalling 1027 meters of drilling) to test the extension of No. 4 deposit. The present drilling program was to follow known mineralization areas to north and east of the 1984 diamond drilling.

The entire work area is underlain by Skeena Phase quartz diorite of the Guichon Batholith. A westerly to north westerly trending quartz porphyry dyke of Bethsaida Phase, up to 150 m wide, cuts through the northern half of the AM 32 Fr., Ide 1, 3 and 5. Previous work has demonstrated that the emplacement of this dyke has had a strong influence on locating copper and molybdenum mineralization both to the north and to the south of the dyke itself.

The Water Hole Fault at the eastern side of the property strikes N 26°E and dips westward at about 60 degrees. (see DWG, 2) When intersected in drill holes, this fault has sections of clay and gouge up to 7.5 meters wide bounded by hematitic shattered zones. Apparent left-lateral horizontal displacement is evident where the fault crosses the Gnawed Mountain composite dyke. In mining Highmont No. 1 deposit, comparatively high grades of copper and molybdenum were encountered immediately east of the Water Hole Fault. One of the present drilling objectives is to search for similar mineralization along this structural lineation south of the porphyry dyke.

Several technical papers have been published on Highmont property. Two

of these reports, for reference are:

- 1) "The Highmont Copper-Molybdenum Deposits, Highland Valley, British Columbia" by Bergey, Carr and Reed, CIMM Bulletin, December, 1971.
- 2) "Highmont" Linearly Zoned Copper-Molybdenum Porphyry Deposits and their Significance in the Genesis of the Highland Valley Ores" CIMM Special Volume No. 15, pp 163-181, by Reed and Jambor 1976.

iv) Summary of Work Done

DRILLING

Three percussion holes were drilled at the east and north-east of 1984 diamond drilling. All were collared on Ide 2 mineral claim.

The locations of these drill holes and their projections are shown on Drawing 2 on the following page.

DETAILED TECHNICAL DATA & INTERPRETATIONS

i) Purpose

The purpose of drilling on IDE 2 mineral claim was to continuously explore the lateral extent of No. 4 deposit to the east and north-east of areas which were outlined during the 1984 diamond drilling program.

ii) Results

All drilling was done under contract to Tonto Drilling Company of Vancouver, B.C. A truck mounted percussion drill employing 5-cm bit size was used.

All other work associated with this program was done by Highmont

4a



GNAWED LAKE

Water Hole Fault

AM32
FR

IDE 2

P-351
P-352
P-350
Q

MINING LEASE #14

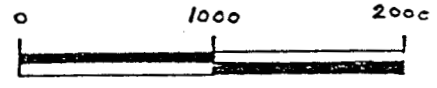
ANN 19 FR

IDE 10

IDE 11

IDE 9

AM12



1 : 12000

1" = 1000'

MINING LEASE #14
CLAIM LOCATION

Legend

- Claim Boundary
- Lease Boundary
- Drill Hole

Operating Corporation utilizing Highmont personnel.

Drill cuttings were logged by L. Tsang at the Highmont mine site. Sample preparation and assays for copper, molybdenum and silver were done using atomic absorption techniques at Highmont's assay laboratory. Silver assays were only done on those assay intervals considered to be ore, through logging cuttings.

Most of the drill rejects were saved at the Highmont mine site. Drill assays are tabulated in Appendix I and the drill cuttings logs are attached as Appendix III. Appendix II contains a legend describing the coding and abbreviations noted on the drill logs.

The co-ordinates of the percussion drill holes were tied into Highland Valley grid system (non-metric).

<u>HOLE #</u>	<u>NORTHING</u>	<u>EASTING</u>	<u>ELEVATION</u>	<u>DIP</u>	<u>LENGTH (M)</u>
P 84 - 350	73,970	111,350	5626	-90	350'
P 84 - 351	74,500	111,390	5630	-60	350'
P 84 - 352	74,430	111,070	5663	-60	370'

iii) Interpretation

The geology of the property has been well documented in the two previously mentioned reports. The ore occurs as fracture coatings and as shears in the host Skeena quartz diorite. Fracture density and rock alteration are both important for ore localization. The mineralization, consisting of chalcopyrite, bornite and molybdenite, is definitely related to the slightly younger Bethsaida quartz porphyry dyke, which lies just north of the present drilling area.

Rock alteration within the Skeena quartz diorite is classed as fresh to light, moderate, or intense, based primarily on feldspar alteration. Fresh or lightly altered rocks have feldspars with a slight greenish tint due to sericitization and mafics are unaltered. Moderately altered rocks have feldspars which are mostly either waxy green or buff with some chloritization of mafics. Intensely altered rocks have feldspars which are totally waxy green or buff and the mafics are all but destroyed. In extreme cases, feldspars are chalky due to complete kaolinization.

P 84 - 350

This hole was collared at S 60° E, 165 m from DDH 84 - 382 (for hole details, see "Assessment Drilling Report on the IDE 2, IDE 4 and ANN 4 FR mineral claims" by L. Tsang dated October 10, 1984.) The hole was designed to confirm the eastern extent of No. 4 deposit, east of DDH 84 - 382. The ground in this area was previously tested by Minex and Canadian Superior drill holes. Those holes encountered only scattered low-grade mineralization.

The metallic minerals found in drill cuttings (refer appendix III) are mainly bornite and molybdenite. The host rock is of Skeena quartz diorite composition. Sericite-rich phyllic alteration predominated the ore sections (by current Highmont standards). Propylitic alteration is dominant in the top and bottom one third of the hole while argillic alteration is dominant in the central third. The last 340 m of drill cuttings are hematitic.

The assay results were encouraging with intervals from 9.14 - 24.38 m, 39.62 - 48.77 m, 60.96 - 85.34 m, considered as ore (by current Highmont standards). These intervals combined averaged 0.22 % cu and .025 % mo over

48.77 m. The entire hole averaged .18% Cu and .015 Mo over 106.68 m.

P 84 - 351

The hole was collared about 162 m north of P 84 - 350. The hole was to search for mineralization in the Water Hole Fault area. The entire hole has high content of clay minerals and is hematitic. The drilling result is discouraging. No significant mineralization was found in the hole.

P 84 - 352

The hole was collared in the Gnawed Mountain Porphyry Dyke close to one of the breccia pipes and north of No. 4 deposit. This hole was to test the northern extent of mineralization possibly cutting dyke and carrying over to No. 1 deposit.

The assay result shows 30.48 m of copper grade averaging +.30% copper. Bornite is the dominant copper mineral found in the cuttings between 70 and 107 m. The hole intersected a barren shear zone. The cuttings of this drill section are fine grained with abnormally high clay content cuttings and are hematitic.

i.v) CONCLUSIONS

The present drilling failed to locate lateral extent of No. 4 deposit to the east and north-east of known mineralization areas which were outlined during 1984 drilling.


ITEMIZED COST STATEMENTS
PERCUSSION DRILLING ON IDE 2
MINERAL CLAIM

<u>ITEM</u>	<u>COST</u>
Percussion drilling 5-cm holes October 29 - November 8, 1984 - 3 holes 325.14 m at \$27.16 per m. including field cost	\$ 8,857.00
Assaying 107 samples, prepared and analysed for Cu and Mo at \$13.00 per sample	1,391.00
24 samples, prepared and analysed for Ag at \$13.00/sample	312.00
Logging- percussion drill samples L. Tsang, Geologist October 29 - November 15, 1984 1½ days at \$180.00 per day	270.00
Survey 8 hours at \$34.00 per hour	272.00
Drill site preparation, Roads D-8 Dozer used, both building of drill sites and keeping roads clear of snow. 20 hours at \$95.00 per hour	1,900.00
Drill Supervision 5 days at \$135.00 per day	675.00
Transportation 4 wheel drive vehicle, 5 days \$25.00 per day	125.00
Supervision Planning drill program etc. L. Tsang, 3 days at \$180.00 per day	540.00
Drafting 8 hours at \$17.00 per hour	136.00
Report Preparation L. Tsang, geologist. 3 days at \$180.00 Per day	540.00
Micellaneous Consumables Stakes, Flagging, Sample bags etc.	50.00
TOTAL	\$15,068.00

AUTHOR'S QUALIFICATION:

I, Louis Tsang, of Logan Lake, British Columbia, do hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Sc. degree (1972) in geology and geophysics.
2. I am a member of the Geological Association of Canada
3. I have practiced my profession since 1972 while employed by Bacon & Crowhurst Consulting Engineering Ltd., (one summer season), and by Zapata - Granby Corporation, Granisle Division (seven years).
4. Present, I am employed by Highmont Operating Corporation Ltd., P.O. Box 3000, Logan Lake, B.C.
5. I have directed the drilling program described herein.



Louis H.C. Tsang
Chief Geologist
Highmont Operating Corporation

APPENDIX 1

PERCUSSION DRILL HOLE ASSAYS

HIGHMONT OPERATING CORPORATION

MINING LEASE #14

HOLE P 84 - 350

NORTHING 73,970 AZM ---

EASTING 111,350 DIP 90°

ELEVATION 5625

DRILL HOLE ASSAYS:

FOOTAGE	METERS	% CU	% MO	AG (O.P.T.)	REMARKS
0-10	0- 3.05	---	---		Overburden
10-20	3.05-6.10	---	---		Overburden
20-30	6.10-9.14	---	---		Overburden
30-40	9.14-12.19	.67	.034	.075	
40-50	12.19-15.24	.21	.009	.038	
50-60	15.24-18.29	.26	.029	.047	
60-70	18.29-21.34	.20	.008	.038	
70-80	21.34-24.38	.24	.011	.032	
80-90	24.38-27.43	.14	.004		
90-100	27.43-30.48	.14	.005		
100-110	30.48-33.53	.08	.005		
110-120	33.53-36.58	.10	.005		
120-130	36.58-39.62	.10	.004		
130-140	39.62-42.67	.31	.006	.041	
140-150	42.67-45.72	.30	.028	.044	
150-160	45.72-48.77	.23	.031	.035	
160-170	48.77-51.82	.14	.006		
170-180	51.82-54.86	.14	.006		
180-190	54.86-57.91	.12	.009		
190-200	57.91-60.96	.09	.005		
200-210	60.96-64.01	.22	.039	.041	
210-220	64.01-67.06	.16	.046		
220-230	67.06-70.10	.15	.034		
230-240	70.10-73.15	.11	.016		

HOLE P 84 - 350 (Cont'd)

FOOTAGE	METERS	% CU	% MO	AG (O.P.T.)	REMARKS
240-250	73.15-76.20	.17	.015		
250-260	76.20-79.25	.14	.052		
260-270	79.25-82.30	.18	.021		
270-280	82.30-85.34	.21	.013	.035	
280-290	85.34-88.39	.14	.009		
290-300	88.39-91.44	.12	.008		
300-310	91.44-94.49	.20	.010	.029	
310-320	94.49-97.54	.22	.010	.032	
320-330	97.54-100.58	.18	.006		
330-340	100.58-103.63	.10	.006		
340-350	103.63-106.68	.12	.006		

HIGHMONT OPERATING CORPORATION

MINING LEASE # 14

HOLE P 84 - 351

NORTHING 74,500 AZM 120

EASTING 111,390 DIP 60

DRILL HOLE ASSAYS:

ELEVATION 5630

FOOTAGE	METERS	% CU	% MO	AG (oz/Ton)	REMARKS
0 -10	0 -3.05	---	---	----	Overburden
10-20	3.05-6.10	---	---	----	Overburden
20-30	6.10-9.14	.02	.001		
30-40	9.14- 12.19	.01	.003		
40-50	12.19-15.24	.01	.002		
50-60	15.24-18.29	.02	.002		
60-70	18.29-21.34	.03	.003	.009	
70-80	21.34-24.38	.03	.004		
80-90	24.38-27.43	.04	.004	.009	
90-100	27.43-30.48	.05	.003		
100-110	30.48-33.53	.02	.003		
110-120	33.53-36.58	.01	.003		
120-130	36.58-39.62	.01	.002		
130-140	39.62-42.67	.02	.002		
140-150	42.67-45.72	.02	.001		
150-160	45.72-48.77	.02	.002		
160-170	48.77-51.86	.02	.001		
170-180	51.82-54.86	.02	.001		
180-190	54.86-57.91	.02	.001		
190-200	57.91-60.96	.01	.001		
200-210	60.96-64.01	.01	.001		
210-220	64.01-67.06	.01	.001		
220-230	67.06-70.10	.01	.002		
230-240	70.10-73.15	.01	.003		

HOLE P 84 - 351 Cont'd)

FOOTAGE	METERS	% CU	% MO	AG (oz/Ton)	REMARKS
240-250	73.15-76.20	.01	.001		
250-260	76.20-79.25	.01	.001		
260-270	79.25-82.30	.01	.001		
270-280	82.30-85.34	.01	.001		
280-290	85.34-88.39	.01	.001		
290-300	88.39-91.44	.01	.001		
300-310	91.44-94.49	.01	.002		
310-320	94.49-97.54	.01	.002		
320-330	97.54-100.58	.01	.001		
330-340	100.58-103.63	.01	.001		
340-350	103.63-106.68	.01	.001		

HIGHMONT OPERATING CORPORATION

MINING LEASE # 14

HOLE P 84 - 352NORTHING 74,420 AZM 320EASTING 111,070 DIP 60ELEVATION 5663

DRILL HOLE ASSAYS:

FOOTAGE	METERS	% CU	% MO	AG (oz/Ton)	REMARKS
0 -10	0 -3.05	---	---	----	
10-20	3.05-6.10	---	---	----	
20-30	6.10-9.14	---	---	----	
30-40	9.14-12.19	---	---	---	
40-50	12.19-15.24	---	---	---	
50-60	15.24-18.29	---	---	---	
60-70	18.29-21.34	.11	.001	---	
70-80	21.34-24.38	.33	.002	.035	
80-90	24.38-27.43	.33	.003	.041	
90-100	27.43-30.48	.31	.002	.044	
100-110	30.48-33.53	.26	.002	.044	
110-120	33.53-36.58	.36	.002	.058	
120-130	36.58-39.62	.31	.012	.047	
130-140	39.62-42.67	.35	.020	.050	
140-150	42.67-45.72	.20	.008	.032	
150-160	45.72-48.77	.17	.004		
160-170	48.77-51.82	.17	.003		
170-180	51.82-54.86	.18	.002		
180-190	54.86-57.91	.15	.002		
190-200	57.91-60.96	.10	.001		
200-210	60.96-64.01	.07	.001		
210-220	64.01-67.06	.07	.001		
220-230	67.06-70.10	.10	.001		
230-240	70.10-73.15	.16	.002		

HOLE P 84-352 (Cont'd)

FOOTAGE	METERS	%CU	%MO	AG (oz/Ton)	REMARKS
240-250	73.15-76.20	.10	.002		
250-260	76.20-79.25	.08	.001		
260-270	79.25-82.30	.09	.001		
270-280	82.30-85.34	.06	.002		
280-290	85.34-88.39	.06	.002		
290-300	88.39-91.44	.06	.002		
300-310	91.44-94.49	.07	.002		
310-320	94.49-97.54	.08	.003		
320-330	97.54-100.58	.10	.006		
330-340	100.58-103.63	.17	.004		
340-350	103.63-106.68	.20	.003	.023	
350-360	106.68-109.73	.26	.002	.029	
360-370	109.73-112.78	.30	.002	.050	

APPENDIX 11

LEGEND & CODING USED IN
LOGGING BOREHOLE CUTTINGS

LEGEND & CODING USED IN LOGGING DRILL CUTTINGS

LEGEND

For Quarts (under the column ESSENTIAL MONERALS) content

√	<5%	of cuttings content
*	5 - 10%	of cuttings content
**	>10%	of cuttings content

For Other Minerals

√	Mineral present
*	Mineral significant
**	Mineral very significant

For Intensity of Alteration (A→)

L	Lightly altered
M	Medium alteration
I	Intensely altered

CODING

MINERALS

1.	Orthoclase	KF	
2.	Plagioclase	PC	
3.	Quartz	QU	
4.	Biotite	BI	
5.	Hornblende	HO	
6.	Muscovites	MU	Collective term
7.	Pyrite	PY	
8.	Clay	CY	Collective term
9.	Chlorite	CL	
10.	Epidote	EP	
11.	Carbonates	CB	Collective term
12.	Chalcopyrite	CP	
13.	Molybdenite	MO	
14.	Bornite	BN	
15.	Chalcocite	CC	
16.	Hematite and/or (Magnetite)	HE	Collective term
17.	Copper oxide. minerals	OX	Collective term
18.	Copper	CU	
19.	Molybdenum	MOS ₂	
20.	Silver	AG	
21.	Malachite	ML	

APPENDIX 111

DRILL CUTTINGS LOGS

#4 DEPOSIT

BOREHOLE CUTTING LOG

"P84-350"
Page 1 of 2

Hole Footage	Essential Minerals			Secondary minerals									Intensity of st	Rock Type	Mineralization										Assay			Remarks/Date
	Feldspar KF, PC	QU	Mafic BI, HO	QU	KF	BI	MU	PY	CY	CL	EP	CS			CP	HO	BN	CC	PY	HE	MA			Mo	Cu	Ag		
0-10																✓	X			✓	✓				40 ppm	1700 ppm		OVERBURDEN
10-20																✓	✓	X	✓		✓				87 ppm	1320 ppm		OVERBURDEN
20-30																	X								52 ppm	1460 ppm		OVERBURDEN
30-40	YELLOW BROWN	X	✓	X			X	X	✓	✓	✓		M			✓	X								034	.67	075	
40-50	YELLOW	✓	✓				X	X	✓				M				X								009	.21	038	
50-60	YELLOW- BROWN	X	✓				X	X	✓		✓		M			✓	X		X						029	.26	047	
60-70	YELLOW- BROWN	✓	✓				X	X	✓				I			✓	X	✓		✓					008	.10	038	
70-80	YELLOW- BROWN	✓	✓	✓			X	X	✓				I			✓	X								011	.24	032	
80-90	WHITE	X	✓				X	X	✓		✓		L				✓								004	.14		
90-100	WHITE	✓	✓	✓			X	✓	✓	✓	✓		L				✓								005	.14		
100-110	WHITE	✓	✓				X	X	✓	✓	✓		L				✓								005	.08		
110-120	WHITE	✓	✓				X	X	✓		✓		L				✓								005	.10		
120-130	WHITE	✓	✓				X	✓	✓				L			✓	X		✓						004	.10		
130-140	WHITE- BROWN	X	✓				X	X	✓				M			✓	X		✓						006	.31	041	
140-150	YELLOW- BROWN	✓	✓				✓	X	X	X			I			✓	X		✓						028	.30	044	
150-160	YELLOW- BROWN	✓	✓	✓			X	X	✓		X		I			✓	X	✓							031	.23	035	
160-170	YELLOW	✓	✓				✓	X	X		✓		I				✓	✓	✓						006	.14		
170-180	YELLOW	✓	✓				✓	✓	X				I				✓	✓							006	.14		
180-190	YELLOW	✓	✓				X	X					I					✓		✓					009	.12		
190-200	YELLOW- BROWN	✓	✓				✓	X	X				I					✓							005	.09		
200-210	YELLOW- BROWN	✓	✓	✓			✓	X	X				I				X	✓							039	.22	041	
210-220	YELLOW- BROWN	✓	✓				X	X					I				✓	✓							046	.16		
220-230	BROWN	✓	✓				✓	✓	X				I			✓	✓	✓		X					034	.15		
230-240	BROWN	✓	✓				✓	✓	X				I			✓	✓	✓		X					016	.11		
240-250	BROWN	✓	✓				✓	✓	X		✓		I				✓	X		X					015	.17		
250-260	BROWN	✓	✓				X	X					I			✓	X	X		X					052	.14		
260-270	BROWN	✓	✓				✓	X	X	✓			I			✓	✓	X		X					021	.18		
270-280	YELLOW	✓	✓				X	X	X				M				X		X						013	.21	035	
280-290	YELLOW- BROWN	✓	✓				✓	X	X	✓			I				✓		X						009	.14		
290-300	YELLOW- BROWN	✓	✓				✓	X	X	✓			I				X		X						008	.12		

BOREHOLE CUTTING LOG

"P84-350"
Page 2 of 2

[illegible]

#4 DEPOSIT

BOREHOLE CUTTING LOG

"P84-351"
Page 1 of 2

Hole Footage	Essential Minerals			Secondary minerals										Intensity of st	Rock Type	Mineralization										Assay		Remarks/Date
	Feldspar Kf	Quartz Qz	Microcline Mc	Quartz Qz	Kf	Bi	Mu	Py	Cy	Cl	Ep	Cs	CP			MO	BN	CC	Py	HE	To			Mo	Cu	Ag		
0-10	ORANGE	*			✓		*	*			✓		I		✓				*				5 ppm	89 ppm		OVERBURDEN		
10-20	ORANGE	*			*		*	*			✓		I		✓				*				6 ppm	122 ppm		OVERBURDEN		
20-30	ORANGE	*			✓		*	*			✓		I		✓				*	✓			001	02				
30-40	ORANGE	*			✓		*	*			✓		I						*	✓			003	01				
40-50	YELLOW	*			✓		✓	✓	*	*	✓		I		✓				*				002	01				
50-60	YELLOW	*			✓		*	*			✓		I		✓				*				002	02				
60-70	YELLOW	*			✓		*	*			✓	✓	I						*	✓			002	03	009			
70-80	PINK	*			✓		*	*			✓	✓	I		✓				*	✓			004	03				
80-90	PINK	*			✓		*	*			✓	✓	I		✓	✓			✓	✓			004	04	009			
90-100	PINK	*			✓		*	*			✓	✓	I		✓	✓			✓	✓			003	05				
100-110	PINK	*			✓		*	*			✓	✓	I		✓				*	✓			003	02				
110-120	PINK	*			✓		*	*			✓	✓	I		✓				*	✓			003	01				
120-130	PINK	*			✓		*	*			✓	✓	I		✓				*	✓			002	01				
130-140	PINK	*			✓		*	*			✓	✓	I		✓				*	✓			002	02				
140-150	PINK	*			✓		*	*			✓	✓	I		✓	✓			*	✓			001	02				
150-160	PINK	✓					✓	*	*				I		✓	✓				✓	✓		002	02		fine grain cuttings		
160-170	YELLOW	✓				✓		✓	*	✓	✓		I							✓			001	02				
170-180	YELLOW	✓					✓	✓	*	✓	✓		I		✓	✓				✓			001	02				
180-190	YELLOW	✓					✓	✓	*	✓	✓		I										001	02		fine grain cuttings		
190-200	YELLOW	✓					✓	✓	*	✓	✓		I										001	01		fine grain cuttings		
200-210	YELLOW	✓						✓	*	✓	✓		I							✓			001	01		fine grain cuttings		
210-220	YELLOW	✓						✓	*	✓	✓		I							✓			001	01		fine grain cuttings		
220-230	YELLOW	✓					✓	✓	*	✓	✓		I										002	01		fine grain cuttings		
230-240	PINK	✓					*	✓	*				I		✓					✓			003	01				
240-250	PINK	✓					✓	✓	*	✓	✓		I										001	01				
250-260	PINK	✓						✓	*				I		✓								001	01				
260-270	PINK	✓					✓	✓	*	✓	✓		I										001	01		fine grain cuttings		
270-280	PINK	✓					✓	✓	*	✓	✓	✓	I		✓								001	01		fine grain cuttings		
280-290	PINK	✓					✓	✓	*	✓	✓	✓	I		✓	✓							001	01				
290-300	PINK	✓					✓	✓	*	✓	✓	✓	I							✓			001	01				

BOREHOLE CUTTING LOG

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BOREHOLE CUTTING LOG

H4 DEPOSIT

"P84-352"
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Hole Footage	Essential Minerals			Secondary minerals									Intensity of St	Rock Type	Mineralization										Assay			Remarks/Date
	Feldspar Kf	Qu	Mica Bi-Ho	Qu	Kf	Bi	Mu	Py	Cy	Cl	Ep	Cs			CP	HO	BN	CC	PT	HE	HA			Mo	Cu	Ag		
50-60				*											✓	✓			✓	✓			4 ppm	1580 ppm		OVERBURDEN		
60-70	WHITE- YELLOW	*	✓			✓	✓	*	*	✓	✓		M		✓	✓			✓	✓			001	11				
70-80	GREEN	*	✓			✓	*	✓	✓				M			✓			✓	✓			002	33	035			
80-90	GREEN	*	✓			✓	+	*	+	✓	✓		M			✓			✓	✓			003	33	044			
90-100	GREEN	*	✓					*	+	✓			M			*			✓	✓			002	31	044			
100-110	WHITE- BROWN	*	✓			✓	✓	*	+				M			*			✓	✓			002	26	058			
110-120	WHITE- GREEN	*	✓			✓	✓	*	+	✓	✓		M			*			✓				002	36	047			
120-130	GREEN	*	✓				✓	*	+	✓	✓		M			✓							012	31	050			
130-140	GREEN	*	✓			✓	✓	*	+	✓	✓		M			✓			✓				020	35	032			
140-150	GREEN	*	✓			✓	✓	*	✓	✓	✓		M			✓			✓				008	20				
150-160	GREEN	*	✓				✓	*	+	✓	✓		M						✓				004	17				
160-170	GREEN	*	✓			✓	✓	*	✓	✓	✓		M			✓			✓				003	17				
170-180	WHITE	✓	✓				✓	*	+	✓	✓		M		✓	✓			✓	✓			002	18				
180-190	WHITE	✓	✓				✓	*	+				M			✓			✓	✓			002	15				
190-200	WHITE	✓	✓				✓	+	+	✓	✓		M			?	*		✓	✓			001	10				
200-210	WHITE	✓	✓				✓	✓	+	✓	✓		M			✓			*	✓			001	07				
210-220	YELLOW	✓	✓				✓	✓	+	✓	✓		M		✓	✓			*	✓			001	07				
220-230	GREEN	✓	✓				✓	✓	+	✓			M			✓			✓	✓			001	10				
230-240	YELLOW- GREEN	*	✓				*	+	✓	✓			M			✓			✓	✓			002	16		fine grain cuttings		
240-250	YELLOW- GREEN	*	✓				*	+	✓	✓			M			✓			✓	✓			002	10		fine grain cuttings		
250-260	YELLOW- GREEN	✓	✓				✓	✓	+	✓	✓		M			✓	?		✓	✓			001	08		fine grain cuttings		
260-270	YELLOW	✓	✓				✓	✓	+	✓	✓		M			✓			✓	✓			001	09		fine grain cuttings		
270-280	YELLOW	✓	✓				✓	✓	+	✓	✓		M						✓				002	06		fine grain cuttings		
280-290	YELLOW	*	✓				✓	✓	+	✓	✓		M			✓			✓				002	06		fine grain cuttings		
290-300	YELLOW	*	✓				✓	✓	+	✓	✓		M			✓			✓				002	06		fine grain cuttings		
300-310	YELLOW	*	✓				✓	✓	+	✓	✓		M										002	07		fine grain cuttings		
310-320	YELLOW	*	✓				✓	✓	+	✓	✓		M						?				003	08		fine grain cuttings		
320-330	YELLOW	*	✓				✓	✓	+	✓	✓		M										006	10		fine grain cuttings		
330-340	YELLOW	*	✓				✓	✓	+	✓	✓		M			✓			?				004	17		fine grain cuttings		
340-350	YELLOW- GREEN	*	✓				✓	✓	+	✓	✓		M			✓							003	20		fine grain cuttings		

BOREHOLE CUTTING LOG

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