

DRILLING REPORT

on the

AM 6 PR. and IDE #7 and #18 Mineral Claims

(Record Numbers 31193, 25000 and 25716).

Highland Valley, Kamloops Mining Division,

Latitude 50 degrees 26' N; Longitude 121 degrees W; NTS 92-I/6

Owned and Work paid by

Teck Corporation

Louis H. C. Tsang
March 14, 1980

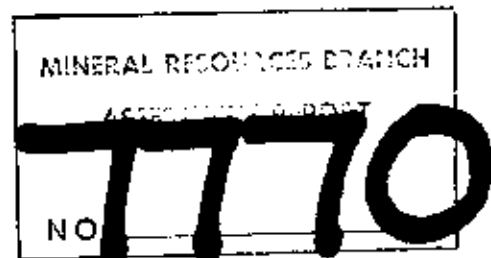


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INTRODUCTION

The IDE #7 and #18 mineral claims, and the AM 6 FR. mineral claim, are located on the south side of the Highland Valley on the northwest flank of Gnawed Mountain at an elevation approximately 1,630 meters above sea level (see figure 1, Index Map).

Access to claims can be made by the newly built Highmont access road (see figure 1, Index Map) to the Highmont property (Lot 28). This road joins the highway of Highland Valley at a road distance 18 km (approx.) west of Logan Lake.

The Highmont property contains seven known copper-molybdenum deposits. Among the Highland Valley deposits, Highmont has the highest grade of molybdenum, without which the property would not be economic under present conditions.

Little detailed work was done at Highmont until the late 1950's. In 1962, Torwest Resources (1962) Limited acquired the property and, after trenching and IP survey, the company drilled 20 holes, some of which were in the largest of the known Highmont deposits. The property was optioned briefly to Anaconda in 1963. Highmont Mining Corporation, in which Torwest was the chief shareholder, was formed in 1966. In 1966 and 1967, an extensive program of diamond and percussion drilling on a grid pattern outlined the largest of the copper-molybdenum deposits and gave other encouraging results. Underground bulk sampling of this deposit was conducted and was financed initially by Nippon Mining Company. Discouraged by the results, Nippon withdrew and the program was completed with funds obtained by equity sale to the public.

In 1969, Teck Corporation Limited entered into a financial agreement with Highmont that included the right to finance the property to production. The feasibility studies were completed in 1971, indicating that production was economically viable at that time. However, the development scheme of having No. 1 and No. 2 deposits mined as separate pits was not approved until early 1979. The construction of the mill and the preparation of the plant site on the property are underway.

No. 2 deposit is situated within IDE #7, IDE #18 and AM 6 FR. claim blocks. During the period of September 16, 1979 to December 7, 1979, Highmont Operating Corporation paid for the diamond drilling of a total 2379.6 meters to be done.

1. 1955.3 meters of NQ diamond drilling on the IDE #7.
2. 332.5 meters of NQ diamond drilling on the AM 6 FR.
3. 91.8 meters of NQ diamond drilling on IDE #18.

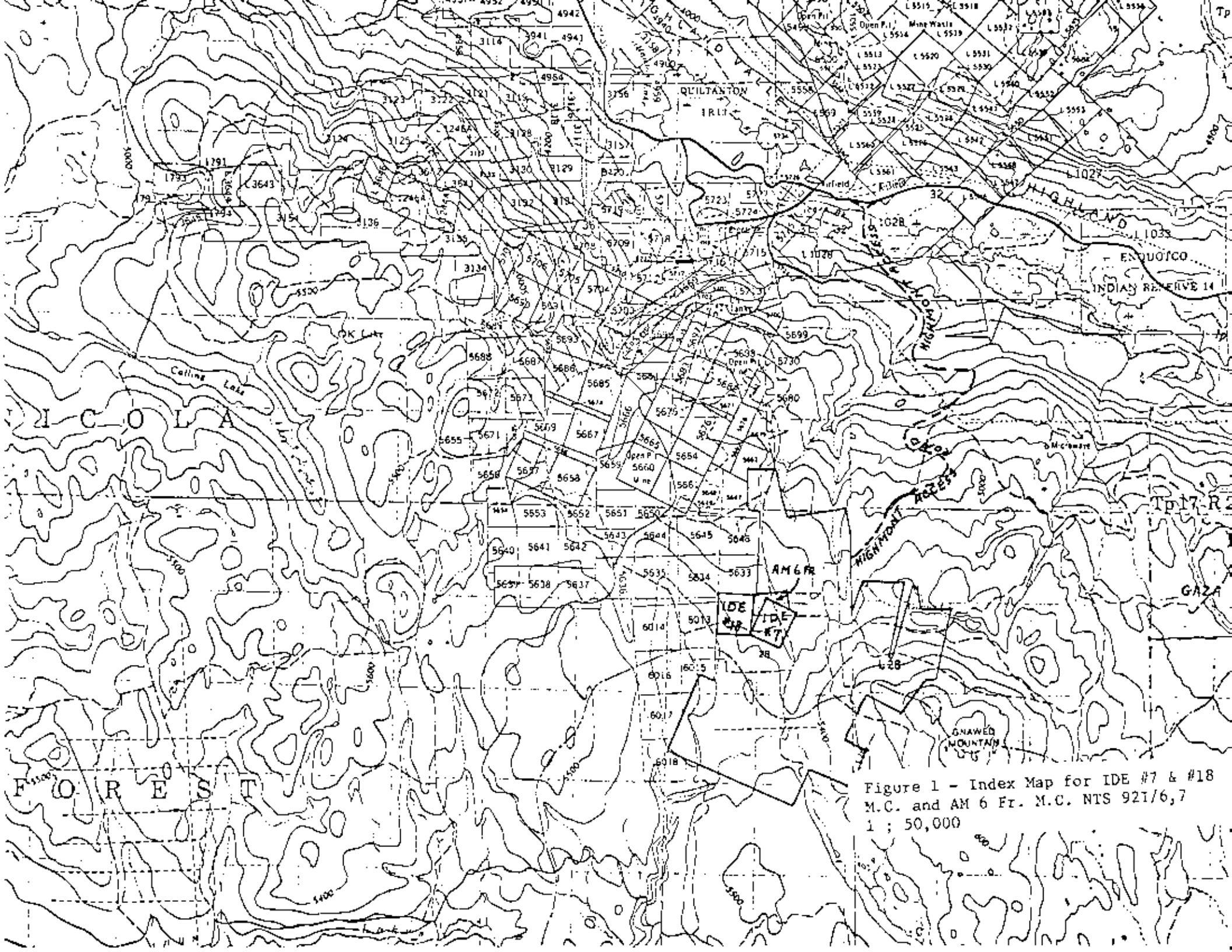


Figure 1 - Index Map for IDE #7 & #18
M.C. and AM 6 Fr. M.C. NTS 921/6,7
1 : 50,000

DIAMOND DRILLING

The diamond drill program was initially designed to check the validity of previous drilling results and to improve the definition of the ore reserve to be mined within the first two years of production. This fill-in diamond drill program consisted of 26 holes of a length of 91.4 meters each for a total of 2379.6 meters. It was essentially added to the existing drill pattern on IDE #7 and AM 6 FR. claim blocks, with north-south sections spaced 200 feet apart and with holes spaced 150 feet apart along these sections.

Assessment of the assay data was accomplished using computer mine planning package provided by Mintec Inc. of Tucson, Arizona, U.S.A.

Inclusion of the 1979 assay data with previous drilling results indicated:

1. No substantial change in the design or location of the stage 1 pits.
2. An improvement in the assessment of the ore reserve for the first two years of production. The improvement is assumed as the ore reserve for early production has changed and the closer drill hole spacing reduces the possibility of large estimation errors.

The logs of these diamond drill holes are presented in Appendixes A & B, and the assays are shown in Appendix C. The layout of these drill holes can be found in figure 2 in the pocket. The core from these drill holes are stored at the Highmont minesite.

ITEMIZED COST STATEMENTS

1. WAGES FOR HIGHMONT EMPLOYEES:

- (a) Tsang, Louis H. C.
Apt. 210
Laurel Manor
1680 Tranquille Road
Kamloops, B.C. V2B 3L4
Mine Geologist: \$100.00/day (Sept. 17 - Jan. 30)
68 days - total cost: \$6,800.00
- (b) Porter, Merlin
Post Office Box 144
Savonna, B.C. VOK 2J0
Drilling Supervisor: \$70.00/day (Sept. 10 - Dec. 1)
12 days - total cost: \$840.00
- (c) Sibbald, Scott
Post Office Box 951
Fraser Lake, B.C.
Helper for Core Splitting: \$58.00/day (Sept. 17 Oct. 31)
25 days - total cost: \$1,450.00
- (d) Hill, Steve
General Delivery
Logan lake, B.C. VOK 1W0
Helper for Core Splitting: \$58.00/day (Nov. 2 - Jan. 7)
39 days - total cost: \$2,262.00

2. FOOD AND ACCOMMODATION FOR HIGHMONT EMPLOYEES, CONNORS' FOREMAN AND DRILLERS, AND WATER TRUCK DRIVERS:

Sibbald, Scott: \$14.25/day (Sept. 17 - Oct. 31)
35 days - total cost: \$498.75

Porter, Merlin: \$14.25/day (Sept. 10 - Dec. 7)
12 days - total cost: \$171.00

CONNORS' DRILLERS AND WATER TRUCK DRIVERS:

K. Griffiths	F. Allard	N. Beers	M. Herman
C. Miller	W. Clark	R. Egan	K. Edkins
E. Prevost	A. Achachan	M. Munro	A. Yakema
M. Morneault	M. Carriere	E. Gowans	
A. Chenier	D. Anderson	A. Kennedy	

604 days @ \$14.25/day (Sept. 6 - Dec. 2) \$8,607.00

Cont'd

3. TRANSPORTATION:

Tsang, Louis: Daily travelling to and from Kamloops and
Highmont property: \$12.00/day for 68 days.

Total cost: \$816.00

Geologist's truck used within the property: \$12.00/day

68 days - total cost: \$816.00

Drilling Supervisor's truck used: \$12.00/day

12 days - total cost: \$144.00

4. SURVEYING COST FOR DRILL HOLES:

(a) Nickerson, Gordon
48 Edward Street
Kamloops, B.C. V2B 4G1
Chief Surveyor: \$8.95/hr.
18 hours - total cost: \$161.10

(b) O'Brien, Denis
#102-1078 12th Street
Kamloops, B.C. V2B 8A2
Surveyor: \$7.93/hr.
30 hours - total cost: \$237.90

(c) Webber, Colin
#307-235 Keith Road
Vancouver, B.C. V2T 1L5
Surveyor's Helper: \$7.50/hr.
30 hours - total cost: \$225.00

5. ANALYSIS COST

Afton Laboratory: 739 of 10-foot core samples @ \$8.51/sample

Total cost: \$6,288.89

6. DRILL SITE PREPARATION

By the Cat Unit of Nadina Logging Ltd. and Syl. Senger
at a total cost of \$5,139.00

7. DIAMOND DRILLING CONTRACT COSTS

Connors Drilling
205-1201 West Pender
Vancouver, B.C.

2379.6 meters of NQ diamond drilling - total cost \$146,966.09

8. CONSTRUCTION OF CORE STORAGE	<u>\$1,200.00</u>
9. PREPARATION OF REPORT	
Total cost:	<u>\$4,200.00</u>
 TOTAL COST OF ITEMS 1 - 9	 <u>\$186,822.73</u>

APPORTIONMENT OF COST

1. To AM 6 FR. M.C.:

(a)	332.5/2379.6 of DDH costs (item 7)	\$20,535.48
(b)	332.5/2379.6 of DDH direct costs (items 1,2,3,5).	4,009.34
(c)	1/6 of surveying and site preparation costs (items 4,6).	960.50
(d)	1/6 cost of construction of core storage	200.00
(e)	1/6 cost of report preparation (item 8).	<u>700.00</u>
	Total cost	<u>\$26,405.32</u>

2. To IDE #7 & #18 M.C.:

(a)	2047.1/2379.6 of DDH costs (item 7)	\$126,430.61
(b)	2047.1/2379.6 of DDH direct costs (items 1,2,3,5).	24,684.30
(c)	5/6 of surveying and site preparation costs (items 4,6).	4,802.50
(d)	5/6 cost of construction of core storage	1,000.00
(e)	5/6 cost of report preparation (item 8)	<u>3,500.00</u>
	Total cost	<u>\$160,417.41</u>

AUTHOR'S CERTIFICATE

I, Louis Tsang, of the City of Kamloops, British Columbia, do hereby certify that:

1. I am a member of the Geological Association of Canada.
2. I am a graduate of the University of British Columbia with a B. Sc. degree (1972) in geology and geophysics.
3. I have practiced by profession since 1972 while employed by Bacon & Crowhurst Consulting Engineering Ltd. (one summer season), and by Zapata-Granby Corporation, Cranisle Division (seven years).
4. Presently, I am employed by Highmont Operating Corporation Ltd., Post Office Box 3000, Logan Lake, B.C.
5. This report describes work performed on IDE #7, IDE #18 and AM 6 FR. mineral claims under my supervision during the period of September 16 to December 7, 1979.

March 14, 1980

A handwritten signature in cursive script that reads "Louis Tsang".

Louis H. C. Tsang

APPENDIX A: DESCRIPTION
OF
ROCK UNITS ENCOUNTERED ON DRILLING

DESCRIPTION OF ROCK UNITS
(by field determination)

1. SKEENA QUARTZ DIORITE - a variety of Behlehem phase of Guichon Batholith.

The Skeena phase has minor variations. It is coarse grained, and has slightly porphyritic texture. It is characterized by several percent of coarse-grained poikilitic hornblende crystals distributed irregularly in a matrix containing fairly even distributed medium-grained mafic minerals with either hornblende or biotite dominant. Biotite crystals are commonly bent. Quartz is coarse grained subhedral to anhedral. Alteration is common, from light to intense. Alteration products include epidote, chlorite, clay minerals, hydrothermal biotite (commonly green color), sericite, K-feldspar, carbonate, hematite and silica.

2. BETHSAIDA GRANODIORITE

It is generally porphyritic, and has 6% mafic minerals. Clear quartz crystals occur unevenly disseminated, and form coarse blocky crystals: Biotite crystal is euhedral and very coarse-grained.

References:

Bulletin No. 56 - Geology and Geochronology of the Guichon Creek Batholith, by K.E. Northcote, 1969.

Preliminary Geological Map of the Guichon Creek Batholith (92 I/2W, 7W, 10W, 11E and small areas of 14E and 15W), Map 30, by W. J. McMillan, 1978 (1:100,000 and 1:25,000)

1 colour map, 10 maps, plus accompanying notes.

APPENDIX B: DIAMOND DRILL HOLE LOGS

BOREHOLE LOG

DIAMOND DRILL HOLE # 79 -350

HIGHMONT SURVEY GRID

NORTH: 77,380.70 AZIMUTH: 182° 37' 09"

EAST: 108,066.10 INCLINATION: -46°

COLLAR ELEVATION: 5203.70 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMIMITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
1														
2														5'
3														10'
4														
5														
6														
7				Oxidized frags. Medium alteration	M				L	M	M	M		SKEENA Q. D. - consist of oxidized shattered core
8		42			M				L	M	M	M		
9					M				L	M	M	M		
10	#1		} Dism chy		M				L	M	M	M		
11		33			M				L	M	M	M		
12					M				L	M	M	M		
13					M				L	M	M	M		
14		48			M				L	M	M	M		45'
15					M				L	M	M	M		

SCALE 1 CM = 1 METER

ABBREVIATIONS

BO BOHNITE	PARALLEL	I INTENSE	G.D. GRANODIORITE
CPY CHALCOPYRITE	FRAG. FRACTURE	M MEDIUM	Q.D. QUARTZ DIORITE
CL CHALCOLITE	DISM. DISSEMINATED	L LIGHT	
MO MONOMELITE	Q AT		

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DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORPIMENT	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
16	#1			Medium alteration-oxidized fractures	M				L M M M					SKEENA Q. D. - consist of oxidized shattered core
17		98			M				L M M M					
18														
19	#2			Medium alteration - oxidized fractures	M				L M M M					SKEENA Q. D.
20		93	→ minor cpy											
21			→ minor cpy		M M				L M M M					-70'
22														
23		100		Lightly altered	L M				L M L					
24					L				L M L					
25	#3		→ Mo desim.		L				L M L					
26		100		Medium alteration										
27			Coarse grained Mo & minor cpy & B. with gte		M	M			L M M M					Shear & shattered zone
28			veinlets & slips.											
29	#4	98	Mo & minor cpy with gte veinlets	shattered core	M				L L M M M					Slip @ 90°
30				Highly fractured.	M				L L M M M					

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

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DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K FELSPAR	LITHOLOGY		
31	#4	100	} see the last page	Medium alteration					I					SKEENA Q.D. Shear zone @ 60° - Slip @ 30°		
32				Medium alteration	L				L	L	M					105'
33					L					L	L	M				
34	#5	98	- hematite on frac @ 45° - Qtz stringer @ 45° - minor hematite & magnetite with Qtz vein - Dism. hematite & or magnetite	Lightly altered										-10'		
35					L	L				L	L	L				
36				Medium alteration	L	L				L	M	L				
37	#5	100	- hematite on slip @ 60° - K-feldspar zones @ 50°-45° - Qtz-veinlet - minor cpy											-120'		
38					L					L	M	L				
39					L						L	H	L			
40	#6	93	} Dism. cpy & Bo - minor cpy & Bo with mafic	Lightly altered										-130'		
41					L					L	M	L				
42				Medium alteration	M						L	M	M		M	
43	#6	100												-140'		
44					M						L	M	M			
45				minor cpy	M							L	M		M	

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

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DEPTH IN METERS	BOX NO	% CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	MAGNETITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
46	#7	97		Medium alteration	M			L	M	L				SKEENA Q.D. 155'	
47			} some Mo with slips.	Intensely altered											
48					M				M	I	L				
49	#8	98			M			M	M	M			← shear zone @ 50°	160'	
50				Medium alteration	M				M	I	M				← slip @ 40° ← slip @ 80°
51			} dism py & minor magnetite.			M				M	M	M			
52						L							170'		
53	#8	88			M	L			M	M	M				
54						M	L			M	M	M			
55			} Mo & py dism. (minor)												180'
56	96	} minor cpy ← Mo		Lightly altered	L				L	L	L				
57				Medium alteration	M				L	L	M				
58		} fine grained dism cpy				M				M	M	M	M		
59	#9		98	} dism py	Intensely altered - rock soft & crumble					M	I			190'	
60		} lightly altered					L				L	L	L		195'
61				← cpy & magnetite (?) with frac @ 40° ← Bo with frac @ 45°			L				L	L	L		

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

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DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOITTE	SERICITE	K-FELSPAR	LITHOLOGY
62	#9			lightly altered	L			L	L	L				SKEENA Q.D.
63		92						L	L	L				← Slip @ 50'
64	#10		Mo with qtz veinlet @ 45° minor py (fine grained) ← opy with frac	Medium alteration	M	L		M	M	L				205'
65			← Hematite on frac @ 45°											-210'
66		100			M	M		M	M	M				
67			K-felspar-qtz & epidote veins		M	M		M	M	M				← Breccia healed with hematite
68			Bu & opy plus minor Mo ← Hematite on frac @ 40°		M			M	M	M	M			-220'
69	#11		← Mo & opy with frac @ 60°		M			L	M	M				
70					M									-230'
71					M			L	M	M				
72		100			M			L	M	M	M			
73				lightly altered	L			L	L	L				← Slip @ 10"
74	#12		qtz veinlets & calcite stringers		L			L	L	L				-240'
75		98												245'
76				Medium alteration	L			L	M	M				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

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DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
77	#12		Qtz veinlets & calcite (?) stringers	Medium alteration	M			M	M	M				SKEENA Q.D.
78		98												
79			Dis. Ho.		M			M	M	M				260'
80	#13		minor Ho		M			M	M	M				
81		87	Ho & cpy plus minor Ho with Qtz vein											
82			Hematite, cpy stringer & dis. cpy & Ho with Qtz stringers		M	L		M	M	M				270'
83					M	L		M	M	M				
84		100		Intensely altered										
85			fine-grained Ho dism. plus coarse grained Ho with frac			L		I						
86			Dis. py with serpentinized frac.			M								280'
87		100	minor dism. Ho plus Ho with frac.	Medium alteration				M	I	M	M			
88			minor dis - Ho		M			M	M	M				
89				Intensely altered										290'
90		93	Dis. cpy & Ho plus cpy stringer					M	I					295'
91								M	I					

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-351

HIGHMONT SURVEY GRID

NORTH: 77,519.14 AZIMUTH: 183° 52' 48"

EAST: 108,068.77 INCLINATION: -45°

COLLAR ELEVATION: 5195.10 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY		
1	NO CORE															
2	#1	72	cpy stringers with epidote-serpentine - qtz stringers Musc. Ma. & cpy dism.	Medium alteration	M				M	M	M	M		SKEENA Q.D. 5' — consists of oxidized frags. Highly frac core.		
3																
4		67						M				M	M		M	M
5																
6																
7																
8	#2	96	fine-grained dism. cpy		M				M	M	M	M				
9							M				M	M	M	M		
10																
11	85				M				M	M	M	M				
12				Intensely altered.					M	I						
13			dism. cpy						M	I						
14	#3	70	fine grain Ho with qtz veins Dism. cpy						M	I						
15											M	I				
				Medium alteration	M				M	M	M					

ABBREVIATIONS

BO Biotite
CPY Chalcopyrite
CC Chalcocite
D.D.H. DEEP DRILLING HOLE
G.D. GRANODIORITE
G.D. QUARTZ DIORITE
H PARALLEL
FAC. FRACTURE
DISM. DISSEMINATED
I INTENSE
M MEDIUM
L LIGHT

SCALE : 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY		
16	#3	100	Bo & cpy with frags.	Medium alteration	M	M		M	M	M	M			SKEENA Q.D.		
17										I						55'
18						Bo stringer Mo with qtz veinlet. Bo & cpy occur as clots.		M	L		M	M	M		M	
19	#4	95	Qtz stringer with hematite Mo stringer is displaced by a qtz veinlet with a distance 1.8 cm. Mineralised fract dip @ 30°-70°	Intensely altered	M	L		M	M		M			-60'		
20																
21								M	L		M	M	L			
22	#4	100	Qtz-calcite veinlets and stringers @ 65°. Mo, cpy & Bo with frags. Dism Bo & cpy	Medium alteration	L			M	M	I	L			-70'		
23													M		M	
24								M			M	M	M		M	
25	#5	86	Mo with qtz veinlet	Intensely altered				M	M	L				-80'		
26																
27								L			M	M	L			
28	#5	98	Dism Mo, cpy & Bo	Medium alteration	M			M		L	M	M		-90'		
29																
30								M			M	M	M		M	
	#6		minor dism. cpy & Bo										95'			

SCALE: 1 CM @ 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
31	#6	91	minor cpy	Medium alteration	M			M	M	L			L	SKEENA Q.O. 105'	
32				Intensely altered	M			M	I	M	M				
33			cpy & Mo with frac												
34	100		mass dism Bo with mafic	Medium alteration	M			M	M	M	M			120'	
35				aphite											
36							M	M		M	M		L		L
37	#7	97	minor Mo & Bo	cpy with frac. No dism. Dism cpy & Bo Dism. cpy & Bo cpy with gte vein @ 70°				M	M	L	L			130'	
38															
39								M	L		M	L	M		M
40	100				M	L		M	L	L				140'	
41															
42							Intensely altered	L	M		M	I			
43	#8	98		Medium alteration	M			M	M	L				145'	
44															
45								M			M	M	M		

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	ALTERATION								LITHOLOGY	
					EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE		K-FELDSPAR
46	#8			Medium alteration										SKEENA Q.D.
47		100	← cpy with frac.		M	M		L	L	M	M			
48	#9			Intensely altered	M	M	L	L	M	M			L	155'
49								M	I					160'
50		98	← Dis. hematite	Medium alteration										
51			} cpy with calcite stringers, frac as well as dism.	Lightly altered	L			M	M	L				
52						L			L	L	L			
53			} Bo & cpy dism plus with frac minor Mo.		L	L		M	L	L			L	
54	#10	98		} Dism cpy & with stringers	Medium alteration	L			M	M	L	M		
55									M		L			
56			← Mo(?) with gr. veinlets		L	M		M	M	L				
57		95	← Dis. Mo(?)	Intensely altered		M		M	I					← slip with hematite coating @ 45°
58														190'
59	#11							M	I					
60		87												195'
61			} major Mo					M	I					
											M	L		

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY
62	#11		} Qtz stringers	Medium alteration	M	L		M	M	M		M		SKEENA Q.D.
63		97		Lightly altered	M			L	L	L				} Slip // core 205'
64														-210'
65	#12		} Dissem. Mo		M			L	L	L				
66		95		Intensely altered - shattered zone	M			M	I	M				
67			} Dissem Mo plus stringers with quartz vein (?)		M			M	I	M				-220'
68			} fine grained Mo with patches of Epidote & chlorite		M			M	I	M				
69		100		Light-Medium alteration	M			L	M	M				
70			} minor Mo											-230'
71	#13		} Dissem. Mo.	Medium-Intense alteration ← Mo stringer	M			M	M	M				
72		100		Lightly altered	M			M	M	M	L			
73			} minor epy & Bs. Mo with qtz stringers	Intensely altered	M			M	I	M				← Slip -240'
74			} Mo stringers		M			M	I	M				
75	#14			Lightly altered	L			L	L	L				245'
76		98		Intensely altered	M			M	I	M				
			} fine grained Mo dissem plus with qtz stringers											

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HELVETITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY		
77	#14	95		Intensely altered	M				M I	M				SKEENA Q.D		
78				Lightly altered	L				L L	L L					255'	
79				Medium alteration						M M						260'
80	#15	98	+ minor hematite with gte stringers		M				L M	M				270'		
81				} fine grained Mo dism. and with Epidote-serp-gte veinlets ← Aplite		M				L M	M					← Slip
82																
83	#16	100			M				M M	M M				280'		
84				} minor Mo } Mo with gte veinlet	Lightly altered	M				M L	M					
85																
86	#16	100	+ Mo with gte - calcite vein // core	Medium alteration	M				M M	M M				290'		
87						M				M M	M M					
88				} Mo with gte stringers dism Mo			M				M M	M M				
89			Lightly altered		L				L M	L						
90	#17	96			L				L M	L				295'		
91				← Mo with aplite			L			L M	L					

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-352

HIGHMONT SURVEY GRID

NORTH: 77,536.98 AZIMUTH: 181°32'58"

EAST: 107,869.02 INCLINATION: -42°

COLLAR ELEVATION: 5198.82 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE Louis Tsang

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMIMITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	X-FELDSPAR	LITHOLOGY		
1	No CORE															
2															5'	
3																
4	#1	87	Qz vein @ 60° and has a displacement of 9mm.	Intensely altered	L	L			L	I	L			SKEENA Q.D. - oxidized (esp. on frags) and kaolinized		
5								L	L			L	I		L	
6	#2	99	minor cpy	Intensely altered					L	M	L			-20'		
7								L	L			L	M		L	
8								L				M	I			
9	#2	93	minor cpy	Lightly altered						M	I			-30'		
10								L								
11								L	L			L	L			
12	#3	88	minor Mo & cpy with frags											-40'		
13								L	L			L	M			
14								L	L			L	M			
15														45'		

SCALE 1 CM = 1 METER

ABBREVIATIONS: BO BOHRITE, CPY CHALCOPYRITE, CL CHALCOHITE, MA MANGANESE, II PARALLEL, FRAC. FRACTURE, DISM. DISSEMINATED, I INTENSE, M MEDIUM, L LIGHT, G.D. GRANODIORITE, Q.D. QUARTZ DIORITE

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	QUARTZ	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
16	#3	99	minor Mo & cpy with frags	Medium-Intense alteration	M					M	M	M		SKEENA Q.D.		
17			Mo, cpy & B. with frags		M						M	M	M			55'
18	#4	98	minor cpy with gte stringers	Lightly altered	M					M	M	M		-60'		
19					L							L	M		L	
20					L								L		L	L
21	#4	98			L					L	L	L		-80'		
22					L								L		L	L
23	#5	96	Dism cpy & cpy stringers minor cpy with gte veinlets	Medium alteration Lightly altered	M	L				M	M	M	M	-90'		
24					M								L		L	L
25	#6	100	minor cpy & Mo with frags	Medium alteration	M					L	M	L		95'		
26					M								M		M	M
27					M					M	M	M				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATEITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
31	#6	89	minor cpy, Bo & Mo with qtz veinlets	Medium alteration	M					M	M	M		SKEENA Q. D. 105'		
32																
33							M	M				M	M		M	
34	#7	98	minor dism. Mo. cpy & Mo with qtz stringers	Intensely altered	M	M				M	M	M		-110'		
35																
36							L					M	I		L	
37	#7	100	minor dism. epy plus minor cpy & Mo with bluish qtz-eyes	Medium alteration	M	M								-120'		
38																
39							M	M				M	M		M	
40	#8	97	minor dism. epy		M					L	M	M		-130'		
41																
42							M					L	M		M	
43	#9	100	Bo & cpy with epidote-serp stringer.	Lightly altered	M					L	M	M		-140'		
44							L					L	L		L	
45							L					L	L		L	

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
46	#9	99	minor cpy with frags.	Medium alteration	M			M	M	M				SKEENA Q. D. - slip @ 60° - slip @ 60° 155'	
47			calcite (?) stringers	Lightly altered	L	L		L	L	L					
48			minor cpy dism.	Medium alteration	L			L	L	L					
49	#9	100	Mo stringer with slip @ 30°	Intensely altered				M	I				-160' } Shear zone with breccia texture @ 30°		
50				Lightly altered											
51	#10	98	Dism cpy & Mo with stringers	Lightly altered	M	M		L	L	M				-170'	
52				Intensely altered - dism. coarse grained sericite	L				L	L	L				
53				minor dism cpy Mo & cpy with qtz veined	L				L	I		M			
54					L			L	I			L	-180'		
55				Bluish qtz-eyes dism.				L	I						
56	#10	100	Dism cpy & py plus with calcite stringers	Medium alteration	M			M	M	M	M	L		-190'	
57				fine-grained dism. cpy											
58	#11	98	few cpy stringers // qtz veinlets @ 30°. Bluish qtz-eyes dominant. Some sections show dism. py & cpy plus minor so.		M			M	M	M	M	L		-190'	
59															
60					M			M	M	M	M		195'		
61			Qtz network with cpy & Mo dism plus cpy stringers.		M			M	M	M	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY	
62	#12	97	Mo, Bo & cpy with slips	Mo stringer @ 70° Intense altered				M	I					} FAULT (?) ZONE @ 70° 205'	
63				Mo stringer @ 70°				M	I						
64				Lightly altered	L		L	L	M						
65	100	Aplite with Bo & cpy minor Mo	Medium alteration		L			L	L	M				-210'	
66				minor cpy with frags							M				
67				Qtz breccia	M		M	M		M	M				
68	#13	100	cpy with Qtz stringer minor cpy plus fine grained Mo	Lightly altered				L	L	L				-220'	
69						L		L	L	L					
70															
71	99	Epidote-serp-calcite stringers	Medium alteration		M			M	M	M	M			-230'	
72					M				I	M					
73										I					
74	#14	97	Epidote-serp-Qtz vein	Medium-Intense alteration	M			M	M	M				-240'	
75					M			M	I						
76					M			M	I						245'

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY
77	#14			Lightly altered	L			L	L	L				SKEENA Q.D.
78		98		Intensely altered				L	I	M				
79			Mo with qtz veinlet	Lightly altered	L			L	L	M				
80	#15			Medium alteration										260'
81		96			M			M	M	M				
82			← minor ep		M			M	M	M				
83				Lightly altered										270'
84		100		Medium alteration	L			L	L	L				
85	#16				M			M	M	M				280'
86														
87		98	- aplite with Mo		M			M	M	M				
88					M			M	M	M				
89				Lightly altered	M			M	M	M	M			290'
90	#17	99			L			L	L	L				295'
91				← Medium alteration Lightly altered	L			L	L	L				
					M			M	M	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-353

HIGHMONT SURVEY GRID

NORTH: 77,389.67 AZIMUTH: 180° 00' 00"
EAST: 107,868.69 INCLINATION: -45°
COLLAR ELEVATION: 5207.37 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO. & CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
1	NO CORE												5'
2													
3													10'
4													
5	#1	93	Qtz-calcite veinlet @ 10°										SKEENA Q.D. -oxidized rock
6			Intensely altered										
7			Medium alteration										
8	#1	93	Mo with qtz vein @ 30° Cpy & Mo with frac										
9			Intensely altered										
10	#2	98	Dism cpy & Mo	Medium alteration	M								
11				Intensely altered									
12			minor cpy										
13		76	Qtz stringer @ 50°										
14	#2	38	Mo stringers with qtz vein & slip										
15					Intensely altered								

ABBREVIATIONS

BO Biotite II PARALLEL I IMPURE G.D. GRANODIORITE
 CPY CHALCOPYRITE. FRAG. FRACTURE M MEDIUM Q.D. QUARTZ DIORITE
 CL CHALCOCITE. DISM. DISSEMINATED L Light M-
 MR MALACONITE Q AT

SCALE : 1CM = 1METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORIBONT	CLAY	CHLORITE	BIOTITE	SERICITE	AC-FELSPAR	LITHOLOGY
16	#2	49	Mo stringers with gte veinlets & slips	Intensely altered				M	I					} Shear zone SKEENA Q. D.
17														
18			Qte veins (3-6 cm thick) with Mo					M	I					-60'
19	#3	86	Cpy, Bo & Mo with fault zone					M	I					} FAULT (?) ZONE @ 80°
20														
21			Cpy, Bo & Mo with gte					M	I					-70'
22			veinlets (0.3 cm thick)					M	I					
23	#4	97	Mo with gte veinlet @ 80°	Medium alteration Mo with gte veinlet @ 40°	M			M	M	M				
24					minor cpy & Mo with calcite veinlets // core		M			M	M	M		
25	#4	93	Qte-calcite veinlet network; two sets of angles (70-80°) x (0-20°)	Qte stringer @ 70° Mo with gte veinlet @ 85°	M			M	M	M				-80'
26					Dism. cpy, Bo & Mo plus with frags									
27			Dism cpy, Bo plus Mo stringers with gte stringers	Mo with gte veinlet @ 80°	M			M		M				-90'
28	#5	78	Bo & cpy with frags @ 40°	Medium alteration - with coarse grained dism. sericite	M			M	M	M	M			
29										M	I			
30			Dism. cpy & minor Bo plus cpy with frags	lightly altered	L			L	L	L				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
31	#5	93	Dism cpy & minor Bo plus cpy with fracs.	Lightly altered	L			L	L	L				SKEENA Q.D.	
32			Crystallized calcite vugs	Intensely altered → Qtz vein → Mo & cpy with fracs & with gte-calcite veinlets. Minor Bo				L	I						105'
33								M	L	I					
34	#6	88	← Dism cpy ← Qtz veinlet @ 80° ← Qtz veinlet @ 30° Dism. cpy, Bo with cpy stringers Minor Mo. Cpy, Bo & Mo with fracs	Lightly altered	L			L	L	L				-110'	
35										M					
36					Dism. cpy & Bo plus with fracs		L			L	M				
37	#6	90											-120'		
38				cpy, py, Mo & Bo dism plus with fracs. Dism cpy & py plus with fracs	Intensely altered Medium-light alteration	L			L	M	M			M	
39				← Qtz veinlet @ 60° ← Dism cpy, Bo & minor Mo. ← Qtz-calcite stringer @ 70°	← No stringer & with fracs.	L		M	L	L	L				
40	#7	93	← Dism cpy, Bo & minor Mo. ← Qtz-calcite stringer @ 70° Mo & cpy with gte-calcite veinlets	Intensely altered		L		M	M			L	-130'		
41				Mo with Qtz vein Calcite veinlets (1.5cm thick) @ 15° Mo & cpy with fracs & gte stringers					M	I					← Shear zone
42					minor cpy					I	I				
43	#8	99											-140'		
44				Mo & cpy with Qtz veinlets & fracs	Qtz-calcite veinlets & vein @ 30°. 17 veinlets per 0.3 meter					I	I				
45				Mo with Qtz stringers @ 45-65° Minor py	← a network of fracs @ 45° & 25°						I	I			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEAVYITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
46	#8	98	finely dism py & Mo with gtz stringers	Intensely altered										SKEENA Q.D. 155'	
47				← Qtz vein @ 60°											
48				cpy & Mo with gtz veinlets & frags											
49	#9	90	cpy, B ₂ & Mo with gtz veinlets @ 80°	← Mo with gtz vein @ 70°										160'	
50				Mo stringer with gtz veins @ 60-80°	Medium alteration										
51				Dism. cpy & B ₂ plus cpy, B ₂ & Mo with gtz vein- & veinlets @ 40°	Intensely altered - dism. coarse grain sericite.	M									
52	#9	84	B ₂ & cpy with gtz veinlets @ 50°	← Mo & cpy with gtz stringers & veins @ 45°										170'	
53				Mo & cpy with gtz stringers dip @ 40°	Medium - intense alteration										
54				minor cpy with gtz stringers dip @ 40°											
55	#10	85	Mo & cpy with veinlets with a density 1 veinlet per 15cm.	← Qtz veinlets @ 40-70°	M									180'	
56				Intensely altered	L										
57				Mo & cpy with gtz stringers @ 45-60°											
58	#10	88	B ₂ & cpy dism	Medium alteration with dism. sericite	M									190'	
59				Intensely altered											
60				Mo & py with gtz-calcite veinlets @ 80°	Medium alteration	M									
61	#11		Dism. cpy & Mo minor cpy	Intensely altered Medium - light alteration dism. sericite	M L	L								195'	

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
62	#11	88	cpy with qtz stringer // core	Lightly altered	L		L	L						SKEENA Q. D. 205'
63			minor cpy	Intense - medium alteration	L		L	I	L					
64			cpy & Mo with qtz stringers @ 70°		M		L	M	M					
65	#12	98	minor cpy & Bo with qtz stringers @ 70°-80°		M		L	M	M	M				-210'
66			Bo & cpy with frac. Mo with qtz stringers @ 25°	Intensely altered	M		M	M	M	M				
67				Mo with qtz stringer @ 40°	Medium alteration	M			I	M	M			
68	#12	90	cpy & Bo with frac. Mo with qtz stringers. No mineralization with calcite stringers		M		M	M	M	M				-220'
69				Qtz stringers @ 60°-80° with Bo, cpy & Mo. Calcite stringers	← cpy with oxidized frac @ 60°	M		M	M	M	M			
70	#13	96	Qtz stringers @ 60°-80° with Bo, cpy & Mo. Calcite stringers @ 40°-80°	← Qtz stringer @ 40°	M		M	M	M	M				-230'
71			minor cpy & Bo as cluster and with stringers	Intensely altered			M	I						
72			← Mo(?) with shear zone	← Dism cpy (minor)	Intensely altered			L	I					
73	#13	92					L	I					} Shear zone @ 40° -240'	
74					Lightly altered			L	L	L				
75	#14	90	← Mo with qtz veinlet. Dism cpy		L		L	L	L				245'	
76			Bo & cpy dism. & with stringers		L		L	L	L					

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HELMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	X-FELSPAR	LITHOLOGY	
77	#14	96	minor Bo & cpy	Lightly altered	L			L	L	L				SKEENA G. D.	
78				Medium alteration	L			L	L	L					255'
79		94	Bo & cpy with frags @ 70° minor gtz stringers	Medium alteration	M			M	M	M					260'
80				Lightly altered	M			M	M	M					
81	#15	94	Bo & cpy with frags minor cpy & Mo with gtz stringers & frags	Medium alteration				M	M	L				270'	
82				Light-medium alteration	L			L	L	L					
83		92	minor cpy & Mo with frags cpy & Mo with frags.	Medium alteration	L			L	L	L					
84				Aplite	M			M	M	M					
85				M			M	M	L					280'	
86	#16	87		Lightly altered	L			L	L	L				290'	
87				Medium alteration	L			L	L	L					
88					M			M	M						
89	82	Mo with gtz vein @ 30°			M			M	M	L				295'	
90					M			M	M	L	M				
91				cpy & Bo with frags	M			M	M	L	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-354

HIGHMONT SURVEY GRID

NORTH: 77, 239.01 AZIMUTH: 180° 17' 57"

EAST: 107, 868.83 INCLINATION: -48°

COLLAR ELEVATION: 5217.84 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
1														
2														5'
3														10'
4														
5														
6														20'
7														
8														
9				Medium alteration	M			M	M	M	M			SKEENA Q. D. 30'
10			minor epy & Mo in frags.		M			M	M	M	M			
11	#1		Mo stringer with minor epy & Bu		M			M	M	M	M			
12					M			M	M	M	M			BETHSAIDA dyke (2) G. D.
13			Mo & epy in frags.	Highly fractured	M			M	I	M	M			BETHSAIDA dyke (3) G. D. 40'
14								M	M					45'
15	#2		see next page	Highly altered	M			M	M	M	M			

ABBREVIATIONS

- BO Biotite
- CPY Chalcopyrite
- CC Chalcocite
- MO Malachite
- II Parallel
- FRAC. Fracture
- DISM. Disseminated
- D AT
- I Intense
- M Medium
- L Light
- G.D. Granodiorite
- Q.D. Quartz Diorite

SCALE : 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CHALCOPRITE	CLAY	CHLORITE	BIOTITE	SERPENTINE	W-PHOSPHATE	LITHOLOGY		
16	#2	95	Mo & py with qtz veinlets (>1mm thick) @ 40° & 70°. Ba & cpy discm. with mafic. Barren calcite stringers	Highly altered	M	L		M	M	I	M			SKEENA Q. O.		
17						M	M	M	M	L	L				55'	
18									I	I						60'
19	#3	100	minor Mo. → Mo stringer minor Ba & cpy with qtz veinlet @ 60° Mo with qtz veinlet @ 50°. Minor cpy	Medium alteration	M	L		M	M	L				← BETHSRIDA dyke (?), G. O.		
20						M	M		M	M	L				70'	
21								M								70'
22	#3	98	Ba stringers @ 35°		M	L		L	M	M	M	L				
23						M	L		L	M	L	M				
24					→ Mn stringer		M	M		L	M	L	M			80'
25	#4	87	crystallized calcite stringers @ 50°-80°		M	M		L	M	L	M					
26						M			M	M	L	M				
27																90'
28	#4	88	Mo stringers // calcite stringers @ 50°-80° → Massive Mo with qtz vein → Mo & cpy (minor) → minor Mo & cpy	Intensely altered	M			M	I	L						
29					Medium alteration	M			M	M	L	M				95'
30							M			M	M					

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
31	#5	93	minor Mo & epy	Medium alteration	M			M	M					SKEENA Q.D. 105'		
32			minor epy & Mo with calcite stringers		M			M	M							
33			minor Mo & epy		M		M	M	M							
34	#5	98	minor epy		M	L		M	M					110'		
35						M						L				
36						M		M	M			M				
37	#6	96	← Qtz vein @ 50°	Intensely altered	M			M	M				120'			
38						L			I						Shear zone	
39				Mo with qtz stringers (1mm thick) @ 60°		L			M	I						
40	#6	95	Dism epy & Mo	Medium alteration	L			M	I				130'			
41							M			M	M	M		M		
42					Mo with qtz stringers	Intensely altered	L			M	I					
43	#7	84			L			M	I				140'			
44																145'
45						Medium alteration	L				M	I		M	M	

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	ZONE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEAVYITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
46	#8	98		Medium alteration	L	L		M	M	M	M			SKREENA Q.D. + slip 155'
47					M	M		I	M	L				
48					M	M		M	L	L				
49	#9	90	Mo with crystallized calcite		M		M	L	M	M			-160'	
50			fine-grained crystallized gte in frame.							M	M			
51			Mo with calcite stringers		M		M	L						
52	#9	71		shattered zone	M		M	M	M	M			-170'	
53				Brecciated with calcite stringers				I	M	L				
54			cpy + Mo with gte-serpentine stringers	lightly altered	M									
55	#10	87	minor cpy + Mo with gte stringers		L		L	L	L				-180'	
56				Dism. Mo & minor cpy		L		L	L	L				
57														
58	#10	81	minor Mo & cpy		L		L	L	L				-190'	
59														
60							L		L	L	L			
61														

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTE	K-FELSPAR	LITHOLOGY
62	#11	90		Lightly altered	L			L	L	L				SKENNA Q.D. 205'
63					L			L	L	L				
64			} minor cpy			L			L	L	L			
65	#12	88		fresh rock -	L			L		L				-210'
66					L			L		L				
67				Lightly altered with epidote-chlorite-serp stringers @ 60-70° minor dism. cpy	L				L		L			
68	#12	100			L			L	L	L				-220'
69					L			L	L	L				
70						L			L	L	L			
71	#12	91		Medium alteration	L			L	L	L			-230'	
72			} dism. cpy		M			L	L	M	M			
73			} dism. cpy + Qtz vein @ 60°	} Oxidized Oxidized	M			L	M	L	L			
74	#13	98		Lightly altered	M					M	M		-240'	
75			} As & cpy in fmsc.	Lightly altered	L			L	L	L				
76			} minor cpy	Medium alteration	M			L	M	M	M			

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HELVETINE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	X-FELDSPAR	LITHOLOGY	
77	#13			Medium alteration	M			L	M	M	M			SKEENA Q.D.	
78		88	Minor Mn.		M					M	M				255'
79					M			L	M	M	L				260'
80	#14				M			L	M	M	L			BETHSaida dyke (D) G.D.	
81		94			M			L	M	M					
82					L										
83				Lightly altered - fish lock	L			L	L						
84		98		Medium alteration	L			L	L	M	M				
85	#15			Lightly altered - minor cpy	L			L	L	M	M				
86					L			L	L					280'	
87		83		Medium alteration	M			L	L						
88					M			L	L						
89	#16				M			L	L					290'	
90		98		Lightly altered	L			L	L					295'	
91			minor cpy	Medium alteration	L			L	L						
					M			L	L						

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-355

HIGHMONT SURVEY GRID

NORTH: 77,211.17 AZIMUTH: 180° 0' 0"

EAST: 108,072.87 INCLINATION: -45°

COLLAR ELEVATION: 5201.80 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMIMITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
1	NO CORE													5'
2														
3														10'
4														
5														
6														
7	39			Medium alteration	L				L	L	M			SKRNA Q.D.
8					L				L	L	M			
9	64													30'
10					L				L	L	M			
11			Dism. Bo with mafic											
12	32				L				L	M	M			40'
13			Frac. oxidized. Cpy dism. as well as in frac.											
14	32				L				L	M				45'
15			Shattered zone; most of rock chips oxidized. Malachite stain											

ABBREVIATIONS BO Biotite // parallel I INTENSE G.D. GRANODIORITE

SCALE: 1 CM = 1 METER

CPY CHALCOPYRITE. FRAC. FRACTURE M MEDIUM

CC CHALCOCLITE. DISM. DISSEMINATED L Light

MO MALACHITE Q.D. QUARTZ DIORITE

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
16				Medium alteration	L	L	L	L	M	M				SKEENA Q.D.
17		14		Intensely altered										55'
18	#2		Bo with qtz stringers		L		M	I	L					FAULT ZONE (?) - seemed to be precipitated -60'
19			Bo, cpy & Mo with qtz vein // core. Bo in frags. Cpy & py dism. Mo as fine stringers in vein		L		M	I						
20		64		Medium alteration - with frags oxidized.										
21			minor dism. Mo with qtz-calcite stringers @ 20°-40°		M	M		L	M	M				
22			Bo & cpy with qtz stringers (4/1') @ 20°-40°		M	M		L	M	M				-70'
23	#3	86	Dism. Bo & cpy with qtz stringers @ 30°											
24			Dism. cpy & Bo		M	M		L	M	M				
25			Bo, cpy & Mo. in frags @ 40° minor dism. cpy & Mo minor cpy & py		M			L	M	M				-80'
26		78	calcite stringers @ 40°		M	L		L	M	L				
27					M	L		M	M	L				
28	#4				M	L		M	M	L				-90'
29		62												
30				strongly oxidized. Medium alteration - minor oxidation	M	L		M	M	L				95'

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
31	#4			} strongly oxidized. Lightly altered.		M								SKEENA Q. D.
32		83			L			L	L	L				
33					L			L	L	L				110'
34	#5				L			L	L	L				
35		95												
36			} minor Bo & cpy with frags.		L			L	L	L				
37				Medium alteration										120'
38		89			L	M		M	M	L				
39	#6		← Qtz vein				M					M		
40					M	M		M	M	M				130'
41		48	} Dism. Bo & Bo in frags											
42			} Minor cpy with calcite veinlets		M	L		M	M	M				
43			} Dism. cpy & py	← Intensely altered - kaolinized					I					140'
44	#7		} minor dism. cpy	Medium alteration										
44			← Dism. cpy		L	L		M	M	M	M			
45		73	} Mo frac. (3mm thick)											145'
45					M	L		M	M	M	M			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
46	#7	68		Medium alteration	M	L	M	M	M	M				SKEENA Q.D
47														
48					L	M	L	M	M					155'
49	#8	82			L	M	L	M	L					160'
50						L	M	L	M	L				
51							L	M	L	M	L			
52	#9	98	← Mo in qtz stringer @ 60° ← Mo in qtz stringers @ 10° & 20° ← Mo & Bb in qtz veinlet @ 70° ← Mo in qtz veinlets @ 60° & 90° Dism. Bb. on both sides of veinlets		L	M	M	L	M	L				170'
53														
54			← Dism. Mo.	Lightly altered	M	M	M	L	M	L				← Slip
55														180'
56	#10	83	← Bb & opy in frags.		L		M	L	L	L				
57						I			L	L	L			
58					L			M	L	L				190'
59					L			M	L	L				
60														195'
61					L			M	L	L				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
62	#10			Lightly altered	L			M	L	L				SKEENA Q.D.
63		76				L								
64			Mo in qtz vein // to the core	Medium - intense alteration	L	L		L	M	L	L			210'
65	#11				L	M	M	M	M	L				220'
66		66	network of qtz veinlets. No preference direction		L	M	M	M	M	L				
67					L	M	M	M	M	L				230'
68			← Mo in qtz vein	Lightly altered	L	L	L	I	L	L				
69					L	L	L	L	L	L				240'
70	#12				L	L	L	L	L	L				
71				Medium alteration	M	L	L	M	L	M	M			245'
72		68	Mo in fractures of qtz vein ← No coating in fractures of qtz vein	Intensely altered	L	L	L	M	I	L				
73					L	L	L	L	L	L				245'
74	#13				L	L		I	L	L				
75		73	← Qtz vein with calcite coating in frags	Lightly altered	L	M		L	L	L				
76					L	M		L	L	L				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
77	#13	94		Lightly altered											
78				Fresh rock	L			L	L	L					BETHSAIDA G.D. 255'
79				Lightly altered	L				L	L	L				SKEENA G.D.
80	#14	68	← Qtz vein @ 60° } Mo in frags of Qtz-calcite veinlets		L			M	L	L				-260'	
81					L										→ Slip zone
82				← Qtz vein with Mo. @ 40°		L			M	L	L			L	→ Slip zone
83	94		cpy & py with Qtz-sericite stringers minor Mo.	Medium alteration	L			M	L	L				-270'	
84					L			M	L	M	M				
85					L			M	L	M	M				
86	#15	82	calcite stringers & hematite stain over the section	Intensely altered	L	I		I	M	L				-280'	
87						L	I		I	M	L				
88					minor py & cpy in frags.	Lightly altered				L	L				
89	#16	83	← Qtz veinlet		M			L	L	L				-290'	
90						M			L	L	L				← Shear zone @ 40° 295'
91						M			L	L	L				

SCALE: 1 CM = 1 METER

I - INTENSE
M - MEDIUM
L - LIGHTLOGGED BY: L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE 179-356

HIGHMONT SURVEY GRID

NORTH: 77,670.26 AZIMUTH: 180° 00' 00"

EAST: 108,064.66 INCLINATION: -45°

COLLAR ELEVATION: 5188.88 LENGTH: 91.4 meter

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY		
1	NO CORE													5'		
2																
3																
4	#1	34												FLOATS(?) - highly fractured core		
5																
6																
7	#1	92	Qtz stringers	Intensely altered				L	I					SKEENA Q.D. - oxidized frags		
8										L	I					
9																
10	#2	88	Hematite frags @ 70°-80° plus Qtz stringers			I		M	I					FAULT ZONE (?)		
11																
12									I		M	I				
13	#2	91	Mo(?) with slips Mo 2-cpy minor Bo	crystallized white calcite stringers @ 70°-90°				I	I							
14																
15					#3	minor Mo	calcite veinlets & stringers @ 50°				I	I				

ABBREVIATIONS

BO BOHRITE II PARALLEL I INTENSE G.D. GRANODIORITE
 CPY CHALCOPYRITE FRAG. FRACTURE M MEDIUM Q.D. QUARTZ DIORITE
 CC CHALCOCITE DISM. DISSEMINATED L LIGHT M
 MO MOYANITE Q.D.

SCALE: 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	QUARTZ	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
16	#3	84		Intensely altered				I	I					FAULT (?) ZONE	
17				calcite veinlets & stringers @ 50°. Some displacement by veinlets by frac.											55'
18										I	I				
19	#4	92	minor cpy & Mo dism.	Calcite stringers plus few qtz stringers mainly calcite stringers				I	I					-60'	
20			minor cpy with qtz veinlet @ 60°												
21			cpy with qtz veinlets							I	I				
22	#4	95	Mo & Hematite with qtz stringer	Calcite stringers, hematite frac plus few qtz stringer. Minor Mo.		I		I	I					-70'	
23															
24			qtz stringers with hematite frac.				I		I	I					
25	#5	88		Reddish-white core with dense calcite stringers				M	I					SKEENA Q.D.	
26				Lightly altered		L		L	L	L					
27							L		L	L	L				
28	#5	93		Medium alteration	L		L	L	L					-90'	
29						M		M	M	M	M				
30				cpy & Mo with frac.			M		M	M	M	M			

SCALE 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	MICHAELITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY			
31	#6	76	Qtz stringers. Cpy, Bo & Mo with these stringers	Medium alteration	M				M	M	M			SKEENA Q.D.			
32				finely dism. cpy	Intensely altered											105'	
33											M	I					
34	#6	85	cpy with qtz stringer minor cpy with frags Mo & cpy with frags. Qtz stringers @ 70°											Shear zone @ 40°			
35											M	I					
36												M	I				
37	#7	92	Bo & cpy with frac Bo & cpy with frags Bo & cpy with frags	Dis. sericite. Calcite stringers @ 40°-60° Lightly altered Medium alteration													
38																	
39									L				L	L	L		
40	#8	98	Bo & cpy with frags minor cpy & Mo	Lightly altered	M					M	M	M					
41								L					L	L	L		
42									L					L	L	L	
43	#8	80															
44													L	L	L		
45								Highly fractured	L					L	L	L	

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTE	K-FELDSPAR	LITHOLOGY
46	#8			Lightly altered; Medium alteration	L			L L L						SKEENA Q.D.
47			← Qtz stringer @ 40' ← Qtz stringer @ 50'		M			M M M						
48		92	← hematite coating with Qtz stringer @ 50'											155'
49	#9				M			M M M						160'
50		80		Intensely altered with hematite frags	M			M I						
51			} Qtz stringers		M			M I						
52				Intensely altered	M			M M M						170'
53								M I						
54	#10							M I						
55														180'
56								M I						
57		87		} shattered zone										← shear zone
58				} Rock soft & crumble				M I						
59	#11													190'
60		71		Discon epy with Qtz stringers				M M M						
61								M M M						195'

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
62	#11		Mo with qtz stringers @ 50'	Intensely altered			M	M	M					SKEENA Q.D. 205'
63		88	Mo stringer plus Mo with qtz stringers					M	I					
64			Disin epy Mo with silica. Minor epy				M	L	I					
65	#12		Bo & epy with frac	Lightly altered			M	L	L	M				-220'
66		95					M	L	L	M				
67			Mo stringer with qtz stringers // core	Intensely altered				M	I					-220'
68			Disin epy plus Mo with qtz stringers	Intense - medium alteration	M			M	M	M				-230'
69	#13				M			M	M	M				
70														
71			Disin py. and Mo with frac minor py with frac. // calcite stringers @ 40'		M			M	I	M				} Shear zone -240'
72		88			M			M	M	M				
73				Medium alteration - OXIDIZED FRACTURES	M			M	M	M				
74	#14				M			M	M	M				-245'
75		90			M			M	M	M				
76					M			M	M	M				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HELMITITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
77	#14	96	} B ₂ & cpy with frac & stringers ← Qtz - calcite stringer @ 70°	Medium alteration	M			H	M	M				SKEENA Q. D. 255'
78					M			H	M	M				
79					M			M	M	M	M			
80	#15	88	} minor cpy	Lightly altered Medium alteration	L			L	L	L				260'
81					M			M	M	M				
82					M			M	M	M				
83	#16	93	} highly fractured core ← minor Mo	Lightly altered	M			M	M	M	M			270'
84					L			L	L	L				
85					L			L	L	L				
86	#17	75	} minor cpy with fraes	Medium alteration	L			L	L	L				280'
87					L			L	L	L				
88					L			L	L	L				
89	#17	98	} minor cpy with fraes	Medium alteration	L			L	L	L				290'
90					L			L	L	L				
91					M			M	M	M	M			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79 - 357

HIGHMONT SURVEY GRID

NORTH: 77,671.82 AZIMUTH: 180° - 00' 00"

EAST: 107,867.64 INCLINATION: -45°

COLLAR ELEVATION: 5192.17 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE RECOVERY	MINERALIZATION	ALTERATION	Epidote	PREMITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY
1	NO CORE													5'
2														
3														10'
4														
5	#1	75												OXIDIZED ZONE
6		91	cpy & Bo with frags Bo in patches	Medium alteration	M				M	M	M			SKEENA Q. D.
7				Intensely altered	M				M	M	M	M		
8		91	Bo & cpy with frags	Medium alteration	M				M	M	M			
9	#1	82	Minor Bo & Mo Mo stringers with frac. Dism Bo & cpy. Qtz stringers @ 30"	K-felspar (?)	M				M	M	M		L	30'
10				Intensely altered					M	I				
11			82							M	I			
12	#2	94	fine qtz-calcite stringers over core						M	I				40'
13				Medium-light alteration	M				M	M	M	M		
14			94			M				M	M	M		
15					M				M	M	M			

ABBREVIATIONS

BO BOYRITE // PARALLEL I INTENSE G.D. GRANADITE
 CPY CHALCOPYRITE, FRAC. FRACTURE M MEDIUM Q.D. QUARTZ DIAGEN
 CC CHALCOCITE, DISM. DISSEMINATED L Light

SCALE 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CHALCOPYRITE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
16	#3	91	} fine gr. stringers @ 50° } Mo with gr. stringers @ 50°	Medium-Light alteration	M			M	M	M				SKEENA G.O. 55'	
17				Medium alteration	M			M	M	M	M				
18					M			M	M	M	M				
19	#4	92	} cpy & Mo with frac @ 20° } crystallized py } Mo (?) stringer @ 30°. Patches of Bo & cpy } Dism. cpy & Bo	Intensely altered				I	I						
20									M	I	M				
21				Medium alteration				M	M	M					-70'
22	#4	88	} minor cpy & Mo with stringers @ 45° } Mo (?) stringers @ 45°. Dism cpy & Bo					M	M	M					
23				Lightly altered				M							
24					L			M	M	M					-80'
25	#5	94	} Bo & cpy dism		L			M	M	M					
26					L			L	L	L					
27								L	I						-90'
28	#5	95	} Bo & cpy with frac & dism Mo } frags @ 45° } minor cpy & Mo with frac @ 45°	Medium alteration	M			M	M	M					
29				Lightly altered Intensely altered				L	L	L					95'
30								M	I						

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SULFIDE	CHROMITE	CLAY	CHLORITE	BIOTITE	SERICITE	K FELSPAR	LITHOLOGY
31	#5			Medium alteration	M			M	M	M	M			SKEENA Q. D.
32		95		Medium-Light alteration										
33					M			M	L	M	L			110'
34	#6				M			M	L	M	L			
35		82		Lightly altered Medium alteration	M			M	M	M	M			
36				Lightly altered				L	L	L				120'
37				Medium alteration	M			M	M	M	M			
38		65			M			M	M	M	M			
39	#7				M			M	M	M	M			130'
40			} minor Mo with calcite stringers		M			M	M	M	M			
41		81			M			M	M	M	M			
42					M			M	M	M	M			
43														140'
44	#8	94			M			M	M	M	M			
45			} minor cpy with fracs 30ism Mo with gts veins (ben thick)		M			M	M	M	M			145'

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

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DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEAVY METALS	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
46	#8	88	← Qtz vein (4.5 cm thick) with dism. B ₂ & cpy	Medium alteration	M		M	M	M	M				SKEENA Q.D.	
47				Medium - intense alteration	M		M	M	M						
48				Medium alteration	M			M	M						
49	#9	83		Medium - intense alteration	M		M	M	M					-160'	
50				Intensely altered	L		I	I	L						
51									I	I					
52	#10	69			M		M	M	M	M				-170'	
53								M	I						} FAULT ZONE (?)
54									M	I					
55	#10	100	Minor cpy with calcite stringers @ 50°-60° Few qtz stringers		M		I	I						-180'	
56									I	I	M				} Oxidized zone
57									I	I	M				
58	#11	79	cpy stringers @ 30°-40° with qtz-sericite veinlets minor dism. cpy with calcite qtz stringers minor cpy with qtz stringers	Highly fractured			M	I			M			-190'	
59									M	I					195'
60									M	I					
61							I								

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CALCITE	BARITE	SERPENTINE	K-FELDSPAR	LITHOLOGY	
62	#11	97	minor dism cpy	Intensely altered					L L M					SREENA G. D. Shear zone(?)	
63	cpy & Bo stringers @ 100		lightly altered					L I					Shear zone @ 20° 205'		
64			Bo & cpy dism. Mo with slips // qtz stringer @ 10°-15°	Highly fractured	M				L I						-210'
65	#12	97	minor cpy	Medium alteration	M				M M M						
66			fine-grained cpy with qtz stringers as well as dism. stringers @ 40°	Intensely altered					M I L						
67			minor dism cpy	Medium alteration	M				M M M M						-220'
68	#13	92	Epidote-serp-calcite stringers @ 50°-60°. Dism. cpy with these stringers	calcite stringers. No mineralization.	M				M M M M						
69			Bo & cpy with qtz stringers & fracs @ 50°	Medium-intense alteration	M				M M M M						
70			minor cpy with epidote-calcite- serp fracs @ 60°-80°		M					M I M					
71		minor dism cpy & Bo with serp. fracs @ 60°	← Qtz vein (3cm thick)	M				M I M						← Bethesda G. D. (?) narrow dyke 230'	
72		minor cpy dism. on epidote- calcite-serp fracs @ 80°	lightly altered	L				L L L						BETHSAIDA G. D. dyke (?) @ 45°-60°	
73		Bo & cpy	Medium alteration	M				L L L							
74	#14	95	Dism cpy with qtz vein (4.5cm thick) // core	Intensely altered					M I					-240'	
75			Mo stringers in two sets @ 40° & @ 50°. Set of stringers @ 40° displaced by set of stringers @ 50°.	Qtz stringers @ 40°.	M				M M M						245'
76			cpy & Bo with qtz stringers @ 68° Bo dism. with frac sets @ 40° & 50°	cpy & Bo with qtz stringers @ 70° some Mo.	lightly altered	M				M M M					BETHSAIDA G. D. dyke (?)

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
77	#14	92	cpy stringers // core	Medium alteration	M			M	M	M	M			SKEENA G.O.	
78			py & cpy with fracs	Lightly altered	L			L	L	L				BETHSAIDA G.O. dyke(?) 255'	
79			Dism. cpy & py and cpy & py stringers @ 50°-70°	cpy stringers @ 70° mostly Dism. cpy & py replaced mafic	L				L	L	L				
80			L					L	L	L				260'	
81	#15	89	crystallized calcite vein // core	Highly fractured	L			L	L	L					
82			minor cpy with fracs // core		L				M	L	L				
83	#15	85	py & cpy stringers	Medium alteration	L			M	L	L					
84			py & cpy (minor) cpy & py stringers with qtz stringers // core.		L				L	L	L				
85			minor cpy with fracs & qtz stringers		M					M	M	M	M		
86	#16	100	minor py & cpy with fracs @ 80°	Highly altered zone - feldspar have apple green color. Lightly altered	L			L	L	L					
87										L	L	L			Shear zone.
88			py stringers							L	L	L			
89	#17	88		Medium alteration	M			M	M	M	M			290'	
90				Lightly altered	L				L	L	M				295'
91			minor cpy with frac @ 50°	Medium alteration	M				M	M	M	M			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-358

HIGHMONT SURVEY GRID

NORTH: 77,238.56 AZIMUTH: 180°-0'-0"

EAST: 107,592.02 INCLINATION: -45°

COLLAR ELEVATION: 5222.96 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang

DEPTH IN METERS	BOX NO.	% CORE RECOVERED	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY		
1	#1	NO CORE												5'		
2																
3						Intensely altered - kaolinized.									SKEENA Q. D.	
4	#2	52	minor py dism.	Oxidized frags.										FAULT (?) ZONE		
5																
6	#2	67	Mo(?) with slip	Medium alteration										Slip		
7																
8																
9	#2	59	minor fine-grained Mo in qtz & calcite stringers	Intensely altered with calcite stringers Medium alteration										-30'		
10																
11																
12	#3	85	Epidote - qtz vein	Medium alteration										-40'		
13																
14																
15			fine-grained Mo with qtz stringers & slips 5mm wide Mo slip with shear zone qtz-calcite veins @ 60° Mo with qtz & calcite stringers @ 40°											45'		

ABBREVIATIONS

BO Biotite

|| PARALLEL

I INTENSE

G.D. GRANODIORITE

SCALE: 1 CM = 1 METER

CPY CHALCOPYRITE, FRAC. FRACTURE

M MEDIUM

Q.D. QUARTZ DIORITE

Cc CHALCOHITE, DISM. DISSEMINATED

L LIGHT

LOGGED BY L. TSANG

MO MOXENITE A AT

Mx MAMMILLITE

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
16	#3	91	← Mo & minor cpy with qtz veinlet @ 50° & 40° (5mm thick)	Medium alteration	M									SKEENA Q.D.		
17			← Dism. cpy in qtz stringer @ 20°		L			L	L	M	M					55'
18			← Dism. Mo in qtz stringer @ 80°													
19	#4	86	← Mo flakes in qtz veinlet @ 40° & 50°	Medium alteration	M									60'		
20			← Mo with qtz stringer @ 50°		M				M	M	M	M				← Shear zone
21			← Mo in frac. @ 40°		M					M	M	M	M			
22			← fine grained Mo on frac.; Dism.		M						M	M	M		M	
23	← Dism. Mo on fracture @ 80°															
24	#5	79	← minor Mo in frac.	Intensely altered										80'		
25			← Dism. cpy on frac. & in qtz veinlets @ 60° & 80°		M					M	M					
26			← minor Mo													
27	#6	74	← Two Mo stringers @ 50°	Medium alteration	I									90'		
28			← Dism. Bo & cpy in patches													← Mo in 11 frac. @ 60°
29			← Bo & cpy in qtz vein @ 20°		I											
30			← Dism. Bo, cpy & Mo (minor) in rock mass as well as in frac.	Qtz vein	I									95'		
			← Mo in qtz frac.	Medium alteration	I											
			← Mo in 11 frac. @ 60°													
			← Dism. Mo & Mo in frac (only minor amount)		I											

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
31	#6	83	} Mo in frac of qtz vein @ 55° ← Mo in qtz stringer @ 50° } Mo stringers	Medium-intense alteration	I		L	L	M					SKEENA Q.D.		
32																105'
33									I		L	M	M			
34	#7	83	TWO SETS OF QTZ VEINLETS 20° & 60°. Mo. associated with these veinlets. Minor cpy in qtz veinlet @ 34 m., disim cpy.		I		M	M	I					← Slip @ 60°		
35																
36									I		M	I	M			
37	#8	88	← barren qtz veinlet @ 70° ← Mo in frac. @ 50°	Medium alteration	I		M	I	M					← Shear zone with qtz veins ← Shear zone		
38																
39									I		L					
40	#8	83	← Ba in frac @ 50° ← Mo in frac @ 40° ← minor Ba & cpy in frac. ← Mo in frac. @ 80°		M			L	M	M	M			← Slip @ 20° ← Slip @ 50°		
41																
42									M		L	M	I		M	M
43	#9	81	← Mo(?) with qtz stringer @ 40° ← Ba & cpy in // frac @ 50°		L			M	I	M	M			140'		
44																
45									M		L	L	M		M	

SCALE : 1 CM = 1 METER

I INTENSE
 M MEDIUM
 L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
46	#9		← Bo (dism.) in frac. @ 70°	Light-Medium alteration										SKEENA Q.D.
47		94	← minor Bu with qtz stringer @ 70°	← Qtz stringer (3mm thick) @ 50°	M			L	L					
48				← Aplite with calcite in frac.										
49			← Bo in frac. @ 80°-90°		M			M	M	M	M			160'
50	#10		← Bo in frac. @ 50°	Lightly altered	L			L	L	M	M			
51		100	} minor Bo & cpy. dism.											
52			← Dism. cpy in frac. @ 30°		L			L	L					
53			← Dism. cpy in frac. @ 80°	Medium alteration										170'
54				← Aplite in patches.	M			L	L	M	M			
55	#11													180'
56			← Bo & cpy (minor) in frac // core		M			L	L	M	M			
57		83						M						
58			} Mo stringer & cpy in qtz & calcite		M			L	L	M	M			190'
59			} stringers // core.											
60	#12		} Mo, cpy & Bo dism. in frac // core		M			M	L	M	M			195'
61		92		Lightly altered.										← Shear zone
					L			M	M					

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
62	#12		← Bo stringer @ 70°	Lightly altered	L			L	L	L				SKEENA Q.D.
63		99	← epy with qtz stringer @ 70° (4mm thick)											
64			← Md(?) frac @ 70° & 60°		L			L	L	L				-210'
65			← Dism. Bo on frac @ 70°		L			L	L	L				
66	#13	98	← minor Bo on frac @ 70°											
67			← minor Bo in frac @ 70°		L			L	L	L				
68			← minor Bo in frac	Medium alteration										-220'
69		85	← Dism. Mo(?) in qtz vein (1cm thick) @ 70°		M			L	M	M	M	M		
70			← Dism. Mo(?)	Lightly altered										
71	#14		← minor Mo with calcite stringer @ 60°		L			L	L	L				-230'
72		93	← minor Bo in frac @ 60°		L			L	L	L				
73			← fine grained Mo(?) on qtz veinlet // core		L			L	L	L				
74			← calcite stringer @ 60°	Fresh rock										-240'
75	#15	92	← Bo in qtz veinlet // core	Lightly altered	L			M	L	L				BRAWED MOUNTAIN PORPHYRIES(?) c: light greenish grey matrix: fine grained, to crystalline (mainly qtz & feldspar rich) Perilitic green hornblende.
76			← Qtz stringer // core		L			M	L	L				245' SKEENA Q.D.

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY			
77	#15	86	Qtz vein	Lightly alteration	M		L	I	M					SKEENA Q. D. Shear zone with Qtz vein + stringers			
78																255'	
79					Mo & cpy with Qtz stringer // core	M		L	L	M	L						
80	#16	97	Qtz stringers @ 70° Dism. cpy in frac. // core	Medium alteration	M									SKEENA G. D.			
81					Dism. cpy & Bo on frac. // core	I		L	M	M	M						
82					Dism. cpy with Qtz stringers @ 70° Aplite Dism. cpy with mafic & Mo(?) with Qtz stringers // core	M		L	M	M	M	M					
83					Bo & cpy with Qtz stringers // core (dism.)	Intensely altered Kaoilized frac // core	M		L	M	I	M	M				
84							L	M	L	L							
85			Qtz-sericite (?) - Mo(?) vein & stringers		L		M	L	I	L	L			Shattered zone			
86	#17	85	Qtz vein (greyish color)		M		L	L	I	M	M				280'		
87																	
88					Qtz vein		M		L	L	I	M	M				
89	#18	98	Qtz veinlet	Medium alteration										SKEENA Q. D.			
90					cpy + Bo on frac // core minor cpy + Bo with mafic	M			L	L	M	M					
91					Bo & cpy on frac. @ 60° Mo(?) with Qtz stringers @ 50° & 80°	M			L	L	M	M					295'

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-359

HIGHMONT SURVEY GRID

NORTH: 77,249.02 AZIMUTH: 185° 09' 36"

EAST: 107,403.59 INCLINATION: -46°

COLLAR ELEVATION: 5229.44 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: L. H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMIMITE	SILICA	CARBONAT	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY
1	NO CORE													5'
2														
3														
4														
5	75	75	Qtz vein with epidote veinlets @ 50°	Medium alteration	M		M	M	M	M				SKEENA Q.D.
6			ROCK OXIDIZED											
7	84	84	Epidote veinlets @ 40°		M		M	M	M	M				
8														
9	65	65	Qtz vein with epidote veinlets		M		M	M	M	M				
10			Qtz vein											
11	81	81			M		M	M						Shear zone
12														
13	81	81	← cpy & Bo (minor) with mafic		I		M	M						← Slip @ 40°
14														
15	83	83	Dis. cpy in calcite veinlets // core		I		M	M						

ABBREVIATIONS

SCALE 1 CM = 1 METER

BO BOHRITE I1 PARALLEL I INTENSE G.D. GRANODIORITE
 CPY CHALCOPYRITE, FRAC. FRACTURE M MEDIUM Q.D. QUARTZ DIORITE
 CL CHALCOCITE, DISM. DISSEMINATED L Light Mz. MONTICHITE
 MO MOLYBDENITE D AT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
16	#3	95	Mo(?) in qtz stringer @ 30°	Intensely altered	M	L	M	M	M			M		← Shear zone @ 20° SKEENA Q.D. 55'	
17								I	I			M			
18						Medium alteration	M	L	M	L	M	M			
19	#4	78			M	M	M	L	M	M				} Highly fractured zone 60'	
20				← Epidote veins @ 50°											
21				← Mo in qtz veinlet @ 20°	Intensely altered			M	L	I	M	M			
22		← Dissem. cpy on frac. @ 60°				M	L	I					} Qtz veins @ 30° with gangy material 80'		
23		← Two calcite stringers @ 40° & 50°	Medium alteration	I			M	M							
24					M		M	M							
25	#5	93	minor cpy with qtz stringers @ 70°											} minor cpy with qtz stringers @ 70° 80'	
26				Bo & cpy in fractures @ 70°-80°		M			L	L	M				
27	#6	85			M			M	M					} Shear zone } Shear zone 90'	
28				← minor Mo, cpy & Bo with frac.					M	L					
29				← Bo with qtz vein @ 70°			M			M	L				
30			← Bo, cpy & hematite in frac. @ 70°					L						95'	
			← minor Bo in frac.	Intensely altered	I			M	M		M				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
31	#6	78	← Bo (?) diam. on frac.	Medium alteration	M	L		L	M					SKEENA Q. D. 105'	
32			← Mo (?) on frac. @ 70°												
33			} Hematite in frac. ← // calcite stringers @ 40°			M	M		L	M					
34	#7	78	} Mo coating on frac. along with qtz vein	Intensely altered	M	L	L	M	M					} Shear zone with qtz stringers @ 70° 110'	
35			← Mo (?) with qtz veinlet @ 60° ← qtz veinlet // core (minor Bo) ← Mo with qtz stringer @ 80°						I	M					
36			← Mo with calcite stringer @ 80°	Medium alteration	M	M			M	M					
37	#7	91	← calcite stringer @ 20°										120'		
38			← calcite stringer @ 30°		M	L		M	M						
39	#8	76	← calcite stringer @ 20°										130'		
40			← Minor Bo ← Mo (?) minor amount. ← calcite coating on slip		M			I	M	M					
41															
42	#8	76			M		I	L	M	M			140'		
43			} Bo & cpy in frags // core												
44	#9	98	← minor Bo on frac. // core ← qtz veinlet // core	Lightly altered.	M	L		M	L	M	M		145'		
45			← minor Bo in frac. // core	Intensely altered.			L		L	M	L				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY	
46	#9	98	← Qtz veinlet // core	Lightly altered.	L			L	L	L				SKEENA Q.D.	
47															155'
48				← Intensely bleached		L	M	L		L	I	L			
49	#10	92	Bo & cpy in frac. @ 70°-80° & disseminated along frac.	Lightly altered	L	M		L	L	L			160'		
50				← Calcite stringer @ 20°	Medium alteration				M	M	M				
51				Hematite stain on fracture // core		M	M		M	M	M				
52	#10	88		Lightly altered	L			L	L				170'		
53				← minor cpy with aplite (3mm thick) @ 60°	Medium alteration	M			L	M					
54				← Bo on frac. // core		M			L	M	M				
55	#11	100	← Dism. cpy on frac @ 70°		M			M	M	M			180'		
56				← Qtz stringer @ 50°	Lightly altered ← Medium alteration	L			L	L	L				← Aplite (4mm thick) @ 50°
57				← Qtz veinlet @ 50° minor cpy in frac.	Medium alteration	M			M	M					
58	#11	88	← Qtz veinlet @ 80°										190'		
59				← minor dism. cpy											
60				← cpy in frac & qtz stringer @ 70°		M			M	M					
61	#12		← minor cpy & Bo with qtz stringers @ 70°	Lightly altered	L			M	L				195'		

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY			
62	#12	68	} Dism. cpy & Bo on frac // core } Mo coating with calcite stringers	Medium alteration	M			M	M	M	M			SKEENA Q. D.			
63																205'	
64											M	M	L				210'
65	#13	81	} minor cpy & Mo coating on calcite frac // core } Bo on frac // core	} Intensely altered } Medium - light alteration // Qtz & calcite stringers @ 20°	M			M	I	L							
66											M			M			
67									M		M	L	M				220'
68	#14	86	} Mo(?) with Qtz stringers @ 60° } Bo on frac // core	Fresh rock	M			M	L	L			M				
69																BETHSAIDA G.D. - a dyke(?)	
70									L		L	L					230'
71	#15	96	} Dism. Bo & cpy on frac // core } Medium alteration } Lightly altered	Lightly altered	L			L	L	L				SKEENA Q. D.			
72								M			M	M	M	M			
73									L		L	L	M				240'
74	#15	87			L			L	L	M							
75																	245'
76									L		L	L	L				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
77	#15	95	← Bo on frac // core	lightly altered	L				L	M				SKEENA Q.D. 255'	
78			} Bo & cpy on fractures // core		L				L	M					260'
79						L				L	M				
80	#16	94	} Bo & cpy in fractures @ 70°		L				L	M				270'	
81					L				L	M	M				280'
82						L				L	M	M			
83	#16	98	} Aplite @ 70° (15cm thick)		L				M	M				280'	
84			} Bo in fracture		L				L	L	M				280'
85						L				L	L	M			
86	#17	83	← Qtz veinlet // core		L				L	L	M			290'	
87			} Aplite @ 45°		L				L	L	M				290'
88						M				L	L	M			
89	#17	67	← Bo on frac. // core		M				M	L	M	M		295'	
90			} Calcite coating in frac. // core			M				M	L	M	M		
91							M				L	L	M		M
			← Qtz stringer @ 40°	Medium alteration											
			} minor Mo, cpy & py in Qtz vein												

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 70-360

HIGHMONT SURVEY GRID

NORTH: 77,387.39 AZIMUTH: 177° 8' 28"

EAST: 107,400.51 INCLINATION: -46°

COLLAR ELEVATION: 5,228.36 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERED	MINERALIZATION	ALTERATION	EPIDOTE	HEMIMPH	SILICA	CHALCOPY	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPH	LITHOLOGY
1	NO CORE													
2														5'
3														
4														
5														
6														
7	#1	63	← dism. Bo in qtz stringer @ 50° ← dis. stringer @ 70° ← dism. Bo & Cal(?) with qtz stringer @ 60° ← Qtz veinlets @ 70° ← dism. cpy in qtz vein	Medium alteration	M	L	L	M	L					OXIDIZED ZONE -20'
8														
9	#2	68	← Qtz veinlet @ 70°		M	L	L	M	L					-30'
10														
11			← Calcite stringer @ 50°		M		L	M		I				
12			← minor cpy in qtz stringers ← Ho in frac @ 70°	← // calcite stringers @ 40°										} Kaolinized
13					M		L	M	M					-40'
14			← Ho in frac @ 70°											
15			← Ca(?) & cpy in qtz vein // core ← Kaolinized frac // core		M		L	M	M					45'

ABBREVIATIONS

BO Biotite
 CPY CHALCOPYRITE
 Cc CHALCOCITE
 Ho Hemimorphite
 // PARALLEL
 FRAC. FRACTURE
 DISM. DISSEMINATED

I INTENSE
 M MEDIUM
 L LIGHT

G.D. GRANODIORITE
 Q.D. QUARTZ DIORITE

SCALE: 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CONE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	QUARTZ	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
16	#2	73	← Qtz vein	Medium alteration	M		L	M	M					← Slip @ 50°
17			← Dism. cpy											← Slip @ 60°
18			← Qtz veinlet @ 50°		M			M	L					55°
19	#3	84	← No coning on frac		M			M	L					← 60°
20			← Co. & Bc dism. in gte veinlet @ 70° & 40°											
21			← Dism. cpy, Bc & Ca with mafic											
22			← Dism. py	← Qtz veinlets @ 60°	M		L		I					70°
23	#4	91	← Dism. hematite	Intensely altered	M	L	L	M	M					← Slip @ 50°
24			← Dism. cpy in frac @ 50 plus dism. py											← Qtz veinlet @ 40°
25			← Dism. cpy & py in gte stringer @ 50° & 70°	← Qtz veinlet @ 70°	M	L	L	I	I					80°
26	#4	81	← Dism. Bc, Ca & cpy & in frac network	Medium alteration	M	L	L	M	M					← Slip @ 60°
27			← minor cpy in gte veinlet @ 70°											
28			← cpy in gte stringer @ 50°		M	L	L	M	M					90°
29	#5	83	← Ca (minor) in frac	← Qtz veinlet @ 30°	H	L	L	M	M					← Slip @ 60° & 20°
30			← Dism. cpy & Ca (minor)											
			← Dism. cpy, Mo & Ca in rock mass & frac		M	L	L	M	I					95°
			← cpy with gte stringer // core	← Qtz veinlet ← Qtz-sericite stringer	M	L	L	M	I					← Shear zone

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
31	#5	82	← Dism. cpy with qtz stringers @ 70°	← Qtz veinlet Medium alteration	M	L	M	L	M					SKENA Q. D.	
32			← Dism. tarnished Bo (L) on frac @ 70°-75°												← Slip @ 30° 105'
33			← calcite stringer				M	L	M	L	M				
34	#6	68	← minor cpy	← Qtz stringer @ 70°	M	L	L	M	M					← Slip // core 110'	
35															
36			← minor Bo				M	L	L	M	M				
37	#7	77	← Mo content on slip											← Slip @ 70° 120'	
38			← Bo & Ce dism.	← Intensely altered	M	L	L	I	I						
39			← minor Mo on slip	← Qtz veinlet			M	L	L	I	I				← Shear zone
40			← Bo on frac // core	Medium alteration	M	L			L	M	M	M			
41	#7	89	← Bo on frac @ 60°		L			L	M	M	M			130'	
42			← Bo on frac // core	Light - Medium alteration	L				L	L	L	M			
43	#8	86			L			L	L	L	M			140'	
44									L	L	L	M			
45							M			L	L	L	M		145'

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	3 CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
46	#8			Medium Alteration			L	L	L	L				SKEENA Q. D.
47		72		Intensely altered	M	L		I	I					
48						I								← Slip 155'
49					M	L		I	I					
50	#9	78	← Qtz veinlet @ 30° ← Calcite veinlet @ 60°	Highly altered - spread of calcite stringers & dism. hematite	M			I	I					← Shear zone ← Slip @ 40° ← Slip @ 30°
51			← Qtz-calcite veinlets @ 70°		L	L		I	I					
52			← Calcite veinlets @ 30° ← Calcite veinlet @ 70°											
53		75	← Ho in calcite stringer		L	I		I	I					
54	#10			Epidotized	I			L	L					
55					L	L		L	I					
56		90	← Dism. cpy & minor py in qtz-calcite vein Ho on slip. Dism. cpy	← crystallized pink calcite together with qtz vein	L			I	I					← Slip // core
57			← Ho & cpy with qtz vein @ 40° minor dism cpy	← Qtz veinlet @ 40°	M			I	M	M				
58				Medium alteration	M			M	M	M				← Slip @ 70°
59	#11	88	← minor dism cpy											
60			← Dism cpy with calcite stringer @ 90°	Intensely altered				M	M	L				195'
61			← Dism. py & minor Ho with calcite veinlet // core ← Dism. py & Ho	Qtz-calcite-sericite stringers Kalinized	M			L	M	I				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BARTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
62	#11		← Dism cpy + minor Mo ← Dism cpy ← Dism. Bu & minor cpy with frags	← Qtz vein let @ 40° ← silicified ← Medium alteration	M			M	M	L	M			SKEENA Q.D. 205'
63		88						M	M	M	M			
64					M	I	M	I	L					210'
65	#12				I	M		I	L					
66		77												
67			← Dism. Mo		I	M		I	L					220'
68					I	L		M	L					
69		80												
70	#13				M	I		I	L					} Shear zone 230'
71					M	I		I	L					
72		72												
73					L			I	L					240'
74	#14				I			M	L					
75		83						I						245'
76					L			L	L	M	M			

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	X-FELSPAR	LITHOLOGY
77	#14			Medium Alteration	L			M	L	M				SKEENA Q. D
78		100												255'
79					L			M	L	M				
80	#15													260'
81		88			L			M	L	M				
82					L			M	L	M				
83			→ B ₀ & minor C ₀ with qtz veinlets @ 80° & 60° → B ₀ on frac @ 80°		L			M	L	M				270'
84		91	→ B ₀ with qtz veinlet @ 50°		L			M	L	M				
85	#16		→ qtz veinlet @ 70° → minor disinc. B ₀ on frac.		L			M	L	M				280'
86					L			M	M	M				
87		99			L			M	M	M				
88					L			M	M	M				
89			→ minor B ₀ in // frac @ 70°		L			M	M	M				290'
90	#17	93			L			M	M	M				295'
91					M			M	M	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-361

HIGHMONT SURVEY GRID

NORTH: 77,792.82 AZIMUTH: 88° 27' 14"
EAST: 107,391.69 INCLINATION: -45°
COLLAR ELEVATION: 5,209.90 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

Louis Tsang
SIGNATURE

DEPTH IN METERS	BOX NO.	% CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY
1														
2														5'
3														10'
4														
5														
6														
7														20'
8		44		Intensely altered	M									
9	#1				M									
10					M									
11		50												
12					L									
13														40'
14	#2	37												
15														45'

ABBREVIATIONS

BO BOTITE
 CPY CHALCOPYRITE
 CL CHALCOCITE
 DISM. DISSEMINATED
 II PARALLEL
 I INTENSE
 M MEDIUM
 L LIGHT
 G.D. GRANADITE
 Q.D. QUARTZ DIORITE

SCALE 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	QUARTZ	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY		
16	#2	26		Intensely altered			L	M	I					FAULT ZONE SKEENA Q. D. 55'		
17																
18								L	M	I						
19	#3	46	← Disc. py in qtz vein @ 30° plus minor cpy	Medium alteration			L	M	I					60'		
20			← Disc. cpy & py in qtz vein @ 30° plus minor cpy													
21			← Disc. cpy & py with Mo on frac @ 40°		Intensely altered - kaolinized			L	M	I						70'
22			← Disc. cpy & py with Mo on frac		} Qtz stringers with Mo coating			L	I	I						} Highly fractured zone. ← Shear zone
23	← Mo coating on frac @ 60°															
24			← Disc. cpy + Mo	Medium alteration			L	I	I							
25		← minor cpy						L	M	M				← Shear zone		
26			← Disc. cpy in frac @ 30° & 30° Mo on frac @ 60°	Intensely altered - kaolinized.			L	I	I							
27			← Disc. cpy & Mo on frac				L	I	I					90'		
28	#4	63	← Mo on fr @ 60°	Medium alteration			L	I	I					← Shear zone @ 60°		
29			← Mo with qtz stringers @ 50° & 70°													
30			← Disc. cpy with Mo on frac				L	L	I	I						95'
			← Disc. cpy with Mo in frac @ 30°-40°		M	M	M	M								

SCALE 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
31	#4	92	Mo stringer @ 10°	Medium alteration										SKEENA Q.D.		
32			minor cpy with calcite stringer @ 50°		Qtz stringers @ 50°	M	L	L	M	L	M	M				105'
33			Disc. cpy on frags @ 30° & 11 core minor cpy		calcite stringers @ 30°											
34			Disc. Ba, cpy & Mo on frags @ 6° & 11 core		M			M	L	M	M			110'		
35	#5	84			M			M	M	M	M			120'		
36						M			M	M	M	M				
37														130'		
38	#6	78	Qtz-calcite veinlet @ 50°		M			M	M	M	M					
39			minor Ba with Qtz veinlet @ 50° minor Ba with Qtz veinlets @ 50° & 70° Qtz stringer @ 10° Qtz veinlets @ 70°			M	L	M	M	M	M					
40	#6	73												Shear Zone 11 core		
41			Ba with Qtz stringers @ 40°			M			M	M	M	M				
42			minor cpy & Ba.		M			M	M	M	M					
43														140'		
44	#7	88			M			L	L	M	M					
45							M			L	L	M	M		Shear zone @ 80° 145'	

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
46	#7			Medium alteration - medium kaolinized										SKEENA Q.D.
47					M				M	M	M			
48		69			} Qtz-calcite stringers @ 30°	M		L		M				
49	#8		← minor cpy											160'
50		76	← Bi in frac @ 70°		M				M	M				
51					M				M	M				
52	#9													170'
53		93	← minor cpy and/or gold(?) ← minor cpy in frac @ 80° ← minor disc. cpy		M				L	M	M			
54					M				L	M	M			← Slip @ 80°
55	#9													180'
56		91	← Bi in frac // core ← calcite stringer @ 70° ← minor cpy		M				M	M	M			← Slip @ 80°
57			← minor cpy + Hematite in frac // core ← minor cpy with frac. ← minor disc. cpy	} Qtz-calcite stringers @ 40°-60°	M				L	M	M			} Shear zone // core ← Slip @ 80°
58	#10													190'
59		81	← Bi with calcite stringer @ 65°		M				M	M	M			← Slip @ 80°
60					M				M	L				195'
61			← Qtz stringer @ 30°											← Slip @ 70°

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
62	#10		minor disc. py & cpy	Intensely altered - kaolinized				M	I					SKEENA Q.D.
63		48	Mo with gtz veined @ 60°	} Qz stringers @ 50°-60°			L							205'
64			Mo(?) with fault zone					L	I					FAULT ZONE (?)
65	#11		Mo(?) with fault zone	Medium alteration + Qz stringer @ 30°				L	I					FAULT ZONE (?)
66		68	minor cpy in frac					L		M				
67			cpy & Bo on fracs @ 50°		M			L	I					slip // core
68			cpy with fracs @ 70° & // core	Lightly altered	M			L	L					
69		91	minor cpy in frac @ 40°-50°					L						
70	#12		cpy with gtz stringer @ 80° cpy with fracs // core Qtz veined with cpy & Bo stringers			L			L	M				
71			minor cpy with frac // core	Medium alteration					I					
72		79	cpy with frac & gtz stringer @ 70° minor cpy with frac // core			L		L	M					
73			minor Bo with aphte @ 60° minor cpy with fracs @ 70°		M		L	M	M	M				
74	#13		Aphte @ 60°	Fresh rock										-240'
75		88	minor cpy with fracs					L	L					245'
76			disc. cpy with fracs // core @ 70° minor Bo on frac // core					L	L					

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	MELNITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
77	#13		← minor cpy on frac // core	Fresh rock / Lightly altered										SKEENA Q. D.
78		95	} minor cpy on frac // core					L	L					255'
79			} minor cpy & py on frac // core					L	L					
80			} cpy on frac @ 70°-50°											260'
81	#14													
82		82	} cpy with // frac // core	Medium alteration K-feldspars stringers	L	L		M	L	M				
83														270'
84				Intensely altered - kaolinized	L	L		M	M	M				
85		63	} Bo & cpy with frac // core											
86			} Disc cpy with qtz veinlets @ 50°-60°					M	I	I				
87	#15		} Mo on slip @ 50°-70°											280'
88			← minor disc cpy											
89		81		Lightly altered	M			M	I	I				
90			← minor cpy with frac.						L	L				290'
91	#16		← cpy & Bu with frac // core											
92			} Bo & cpy with // frac @ 70°-80°											
93		93	← Disc. Bo & cpy with aplite											295'
94			2 Disc. cpy on frac // core											
95														
96			← Disc. Bo & cpy with aplite @ 70°											
97			← minor cpy with aplite // core											

← Slip @ 50°

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-362

HIGHMONT SURVEY GRID

NORTH: 77,937.10 AZIMUTH: 87°40'20"

EAST: 107,410.27 INCLINATION: -46°

COLLAR ELEVATION: 5,208.10 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY		
1	NO CORE															
2															5'	
3	#1	23												FLOATS consists of SKEENA variety & medium grained diorite (epidotized) Oxidized zone		
4															-10'	
5					Intensely altered											
6										I						
7	#1	27												Leached zone Shear zone		
8															-20'	
9					} Kaolinized											
10																
11	#1	17												FAULT (?) ZONE - fractures serpentized		
12															-30'	
13																
14																-40'
15	#2	25												45'		

SCALE : 1 CM = 1 METER

ABBREVIATIONS: BO Biotite, CPY Chalcopyrite, Cc Chalcolite, FRAC Fracture, Dism. Disseminated, I Intense, M Medium, L Light, G.D. Granodiorite, Q.D. Quartz Diorite

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CONE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORIBONT	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
16	#2	62	+ ch. y. qtz - calcite veinlet (4mm thick) with minor Mo (?)	Intensely altered					I					Leached zone		
17											I					
18						+ Hematite on frac.						I				
19	#3	50	+ Hematite	silicified + serpentinized					I					Shear zone		
20											I					
21												I				
22	#3	63	+ Qtz stringer @ 40° + Qtz veinlet @ 50°						I					Leached zone		
23											I					
24												I				
25	#4	86	+ dism. py with serpentinized slugs + cpy in qtz stringers @ 60° & 70°						I					Shear zone		
26											I					
27												I				
28	#4	85	+ minor cpy dism. and on frac. @ 60° + silicified						M I					Leached zone		
29											M I					
30												M I				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

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DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	YLLA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
31	#4		← calcite veinlets @ 10 & 50° ← Qtz veinlets @ 50°	← Serpentinized slip Medium alteration	M			L	M	M			← Slip SKEENA Q.O.	
32		86	← Qtz stringer @ 20°						L					105'
33	#5		} calcite stringers @ 40°		M	L		M	M					
34					M	L		M	M					← Shear zone with clay material ← Slip
35		78												
36			← massive Ba & cpy with frac ← Qtz veinlets @ 30° ← Dissem. cpy & bx		M			M	M					} Shear zone
37			← minor cpy in calcite veinlets @ 50°	Intensely altered Medium-Light alteration	L			M	M					-120'
38	#6	79			L									
39					L			L	L					
40														-130'
41		63		Intense - Medium alteration } Kaolinized	L			L	L					← Shear zone
42					L			L	I					
43	#7													-140'
44		45		} Rock - soft & crumbly Medium alteration	L			L	M					
45					L			L	M					145'
					M			L	M	H	H			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	CORE & RECOVERY	MINERALIZATION	ALTERATION	EPI DOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
46	#7		Qtz stringers @ 50°	Medium alteration			L							SKEENA Q.D.
47		80	Dis. epy in frac. @ 50°		M			L	M					
48			Dis. epy in frac & calcite stringers @ 60°	} Aplite & calcite stringers @ 60° } K-feldspars (?)	M			M	M				M	155'
49				→ Aplite (2mm thick) @ 30°										160'
50	#8	93	→ minor dism. epy	} Kadinized	M			L	I					
51			→ minor dism. epy	→ K-feldspars (?)	M			L	L	M	M		M	
52														170'
53				Lightly altered	M			L	L	M	M			
54		92	→ minor epy in calcite stringers		M			L	L	L				
55	#9			Medium alteration										180'
56		98	} minor epy } minor fine-grained epy	} Qtz veinlets @ 70° } K-feldspars → Qtz veinlets @ 80°	M			L	L	M	M		M	
57					M			M	M	M				
58					M			L	L	M	M			190'
59	#10				M			L	L	M	M			
60		84			M			L	L	M	M			195'
61					M			L	L	M	M			→ shear zone

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
62	#10	87	← Dism. cpy on frac // core	Medium alteration	M			L	L	M	M			← Slip SKEENA Q.D.
63					M			L	L	M	M			205'
64														-210'
65	#11	98			M			L	L	M	M			← Shear zone // core
66					M			L	L	M	M			
67														-220'
68		90	} Aplite ← minor dism. cpy with frac.		M			L	L	M	M			
69								M						
70			← minor cpy with frac		M			L	L	M	M			-230'
71	#12	89			M			M	M					
72														← Shear zone // core
73					M			L	L	M	M			
74								L	L	M	M			-240'
75	#13	92	← minor cpy		M			M	M	M	M			← Shear zone // core
76					M			M	M					← Shear zones @ 70°

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
77	#13	96		Medium alteration	M			L	L	M	M			SKEENA Q.O. 255'	
78					M			L	L	M	M				
79						M			L	L	M	M			
80	#14	92			M			L	L	M	M			260'	
81				Intensely altered - soft & crumble rock with disa. coarse grained sericite (?)					L	M	M	M			← Slip
82				Lightly altered	M				L	L	L				
83						M			L	L	L				
84	#15	100						L	L	L				270'	
85						L			L	L	L				
86				Medium alteration	M				M	L					
87		← calcite stringer @ 30°	Epidotized												
88				Lightly altered	M			L	L	M	M			280'	
89					L			L	L	L					
90	#16	91						L	L	L			290'		
91						L			L	L	L				295'

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79 - 363

HIGHMONT SURVEY GRID

NORTH: 77,384.03 AZIMUTH: 182° 07' 16"

EAST: 107,191.70 INCLINATION: -45°

COLLAR ELEVATION: 5238.38 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERGITE	K-FELDSPAR	LITHOLOGY
1														
2														5'
3														
4														10'
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														

ABBREVIATIONS

BO BOSSITE

|| PARALLEL

I INTENSE

G.D. GRANODIORITE

CPY CHALCOPYRITE, FRAC. FRACTURE

M MEDIUM

Q.D. QUARTZ DIORITE

C₂ CHALCOHITE, DISM. DISSEMINATED

SCALE 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CHALCOPYRITE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
16	#2	77		Intense - Medium alteration - feldspars have yellowish orange color.	I			M	L	I	L			SKRENA G.D.	
17				Medium alteration	I			M	L	M	M				55'
18	#3	63						L						60'	
19			← Bo (minor) in gte veinlet (6mm thick)			M	L		M	M	M	M			
20			← Bo with mafic ← Bo with mafic & frags @ 70°-90°			M	L		M	I	M	M			70'
21															
22	#4	100			I	L		M	M	M	M				
23			← Bo in frags @ 60° & 70° ← Qtz stringer @ 60° (4mm thick) ← Qtz stringer @ 50°			I	L		M	M	M	M			
24			← Bo stringer in gte veinlet ← minor Bo in frac @ 70°		← Qtz veinlet @ 70°										80'
25			← Bo & cpy with gte stringers @ 60°-70° (Dism.)		← Qtz stringers @ 60°-70°	M				M	M	M	M		
26					M										
27			← Bo in frags @ 60°-70°		I			M	M	M	M				
28	#5	93	← Bo in fractures @ 70° & with mafic ← Bo in gte veinlet (6mm thick) @ 60° ← Dism. cpy in frac. @ 70°	← Aplite	M					I	L	M		90'	
29															95'
30			← Bo with mafic ← Bo on frags @ 70°		← Barren gte (8mm thick) @ 70°	M				L	M	L	M		

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION									LITHOLOGY				
					EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE		K FELSIC			
31	#5	100	Bo & qtz vein (8cm thick) @ 50°	Medium alteration										SKEENA Q.D.			
32			← Bo on fracture @ 60°		M	L		L	M	L	M				105'		
33			← Bo with mafic (minor)														
34	#6	91	← Qtz veinlet @ 60°	} Knolitized section										← shear zone (6cm thick of gangy material)			
35			← Mo (?) in shear zone @ 70°		L						I						
36			← barren qtz veinlet (1cm) @ 70°														
37			← Bo with qtz eyes		L	L	L		I	M	L	M					
38			← Mo in veinlet (1cm thick) @ 80°														
39	#7	92	← Mo & minor cpy with qtz-calcite stringer // zone	} Qtz-calcite veinlets @ 80°	L	L	L		I	M	L	M		120'			
40			← Mo (minor) in qtz veinlet (1cm thick) @ 60°		L						L	L	L		M		
41	#7	92	← Barren qtz vein		L						L	L	M		130'		
42			← Bo on fracs // slips @ 70°														
43	#8	88	← Bo in frac @ 70°		L							L	L	M		140'	
44			← Bo with frac & qtz stringer @ 70°														
45			← Bo in fracs @ 70°-80°														
44	#8	88	← calcite coating on frac @ 60°		M							L	M	M	L	145'	
45			← Bo with mafic & frac @ 90°		M												
45			← Bo in fracs @ 50°-80°		L							L	M	L		← Slip ← a dyke (?)	

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEAVYITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY	
46				Medium alteration										SKEENA Q.D.	
47	#8	50	+ Py + cpy dism. around frac @ 70°	Intensely altered	L			M	M	M	M			Shear zone 155'	
48			+ cpy dism. on frac. @ 70°		L			M	I						
49	#9	43	+ minor py	Intensely altered - feldspar moderate yellowish green	M			M	I					Shear zone @ 30° -160'	
50					Medium alteration	M			M	M					Shear zone
51						Intensely altered - feldspar yellowish orange	M			M	M				
52	#9	58	+ Mo(?) on frac >10° + Epidote veinlet (3mm thick) @ >10° + Bi(?) on frac @ 60° + Mo dism. on frac @ 70° together with py & cpy (minor)	Medium alteration	M			M	M					-170'	
53					+ Qtz stringer @ 50° & 70°	M			M	M					
54					L			M	M	M	M				
55	#9	61	+ Mo(?) coating in qtz fractures @ 60° & 80° + Py & Mo(?) in qtz vein @ 60°		L			M	M	M	M			-180'	
56					Medium alteration - feldspars have moderate yellowish orange	M			M	M	M				Fault(?) Zone with qtz vein
57					M			M	M	M					
58	#10	76	+ Qtz vein		M			M	M	M	M			Shear zone -190'	
59						M			M	M	M	M			
60					+ Qtz vein		M			M	M	M	M		195'
61					M			M	M	M	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SULFIDE	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
	#10			Medium alteration	M			M	M	M	M			SKEENA Q. D.
62			→ Epidote-chlorite - qtz vein @ 40°					M	M	L				205'
63		96	→ qtz stringer @ 70°	Medium alteration - feldspars moderate yellowish orange	M			M	M	L				
64	#11		→ qtz stringers network → qtz vein → feld-grained diam. Mt (?) in qtz → vein. Disa. Bc & cpy with mafic & in frags.	Lightly altered	L			L	M	M				210'
65					L			L	L	M				
66		99	→ qtz vein @ 60°	Medium alteration - feldspars - moderate yellowish orange										
67			→ qtz vein @ 70° → frags @ 40° → calcite coating @ 60°		L	L		M	M					
68				Silicified (?) Intensely altered				M		L	M			220'
69	#12	100	→ calcite stringer @ 60°		L	L		M	M					
70					L	L		M	M					
71														230'
72		98	→ qtz vein @ 30° → qtz vein @ 80°		L	L		M	I					
73					L	L		M	I					
74	#13			Medium alteration	M			M	L	M	M			240'
75		100		Intensely altered	L	I		M	M	L				245'
76				Medium alteration	M			M	M	M	M			

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
77	#13		← 1 qtz stringer @ 60°	Medium alteration	L	M		M	M					SKEENA Q.D. 255'
78		99	+ Hematite patches + qtz stringers @ 60° } qtz stringers @ 60° (5mm thick) ← qtz vein @ 80°		L	M	L	M	M					
79														-260'
80	#14		} fine grained cpy & Ms(?) coating on frac // core } Bo & cpy diam. on fractures		L	M	L	M	M	M				
81		97	+ Bo with qtz stringer across the core + Hematite patches in qtz vein @ 80°		L	M	L	M	M					
82			} Ms with qtz veinlet @ 85° (minor cpy) ← qtz vein @ 50° + Bo & hematite on fractures		L	M		L	M					-270'
83		98			L	M		L	M					
84					L	M		L	M					
85	#15													-280'
86			} fine qtz stringers @ 40°-60° } ← qtz-calcite veinlet (3mm thick)		L		L	M	L					
87		100			L		L	M	L					
88					L		L	M	L					-290'
89					L		L	M	L					
90	#16	98			L		L	M	L					295'
91			← Bo (minor) on fractures		M		L	L	L	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. Tsang

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-364

HIGHMONT SURVEY GRID

NORTH: 77,226.19 AZIMUTH: 187° 29' 45"

EAST: 107,201.81 INCLINATION: -45°

COLLAR ELEVATION: 5,243.16 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: L. H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	X-FELSPAR	LITHOLOGY	
1	NO CORE													5'	
2															
3														10'	
4															
5															
6															20'
7															
8															
9															30'
10	1	78	Ba (minor) in frac. @ 70° & 80°	Medium alteration	L				L	M	M	M		← ANDERSITE float(?) SKEENA Q.D.	
11			Ba & cpy in qtz veinlet @ 80°		L				L	M	M	M			
12	1	35												40'	
13				Intensely altered - epidotized & kaolinized	M	L				L	I	L	L		
14						M	L				L	I	L	L	45'
15															

ABBREVIATIONS

BO BOHNITE || PARALLEL I INTENSE G.D. GRANODIORITE
 CPY CHALCOPYRITE. FRAC. FRACTURE M MEDIUM Q.D. QUARTZ DIORITE
 CC CHALCOCITE. DISM. DISSEMINATED L LIGHT Mz. MONZONITE
 MO MOLYBDENITE @ AT

SCALE: 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORIBOUNT	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
16	1			Intensely altered - kaolinized & epidotized	M			L	I	L	L			SKREENA Q. D.
17		67	Bo with qtz stringer @ 72°											55'
18			Bo on slip // core + qtz veins @ 70°		M			M	I	L	L			→ Shear zone with calcite stringers @ 70°
19	2		minor dism. epy		M			M	I	L	L			
20		86	epy - frags. @ 60°-70°											
21			minor dism. epy in frags // core		M			M	I	L	L			
22			minor epy & Bo, dism 2 on frags.		M			L	M	L	L			
23		90	minor epy & Bo on frags @ 50°-70°	Medium alteration						M	M			
24				Intensely altered - epidotized + carbonatized Medium alteration	M			L		M	M			
25	3			lightly altered				M		M	L			
26		98	Dism Bo on frags // core		L			L	L	L	L			
27					L			L	L	L	L			
28			minor dism. Bo	Medium alteration										
29	4	92	minor Bo with qtz stringer @ 60°		L			L	M	M	M			
30			minor Bo in frag // core minor dism Bo with mafic	+ qtz stringer @ 60°	L			L	M	M	M			95'

SCALE: 1 cm = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
31	4	95	} minor dism. B ₂ & cpy ← minor dism. cpy Qtz stringer // core	Medium alteration				L						SKEENA Q. D. 105'
32					L	L	M	I	M	M				
33					L		L	L	M	M	M			
34	5	68	} B ₂ in frac. @ 50°-70°		M			L	M	M	M		} Shear zone // core 110'	
35					M		L	M	M	M				
36					M		L	M	I	L	L			
37	6	96	← B ₂ in Qtz stringer // core		L			L	L	L	M	M	120'	
38					L		L	L	L	M	M			
39					L		L	L	L	M	M			
40	6	97	← B ₂ & cpy with Qtz stringer @ 70° } Qtz veinlets & stringers @ 70° } B ₂ dism. in frac @ 50°-70°		L			L	L	L	M	M	130'	
41					L		L	L	L	M	M			
42					L		L	L	L	M	M	M		
43	7	100	← cpy & py in frac @ 70° ← Qtz vein @ 70° } Dism. py } Dism. py & cpy } minor cpy in Qtz veinlets @ 70° ← cpy in frac. @ 50°	Lightly altered	M			L	L	L	L	L	140' 145'	
44					M		L	L	L	L	L			
45					M		L	L	L	L	L			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEAVY	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY		
46	7	97	cpy frac. plus cpy in qtz stringer @ 60°-70°	Lightly altered	M					L				SKEENA Q.D.		
47				← Dissem. py & minor Mo with qtz veinlets @ 60°	Medium alteration	I			M	M					155'	
48					← minor cpy in qtz veinlet @ 95°	Lightly altered	L			L	L	L				
49	8	99	Dissem. cpy & Ba in fractures & light qtz stringers @ 50°-60° ← qtz veinlet @ 50°	← Aplite @ 50°				L	L					BETHSAIDA G.D. - a dyke (!) -160'		
50				← minor Ba with qtz veinlet @ 70°											SKEENA Q.D.	
51				← qtz veinlets & frags @ 60°	Medium alteration	L			L	M	M	M	L			
52	9	95	← minor cpy in qtz veinlet @ 60° ← minor cpy & Ba in qtz stringer @ 60°	← qtz veinlet @ 50°										← slip @ 70°		
53				← minor Ba & cpy in frags. // core	← // apfites @ 40°	M			L	M	M	L	L		← slip @ 70°	
54				← qtz veinlet @ 70°												
55	9	96	← qtz veinlet @ 60°		M			L	L	L	M	M		← slip @ 80°		
56																
57							M				M	I	L	L		Shear zone // core -serpentinized on slip planes
58													-190'			
59	10	75	← qtz stringer @ 70° ← qtz stringer @ 70°		M				M	M	L	L				
60				← qtz veinlet @ 70°												195'
61							M				L	M	M	L	L	

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY		
62	10	56	} Qtz stringers @ 70°	Medium alteration	M	L	L	L	M					SKEENA Q. D. 205'		
63					} Qtz stringer @ 70°	M	L	L	L	M						
64						← Qtz stringer @ 70° minor dism. cpy	M	L	L	L	M					
65	11	72	} Qtz veinlets @ 70° ← Qtz vein @ 50° ← Qtz veinlets @ 60° ← Qtz veinlet @ 70°		M	L	L	L	M					} ← Slips @ 70° FAULT BRECCIA (?) -220' - epidotized & hematized. - braided structures of sheared, slickensided comminuted, altered rock & gongle.		
66						I	I	L	L	M						
67						I	I	L	L	M						
68						I	I	L	L	M						
69	12	78		Medium alteration - silicified with calcite fracture fillings	I	I	L	L	M					-230'		
70					L	I	M	I								
71					L	L	M	M	L							
72	12	80			I	M	M	I	L				-240'			
73					I	M	M	L								
74					L	L	M	M	L							
75	13	78			L	L	M	M	L				245'			
76					L	L	L	I	M							

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HE MATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY	
77	13	76		Medium alteration - silicified with calcite frac. fillings.			M	M	M	M				SKEENA Q. D.	
78				Medium alteration			L	L	I	M					← Slip @ 70° 255°
79	14	89												-260°	
80						L		L	M	L	M	M			
81				Medium - light alteration											
82						L		L	M	L	L	L			
83	14	79												-270°	
84						L		L	M	L	L	L			
85				← Qtz veinlets @ 90°		L		L	M	L	L	L			Shear zone with Qtz vein. -280°
86	15	78													
87				← Epidot stringer // core		L		L	M	L	L	L			← Shear zone @ 90° with calcite coating in fracs.
88	15	91												-290°	
89				← Fracs. // core with calcite coating.		L		L	M	L	L	L			
90	16	91												295°	
91				← Qtz stringers @ 70° ← Dism. Ba on fracture		L		L	M	L	L	L			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 19-365

HIGHMONT SURVEY GRID

NORTH: 77,633.87 AZIMUTH: 173° 5' 44"

EAST: 106,987.48 INCLINATION: -45°

COLLAR ELEVATION: 5,245.05 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: Louis H. C. Tsang

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HELMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELSPAR	LITHOLOGY
1														
2														5'
3														10'
4														
5														
6														20'
7														
8														
9			minor dism. Bu with mafic	Lightly altered	L					L	M			SKREENA Q. D.
10			Mo sheet on frac @ 70°		L					L	M			fracs lightly oxidized
11			minor Mo in // qtz veins @ 70°				L							
12					L					L	L			
13			dism. Mo on frac @ 50°							L				40'
14			massive Mo(?) with gangy material	Intensely altered						L	I			OXIDIZED ZONE
15											I			

ABBREVIATIONS

SCALE : 1CM = 1METER

BO BOYDITE
 CPY CHALCOPIRITE. FRAC. FRACTURE
 Cc CHALCOHITE. DISM. DISSEMINATED
 MB MINERALIZATION @ AT

I INTENSE
 M MEDIUM
 L LIGHT

G.D. GRANODIORITE
 Q.D. QUARTZ DIORITE

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORIBONITE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
16				Lightly altered	L			L	L	M				SKEENA Q.D.
17		72												
18	#2			← 80 m frac @ 90°	L			L	L	M				60'
19				← 80 m frac @ 70°										
20		63		← Aplite @ 50° (3mm thick)	M			L	L					
21				← Qtz veinlet @ 70°	L			L	L	L				70'
22					L			L	L	L				
23	#3	71												
24				Medium alteration	M			M	M	M				
25														80'
26		88		Lightly altered	M			M	M	M				
27					L			L	L	L				
28	#4			← Qtz veinlet @ 80° ← Qtz veinlet @ 50°										90'
29		89		← Qtz veinlet @ 70°	M			M	L	L				
30					L			L	L	L				95'

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMPHRITE	SILICA	CHALCANTINE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
31	#4			Lightly altered	L				L	L				SKEENA Q. D.
32		94												
33					L				L	L				
34	#5													110'
35		93			L				L	L				
36					M				L	L				
37														120'
38		82			L				L	L				
39	#6			Medium alteration	M				M	L	M	M		
40														130'
41		64	→ Qtz - calcite stringers @ 70"		M				M	L	M	M		
42					M				M	M				
43														140'
44	#7		→ cpy (minor) in qtz veinlet @ 70" Mo & cpy with qtz stringers @ 60"	Intensely altered										KAOHLINIZED ZONE WITH abundant qtz stringers @ 43, 44 m.
45		98			M				I	I				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
46	#7	85		Medium alteration		L		M						GREENA Q.O.
47						M			L	L				
48						M				L	M	M		
49	#8	91			I			L	M					160'
50				← Mo on frac @ 70°		M				L	M	M		
51				← Mo on frac @ 70°		M					L	M	M	
52	#9	95			M					L	M	M		170'
53											L	M	M	
54							L				L	L	M	
55	#9	80												180'
56						L					L	L	M	
57							L					L	M	
58	#10	79			M									190'
59											I	I	M	
60				← minor Bo on frac // core ← Bo on frac // core			M					L	L	M
61					M					L	L	M	M	

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SCORCITE	K-FELDSPAR	LITHOLOGY
62	#10		+ Bo in frac @ 70°	Medium alteration	M				L	L	M			3KEENA Q. D.
63		86			M				L	L	M			205'
64			+ Bo in frac // core	lightly altered	L				L	L	M			
65					M				L	M	M			+ weathered rock - soft - 210'
66	#11	78	+ Bo in frac // core		M				L	L	M			
67			+ cpy & Bo in frac // core		M				L	L	M			
68			+ Dism. cpy (minor amount)		M				L	L	M			-220'
69		99	+ cpy in frac // core		M				L	L	M			
70			+ calcite coating in frac // core		M				M	L				
71			+ minor Bo in frac. @ 70°		M				L					-230'
72	#12	62	+ cpy & Bo in // frac @ 70°	Medium alteration	M				M	M				
73			+ Mo in frac @ 60°		M				M	M				
74			+ fine-grained dism. cpy in frac network		M				L	L	M			-240'
75		91	+ cpy & Bo in frac @ 70°	lightly altered	L				L	L	M			
76	#13		+ Mo in frac @ 70°		L				L	L	M			245'
			+ Bo(?) in frac. @ 70°		L				L	L	M			
			+ cpy & Bo(?) in frac @ 70°		L				L	L	M			
			+ Bo(?) in frac @ 70°-90°		L				L	L	M			

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATTITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
77	#13	99	← minor Mn in Qtz stringer @ 50° ← minor Mn in Qtz stringer // core ← Disc Ba on fracture @ 70° ← Disc Ba in fracture // core ← Apatites @ 80° & 50°	Lightly altered	L			L	L	L				SKEENA Q.D.	
78						L			M	M	M				255'
79						L			L	L	L				260'
80	#14	89			L		L	L					270'		
81					L			M	M						
82					L			M	L						270'
83	#15	89			L		M	L					280'		
84					L			M	M						
85					L			L	I						280'
86	#15	77	← Mn on slip // core	Medium alteration	M		L	L		M	M		} Shear zone @ 80°		
87					M			M	M	M	M				} Shear zone @ 80°
88					M			M	M	M	M				
89	#16	63			M		M	M	M	M			← Slip @ 70°		
90					M			I	M	M	M				295'
91					M		I	M	M	M					

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-366

HIGHMONT SURVEY GRID

NORTH: 77,471.44 AZIMUTH: 173° 32' 54"

EAST: 106,993.35 INCLINATION: -46°

COLLAR ELEVATION: 5247.42 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE Louis Tsang

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY		
1	#1	NO CORE												5'		
2																
3																10'
4																
5																
6																
7				Oxidized Fresh & Lightly altered				L	M	L			SKEENA Q. D.			
8		66		Intensely altered				L	I	L						
9														30'		
10			minor Bo on frags.	Medium alteration	L			L	I	M	M					
11		85	minor Bo on frags	Lightly altered				M	L							
12				Medium alteration	L			M	L	M	M			40'		
13																
14	#2	86	Bo & Mo with frags. // core		L			M	L	M	M			45'		
15					L			M	L	M	M					

ABBREVIATIONS

SCALE : 1CM = 1METER

BO BOYDITE
 CPY CHALCOPYRITE
 C. CHALCOHITE
 FRAG. FRAGMENTS
 DISM. DISSEMINATED
 // PARALLEL

I INTENSE
 M MEDIUM
 L LIGHT

G.D. GRANODIORITE
 Q.D. QUARTZ DIORITE

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORSONITE	CLAY	CHLORITE	BIOTITE	SERICITE	W-FELSPAR	LITHOLOGY
16	#2		} frags serpentized // core	Medium alteration Lightly altered	L			L	L	L				SKENA Q.D.
17		83												
18			} minor Ba with frags } minor Mo with qtz-calcite stringers	Medium alteration	L			M	L	L				60'
19	#3				Lightly altered	L			M	L	L			
20		84			L			L	L	L				
21					L			M	L	L				70'
22					L			M	L					
23		85		Medium alteration										
24	#4		} minor Ba with frags		M			M	L					80'
25						L			L	M				
26		88		Lightly altered Medium alteration Lightly altered	M			L	L					
27			→ Ba with frags @ 30°-40°		L			L	L					90'
28	#5				L			L	L					
29		98			L			L	L					95'
30			} Ba & Mo with frags	Medium alteration ranging // core	M			M	L	L				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
31	#5			Lightly altered.	L			L	L					SKEENA Q.D.
32		99	} Mo & B ₂ with frags	Medium alteration	M			M	L	L	M			105'
33				Lightly altered.	L									
34	#6				L			L	L					110'
35		97			L									
36			} Aplite veinlets. Minor Mo & B ₂ with gla. calcite stringers		M			L	L					
37				Shatter zone	Medium alteration	M			M	L	L	M		
38		56		Intensely altered - moderate yellowish green	L			M	I					} Shear zone
39				lightly altered.	L			M	L	L				
40	#7				L			L	L					130'
41		98	} B ₂ veinlets @ 60°						L					} Shear zone
42						L			L	L	L			
43			} minor B ₂	Medium alteration	M			M	M	M				140'
44	#8	73			M			M	M	M				145'
45			} epidote-calcite-serp. veinlets here see next page		M			M	M	M				
					Intense alteration - feldspars have yellowish orange color					I				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY		
46	#8	87	Epidote-calcite-serp. veinlets @ 60°	Intense alteration - feldspars yellowish orange color.	M			M	I	M				SKEENA Q. D.		
47				Medium alteration												155'
48				Epidote-calcite-serp veinlets // cora	Intensely altered	M			M	I	L					
49	#9	83	Mo on frags. Qtz veinlets // cora	Medium alteration	L									-160'		
50				minor Ba. Chloritized frags.	Medium alteration - dusky yellowish green.	M			M	M	M					
51				calcite stringers over rock mass	Highly altered - light yellowish green.	M										
52	#10	98	Mo sheets with qtz vein & gangy material	Highly altered - light yellowish green.					I	I				Shear zone (?) -170'		
53				Mo(?) with qtz vein		L										
54				minor Mo & apy. Qtz veinlets & calcite stringers @ 50°-70°		L				M	I					
55	#10	99	Calcite stringers @ 75°	Medium alteration - coarse grained sericite (?)										-180'		
56				Medium alteration - dusky yellowish green	M				L	M					M	
57				Disintegrated and on frags. Minor Ba.	Lightly altered - Medium alteration	M				L	M	M				
58	#11	94	Minor Mo with frags.	Lightly altered.										-190'		
59						L				L	L					195'
60						L				L	L					
61			see next page		L			L	L							

SCALE 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
62	#11		} Dism. cpy & in frac. Calcite on fracs. → Bo on frac.	Intensely altered - feldspars have yellowish green color Medium alteration	M			M	I					SKEENA Q. D.
63		91	} Bo with mafic (minor)	Lightly altered	M			L	L	M	M			
64			→ cpy with qtz veinlet		L			L	L	L				210'
65	#12		} Bo with mafic							L				
66		94	→ Dism. cpy in veinlet		L			L	L	M				
67					L			L	L	M				
68			→ minor Bo with mafic. Veinlets @ 60°		L			L	L	M				220'
69		86	→ Calcite coating on fracs 40°-70°							M				
70					L			L	L	L				→ Slip @ 60°
71	#13				L			L	L	M				230'
72		95								M				
73					L			L	L	M				
74	#14		→ minor Bo in qtz stringer @ 40° } Bo with mafic							M				240'
75		93	→ Dism py & cpy } Bo with fracs @ 60°-70° & with mafic	→ Intense altered	L			L	I					245'
76					L			L	L	M				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY	
77	#14	100	Minor Mo with qtz stringers (1mm to 2mm thick) @ 60°	Intensely altered				I	I	M				SKEENA Q.D. - greenish tuff	
78			Bo on frac & with two qtz veins (1cm thick) @ 90° & 40°	Lightly altered				M	M	L					255'
79			minor Bo in calcite-serp-chlorite veinlet Calcite coatings in frac @ 50°-80°						L	L	L				
80	#15	94	Diagen. Bo in frac // core				M	L							
81			Bo & Mo in qtz veinlet (9mm thick) @ 60°		L			I	M						270'
82			Episite-chlorite-calcite veinlet	Medium alteration	L			L	M		M	M			
83	#16	91			L		L	M	M	M			280'		
84			minor Bo (V) qtz veinlet with kaolinized rock on both sides @ 60°	Lightly altered				L	L	L					
85									L	M	L				
86	#16	92	minor Bo with mafic & kaolinized section, no mafic	Medium alteration	L		L	I	M				290'		
87			Bo in frac @ 50°					L	M	M					
88			minor Bo & apy with mafic. Bo also on frac.	Lightly altered					M	M	I				
89	#17	100	Bo on frac. with calcite coating @ 60°	Medium alteration			L	M	M	M			295'		
90								L	L	L					
91			Mo(V) & apy in frac @ 70° Mo(V) & apy in frac // core	Lightly altered Medium alteration					L	L	L				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-367

HIGHMONT SURVEY GRID

NORTH: 77,626.88 AZIMUTH: 184° 41' 37"

EAST: 106,797.83 INCLINATION: -45°

COLLAR ELEVATION: 5241.38 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	2 CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBON	CLAY	CHLORITE	BIOTITE	SERGITE	K-FELSPAR	LITHOLOGY
1														
2														5'
3														10'
4														
5														
6														
7														20'
8														
9														
10														30'
11														
12														
13														40'
14														45'
15														

NO CORE

#1 83 } Medium alteration fractures oxidized. M M M M M
 Intensely altered - kaolinized
 } dism. cpy I I
 } Mo || with gangy material I I
 } minor Mo on fractures || core I I

#2 67 } Medium alteration
 } L M M M

SKEENA Q. D.

ABBREVIATIONS

BO Biotite || Parallel I Intense G.D. GRANODIORITE
 CPY Chalcopyrite. FRAC. Fracture M Medium Q.D. QUARTZ DIORITE
 CC Chalcocite. DISM. Dissiminated L Light M
 MO Molybdenum

SCALE: 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	QUARTZ	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
16	#2			Medium alteration	L	L		M	M	M	M			SKENA Q. D.
17		68	← Hematite with qtz veinlet @ 60°											55'
18					L			L	L	L	M			60'
19			← Mo(U) on fracture @ 80° ← Two qtz stringers @ 60°		L			L	M	L	M			
20	#3	79												
21				Lightly altered	L			M	M	L	M			70'
22			← minor cpy on fracture					M	L	L				
23		90						L						
24								L	M	L				80'
25	#4							L	M	L				
26		90	← Two aplites @ 50°											
27								L	L	L				90'
28					L			L	L	L				
29	#5	93	← qtz veinlet @ 60°											95'
30					L			L	L	L				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SULFUR	CARBONATE	CLAY	CALORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
31	#5	91		Lightly altered				L	L	L				SKEENA Q.D.	
32															105'
33									L	M	L				
34	#6	84	} frags @ 60°-70°		L		L	M	L	L					
35															
36					3 Qtz stringers @ 60°	L		L	L	L					
37					} epy on frags @ 80° - hematite on frags	← Qtz stringers @ 70° ← calcite stringer @ 60°	L		L	L	L				
38	89		← No coating on fracture												
39					} frags @ 60°			L	L	L					
40	#7	99	← minor Bt in frac.		L		L	L	L					130'	
41					← Silicified	L		M	L	L	L				
42															
43	#8	95	← minor Mo with frags @ 70° ← Qtz stringer @ 70° ← Mn in frac. @ 40° ← frags & Qtz veinlets @ 70°											140'	
44									L	L	L				
45							M		M	M	L				

SCALE : | CM = | METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	Z CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CHLORITE	ILLITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
46				Lightly altered									SKEENA Q. D.
47	#8	99			L			M	M	L			
48								L	L	L			
49			minor Mo with fracture & Qtz stringers @ 60°-70°					L	L	L			160'
50		89			M			M	M	L			
51								L	M	M			
52	#9		Qtz stringers @ 70°		L			L	L	M			170'
53		98	fracs @ 20°		L			L	M	M			
54					L			L	L	L			
55			Mo (S) with Qtz veinlet @ 80° fine grained Mo with Qtz veinlet @ 50° (4 mm thick) hematite stain on fracs // core	Medium alteration Lightly altered				L	M	L			180'
56	#10	93			L			L	M	M			
57			calcite stringer @ 40°		L			L	M	M			
58								L	L	L			190'
59			Disse. Mo on fracs @ 40°-70°	Medium alteration	M			L	L				
60	#11	93	massive Mo stringer with Qtz veinlets @ 60°-75°	Intensely altered	M	M		I	I	L			195'
61			Mo stringers @ 60°-70° fracs @ 70°		M			L	L	M			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATTITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
62	#11	98	→ massive Ho on fractures @ 60°	Medium alteration Lightly altered	M		M		M	M				SKEENA Q. D. 205'
63								L						
64					L			L	M	M				-210'
65					L			L	L	M				
66		98	→ Epidote frags @ 60°-70°	Medium alteration				L						
67	#12	98	→ Epidote-chlorite-serp stringers @ 50°-70°		M			L	M	M				-220'
68				→ Calcite stringer @ 40°		M			M	M	M			
69														
70		98	} fractures @ 20°		M			M	M	M				-230'
71			→ fractures @ 90°		M			M	M	M				
72	#13	93	→ Calcite veinlet @ 90°											
73				→ Calcite veinlet (4mm thick) @ 90°		M			M	M	M			
74			→ fractures @ 90°											
75		95	→ frags @ 85°		M			M	M	M				245'
76	#14		→ frags @ 70°		M			M	M	M				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
77	#14	93		Medium alteration	M			M	M	M				SKEENA Q.D. 255'	
78			← Diam. Mo on frac. @ 20°												
79			← fractures @ 90° ← Mo with gfa-calcite veinlet @ 60° & 70°			M				M	M	M			
80	#15	93		Lightly altered	I									HIGHLY FRACTURED ZONE - rock soft & crumbled. 270'	
81			← fine fractures @ 40°-50°			M				M	M	M			
82				Medium alteration			M				M	L	L		
83	#15	64	← Diam. Mo on frac.											280'	
84						M				M	M	M			
85	#16	73	← Diam. Mo on frac. ← Three frags @ 80°											FRACTURED ZONE 290'	
86															
87							L				L	M	L		M
88														295'	
89					M				M	M	M				
90	#17	83													
91															

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-368

HIGHMONT SURVEY GRID

NORTH: 77,918.77 AZIMUTH: 178° 33' 37"

EAST: 106,590.49 INCLINATION: -43°

COLLAR ELEVATION: 5237.86 LENGTH: 91.7 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
1	No CORE													5'
2														
3														10'
4														
5														
6														
7	#1	73		lightly altered ← Pink aplite (2mm thick)										SKEENA Q.D. -20'
8														
9														
10					Medium alteration									
11		47		Degree of alteration increases from medium to intense										
12			minor B ₀ with frags.											
13	#2			lightly altered										
14		91		← qtz (rusty) veinlet (1cm thick) R @ 20°										45'
15				← minor B ₀ with mafic ← frac @ 50°										

ABBREVIATIONS

BO BOYDITE
 CPY CHALCOPYRITE. FRAC. FRACTURE
 CC CHALCOCITE. DISM. DISSEMINATED
 MO MALACONITE. D. AT

I INTENSE
 M MEDIUM
 L LIGHT

G.D. GRANADIORITE
 Q.D. QUARTZ DIORITE

LOGGED BY L. TSANG

SCALE: 1 CM = 1 METER

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	OR-SOUND	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
16	#2	89	+ Qtz veinlets } Epidote - serp - gln veinlets @ 30°; rusty	Lightly altered	M			L	M	M				SKEENA Q.D. 55'	
17					Medium alteration	I									
18					+ Qtz veinlet (1cm.)	M				L	L	M	I		
19	#3	95	} calcite coating on fractures @ 70°-80° + Qtz vein (3cm thick)	Lightly altered	M			L	L	M	I			70'	
20					Medium alteration	M			L	L	L				
21					+ gln - calcite - serp frac @ 30° + minor B ₂ in frac.	M				L	L	L			
22	#4	53	+ Epidote - calcite - serp veinlet @ 95° + B ₂ & sp. on frac @ 70°		M			L	L	M	M			80'	
23						L			M	L	M				
24							M			I	M	M			
25	#4	83	+ Qtz - calcite veinlet (5mm thick) @ 80° + greenish calcite on frac @ 80°	Lightly altered	M			L	L	L				90'	
26					Medium alteration	M			L	L	L				
27						M			M	M	M	M			
28	#5	82			M			M	M	M			95'		
29					Lightly altered				I	I	M	M			
30			+ Aplite @ 50°		L			L	L	L					

SCALE: 1 CM = 1 METER

 I INTENSE
 M MEDIUM
 L LIGHT

LOGGED BY L. Tsang

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
31	#5	95	} Aplite @ 30° (5mm thick)	Medium - Light alteration										SKEENA Q. D.		
32			← Aplite (2cm thick)		L				L	M	L	M				105'
33			← Calcite stringer @ 80° ← Epidote - qtz veins @ 10°		L					L	M	L	M			
34	#6	98	← Bo with mafic	Lightly altered	L					M	L	M		110'		
35										L	L	L				
36			} Calcite - serp. stringers @ 70°-90°								L	L	L			
37	#7	97												120'		
38																
39																
40	#8	98	} Bo & cpy with two sets of fracs. one set @ 40°-50°; other @ 70°	Lightly altered										130'		
41																
42																
43	#9	91		Medium alteration										140'		
44			← Aplite (5mm thick) @ 60°	Lightly altered												
45																

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
46	#8	99		Lightly altered	L			L	L	L				SKEENA Q. D.	
47															155'
48			Calcite stringers	Medium alteration	M	L			M	L					
49	#9	63		Silicified				L	M	I	I		-160'		
50						M			L	M	M				
51							M				M	M	M		-170'
52															
53	#9	33			M			L	M	M	M	M	-180'		
54			Fine grained dism. Mo. on frs - serp - calcite fracs @ 70° Serp in fracs @ 70°		M			L	M	M	M	M			
55															
56	#9	99		Intensely altered. Sericite (?) fine veinlets // core Qtz veinlets of two sets; one @ 40° other @ 80°-90°				L	M	L			-190'		
57			Dism. Mo Dism cpy (fine grained) & minor Mo on fracs // core minor cpy with altered mafic cpy & Mo(?) dism. & with fracs // core Mo(?) with shear zone			L			L	M	I				
58															
59	#10	74		Medium alteration				L	M				-195'		
60			major dism. cpy		L			L	M						
61			massive Mo on fracs @ 70°-90° Dism cpy	Qtz stringers @ 60°	L			L	M	I			Shear Zone		

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
62	#10		→ Dism. Mo in qtz vein // core. Minor Bo.	Medium alteration	M	L		L	L	L				SKEENA Q. D.
63		76	→ Dism. Bo with mafic → Oxidized rock	Intensely altered				M	M					205'
64			→ Serp frac. → dism cpy on frac // core	} Sericite(?) veinlets	M		L	I	I	L				→ Shear zone
65	#11			Medium alteration	M	L		L	L	M	M			210'
66		85	→ frac // core											
67			→ calcite-serp veinlet @ 85°		M	L		L	M	M	M			
68			→ massive Mo. on frac @ 80°	→ oxidized frags.	M	L		L	M	M	M			220'
69		83	→ minor dism. cpy on frac. → dism. cpy in qtz vein // core	→ Qtz vein Light-Medium alteration	M			L	L					→ Slip
70								L	M					230'
71	#12				M			L	L	L				
72		60	→ Qtz veinlet (2mm thick) @ 70°											
73					M			L	M	M				
74			} Gangy material & oxidized fracs with Mo(?) @ 60°	Intensely altered				I	I					240'
75	#13	73	→ Epidote-serp-calcite veinlet	Medium alteration	M			M	M	M				245'
76					M			L	L	M				

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HELMITITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	X-FELDSPAR	LITHOLOGY	
77	#13	77	3 Bol(?) on frac @ 65°-70°	} frac @ 35° Medium alteration	M	L		L	M					SKEENA Q.D.	
78						M	M		L	M					255'
79				→ Mo with qtz stringers @ 50° → Mo on frac @ 80°	→ Qtz veinlet (12cm thick) @ 80°	L			I	I	L				LEUCO-MONZONITE
80	#14	94	→ Calcite coatings on frac	lightly altered Medium alteration	L			M	M	L				SKEENA Q.D.	
81							L			M	M	L			
82	#15	94			L			M	M	L				270'	
83						L			M	M	L				
84							M			M	I	L			
85	#16	92			L			M	M	L				280'	
86						L			M	I	L				
87							M			M	I	L			
88					L			M	M	L				290'	
89					L			M	I	L					
90			→ Bol(?) on frac		L			M	M	L				295'	
91			→ minor Bol on frac @ 61°		L			M	M	L					

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-369

HIGHMONT SURVEY GRID

NORTH: 78,040.89 AZIMUTH: 181° 41' 30"
EAST: 106,787.13 INCLINATION: -44°
COLLAR ELEVATION: 5,220.98 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
1	NO CORE													5'
2														
3														10'
4														
5														
6	#1			Lightly altered	L			L	M	M				SKENNA Q.D.
7		80	→ BFL stringer (1mm thick) @ 70° → kaolinized		L			L	M	M				20'
8			→ minor B _o		L			L	M	M				
9	#1													30'
10		83	→ Aplite (1cm thick) @ 60°		L			L	M	M				
11			→ minor B _o with mafic → B _o stringer @ 80° & 90° → B _o in frac @ 70° & 90° → B _o in frac @ 60°	Medium alteration Fresh rock	M			M	M	M	M			
12	#2				L			L	L	L				BETHSAIDA G.D. dyke (?)
13		81	→ minor B _o with mafic	Intensely altered Rock soft & fractured; dism. bleached biotite	M			M	M	H	M			40'
14			→ B _o in frac @ 70° & 90°	Lightly altered	L				L	L	L			45'

ABBREVIATIONS

SCALE : 1CM = 1METER

B_o BOYRITE
 CPY. CHALCOPYRITE
 CL CHALCOCITE
 II PARALLEL
 FRAC. FRACTURE
 DISM. DISSEMINATED

I INTENSE
 M MEDIUM
 L LIGHT

G.D. GRANODIORITE
 Q.D. QUARTZ DIORITE

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORIBONITE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
16	#2	60	→ minor B ₂ → Qtz stringers @ 70° (5mm thick)	Lightly altered	L			L	L	L				SKEENA Q.D.	
17						L									55'
18	#3	59	→ Mo on frac // core → Mo on frac // core	Medium alteration	M			M	M					60'	
19					Lightly altered	L			L	L	M				
20					→ Qtz vein (1cm thick) // core		M			M	M	M			
21	#4	77													
22				→ B ₂ on frac // core → B ₂ 2 cpy with Qtz veinlet @ 70°	Medium alteration	M		L	L	M	M				
23							L				L	M			
24	#4	58			M			L	M	M				80'	
25						M									
26							M			L	M	L			
27	#5	28												90'	
28				→ Qtz veinlet @ 40° (1cm thick)	Intensely altered	M			L	I	L				
29														95'	
30	#5			Intensely altered - coarse grained sericite	M			L	M	L		M			

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY					
31	#5	35	} Qtz vein with epidote stringers	Medium alteration	M	L		L	M	L				SKEENA Q. D.					
32																	105'		
33																		110'	
34																			120'
35																			
36												140'							
37	#6	57			M			L	M		M			145'					
38																			
39																			
40	#6	59			M			L	M	M	M			145'					
41																			
42																			
43	#7	67		} Intensely altered	M			L	M	M	M		145'						
44																			
45																			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEAVY EPIDOTE	SAFIRA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
46	#7	77	← Al_2 veinlet (1cm thick) with apatite // to it	Medium alteration	M			L	L	M	M			SKEENA Q. D. 155'
47														
48														
49	#8	88	← Bo in frac @ 70° & 85°		M			L	L	M	M			-160'
50					Lightly altered	L			L	L	M	M		
51					← Mo in frac @ 70°		L			L	L	L		
52	#8	92	← minor disc Mo in frac @ 30°		L				L	L	M			-170'
53				← Bo in frac @ 40° ← Bo in frac @ 60° ← Epidote - hematite - qtz veinlet (2cm thick)	Medium alteration	M				L	M	M		
54							M			M	M	M		
55	#9	98												-180'
56				← Mo with epidote - qtz vein @ 60°		M				M	M	M		
57				← Mo with epidote - qtz vein @ 70°		M				L	M	M		
58	#9	95	← Mo with epidote - qtz stringer @ 40°		M				L	M	M			-190'
59				← Mo with epidote - qtz vein		I			M	L	M	M		
60				← Mo with epidote - qtz vein		M				M	M	M		

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	B. WYTTIE	SERPENTINE	K-FELDSPAR	LITHOLOGY
62	#10	88		Medium - Light alteration	L			L	L	M				SKEENA Q.O. 205'
63														
64														
65	#11	74		Medium alteration	M		L	M	M	L			-210'	
66														
67					Mo on frac @ 40'									
68	#11	76			M			M	M	L			-230'	
69														
70														
71	#12	88			L			L	M	H			-240'	
72														
73														
74	#12	97		Intensely altered	M			M	M	M			-245'	
75					massive Mo. on frac // core									
76						Intensely altered - rock soft with dism. coarse grained sericite (?)								

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATTITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
77	#12		← Two calcite stringers @ 10° & 40°	Lightly altered	L			L	M	M				SKENNA Q. D.
78		91												255'
79					L			L	L	M				
80	#13													} Shear zone @ 60° -260'
81		70	← Aplite (2 cm thick)		L			L	L	M				
82			← massive Mo(?) with shear zone // core		L			M	L	M				
83			← Mo with 2 cm thick apite @ 40°	Medium alteration	M			M	M					} Shear zone -270'
84		75	← hematite stain on frags		M			L	M	M				
85			← Aplite		I			M						-280'
86	#14			Medium alteration										
87		83	← frags @ 40°		M			M	L	M	M	M		
88			← Mo with frags @ 40° & 50°					M						
89			} Mo with frags @ 40° & 50°		I			L	M	M	M			
90	#15	78	← Fractures & calcite stringers @ 20°	Lightly altered										-290'
91					M			L	M	M				295'
					M			M	M	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-370

HIGHMONT SURVEY GRID

NORTH: 78,089.71 AZIMUTH: 91° 59' 34"

EAST: 107,386.99 INCLINATION: -45°

COLLAR ELEVATION: 5199.32 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMIMITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
1	NO CORE													5'
2														
3														10'
4														
5														
6	#1	84		Lightly altered	L			L	L	L				} Floats SKEENA Q.D.
7			+ Qtz - aplite vein @ 40°	Medium alteration Lightly altered	M			M	M	M	M			
8			+ MoLD with shear zone @ 50°	Medium alteration Lightly altered	L				L	L	L			
9	#2	86		Medium alteration Lightly altered	M			M	M	M	M			30'
10				Medium alteration	L			L	L	L	M	M		
11				Medium alteration	M				L	L				
12	#2	98			M			M	L	M	M			40'
13			+ sericite(?) stringers @ 30°		M			M	L	M	M			
14			+ Aplitic @ 30°		M				L	L	M	M		
15														

SCALE 1 CM = 1 METER

ABBREVIATIONS: BO BOYRITE, II PARALLEL, I INTENSE, G.D. GRANODIORITE, Q.D. QUARTZ DIORITE, LOGGED BY L. TSANG
 CPY CHALCOPRITE, FRAC. FRACTURE, M MEDIUM, Q.D. QUARTZ DIORITE
 CL CHALCOCITE, DISM. DISSEMINATED, L LIGHT, M MEDIUM

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORPICO	CLAY	CHLORITE	BIOTITE	SERICITE	X-FELSPAR	LITHOLOGY	
16	#3	98		Lightly altered	M			L	L					SKEENA Q. D.	
17				Intensely altered - soft & crumble with coarse grained	M										55'
18				} Dism. cpy with qtz-calcite veinlet @ 60° Mo on frac.	dism. sericite(?) Medium alteration	L	L		L	M	I		M		
19	#3	93	← Dism. cpy in qtz vein (3.5cm thick)	← Calcite stringer @ 60° ← Quartz stringer @ 50°	M	L	L	M	M		M			70'	
20				} cpy stringers @ 70° ← massive cpy in qtz stringer // core ← Aplite @ 60° ← Aplite @ 40°		M	L								
21				} Py on stringers // core } cpy & py in // stringers @ 80°		M	L		L	M			M		
22	#4	94			M	L		L	M		M			80'	
23							L			I					
24				} // calcite stringers @ 20°					L	L			M		
25	#4	100		Lightly altered	L			M	L					90'	
26				← Aplite @ 10° (1.2cm thick)		L			L	L					
27							L			L	L				
28	#5	99			L			L	L					95'	
29				} massive cpy stringer // core ← massive cpy in frac. // core		L			L	L					
30				} Calcite coating on frac // core	Medium alteration	M			M	M	M	M			

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SULCA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K FELSPAR	LITHOLOGY	
31	#5			Medium alteration	M		L	M	M	M	M			SKEENA Q.D.	
32		97													105'
33	#6				M		L	M	M	M	M			110'	
34															Shear zone
35		98	3 Dism. cpy on frac // core } Dism. cpy in frags @ 70° ← Mo & B ₂ cpy in qtz stringers @ 70°			M		L	M	M	M	M			
36					M		L	M	M	M	M				
37				Lightly altered				L	L	L				120'	
38	#7				L			M	M	M				130'	
39		84	← cpy in frac ← cpy in frac @ 70° ← cpy in frags @ 70° } cpy in frags @ 70°	Medium alteration	L			M	L	M	M				
40						M			M	L	M	M			
41					M			L	L	M	M				
42					M			M	L	M	M				
43	#8													140'	
44		98	← Aplite (2 cm thick) @ 50° } cpy in frags // core ← Aplite (1.5 cm thick) @ 50°		M			M	L	M	M			145'	
45						M			M	L	M	M			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
46	#8		→ Mo (D) with gtz stringer	→ 4 // frac @ 70° Medium alteration										SKEENA Q.D.
47		76	→ cpy on frac // core	} Four fine // frac // core	I			M	M	M	M			
48			} Py & minor cpy with frac @ 70°-90°			I			M	M	M	M		
49	#9			} Qtz vein		I			M	M	M	M		
50		78	→ minor cpy in gtz stringers 70°			I			M	M	M	M		
51														
52														
53	#10		→ Dism cpy on frac // core → minor cpy on frac // core		M			L	M	M				
54		98		} massive cpy on frac // core		M			M	L	M			
55														
56					M			M	L	M				
57		73												
58			→ Mo with gtz stringer // core (small)		M			M	M					
59	#11		→ Mo on frac // core											
59			} cpy on frac // core minor cpy d. in. 2 with frac.	Intensely altered	M			M	I	M	M			190'
60		98					M			L	M	I		
61			} Mo & cpy with gtz vein at 50°-70°											

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	ALTERATION								LITHOLOGY		
					EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BARTITE	SERICITE		K-FELSPAR	
62	97		← H ₂ O(?) on slip @ 40° ← H ₂ on slip @ 50° B ₂ & cpy on frags @ 40° & 50°	Intensely altered // Kaolinized frags @ 40° & 50°										SKEENA Q.D. ← Slip @ 70°	
63															205'
64					#12										
65	98			Medium alteration											
66															220'
67															
68	96		← cpy on frac @ 50° ← minor cpy ← cpy on frac @ 70°												
69					#13										
70															
71	78		← top fine calcite stringers @ 50° ← H ₂ coating on frags @ 60° } fine-grained cpy in frags ← minor cpy in qtz veinlet @ 70° (3mm thick) & H ₂ on frac @ 80°												
72															
73															
74	100			Lightly altered											
75															245'
76															

SCALE: 1 CM = 1 METER

I INTENSE
 M MEDIUM
 L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HELMINTHE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
77	#14			Lightly altered				L	L	L				BETHSAIDA G. D. dyke(?)
78		97												SKEENA Q. D. 255'
79				Medium alteration	M		M			M	M			
80	#15		py on frac @ 70° Three stringers of py @ 70° minor cpy in frac py stringer @ 60°	fine calcite stringers	M		M							260'
81		98	massive cpy with frac & stringers @ 70°-80° minor py & cpy in frac	calcite stringers	M		M			M	M			
82														
83				thin veinlet (1cm thick) @ 40°	M			L		M	M			270'
84		88												
85	#16			Intensely altered				L	I					280'
86														
87		89						L	I					
88														
89	#17			Lightly altered				L	L	M				290'
90		98												295'
91								L	L	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-371

HIGHMONT SURVEY GRID

NORTH: 78,239.03 AZIMUTH: 94° 32' 11"
EAST: 107,386.74 INCLINATION: -45°
COLLAR ELEVATION: 5,197.28 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
1	#1	NO CORE													
2															5'
3															
4	#1	100		Medium alteration										SKEENA Q.D	
5				OXIDIZED FRACTURES	M					L	M	M			
6	#1	79			M					L	M	M		20'	
7						M					L	M	M		
8	#2	100		Lightly altered						L	L			30'	
9					Medium alteration	M					L	L			
10					← Aplite	M						M	M		
11	#2	88			L					L	L				
12				← cpy in frac @ 70°	M						L	L			← Slip @ 40°
13	#3	88		Lightly altered	M					M	M			40'	
14				← covellite, Bo & cpy on frac @ 70° ← & dism. cpy with mafic.		M						M	M		
15			← minor cpy. with mafic		L					L	L			45'	
			← Mo in calcite stringer ← Bo & cpy dism. in aplite		L					L	L				

ABBREVIATIONS

BO Biotite
 CPY CHALCOPYRITE. FRAC. FRACTURE
 Cc CHALCOHITE. DISM. DISSEMINATED
 etc. MALACONITE A. AT.

I INTENSE
 M MEDIUM
 L Light

G.D. GRANODIORITE
 Q.D. QUARTZ DIORITE

LOGGED BY L. TSANG

SCALE: 1 CM = 1 METER

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	QUARTZ	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
16	#3	88	→ B ₂ & cpy in gfa veinlet (1cm thick) // core → Aplite @ 16°	Lightly altered	L			L	M	L				SKEENA Q.O. 55'	
17					K-felspar(?) alteration	L		L	L	M	L				M
18					K-felspar(?) alteration										
19	#4	97	→ Mo(?) with slip } minor cpy on fracs // core & with mafic		L			L	M	L				70'	
20															
21					Medium alteration	M				L	L	L			
22	#5	86		Lightly altered	M									80'	
23															
24															
25	#5	98			L				L	L	L			90'	
26															
27															
28	#6	99	→ cpy with gfa stringer @ 20° → Aplite		L				L	L	L			95'	
29															
30															

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SULFIDE	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY		
31	#6	99		Lightly altered	L					L				SKEENA Q. D.		
32															105'	
33						Medium alteration	L M				L					
34	#7	100	} Py & cpy on frac // core ← Py & cpy on fractl core ← Py & Mo with qtz veinlet @ 40° ← Mo & cpy with shear zone @ 80°	Intensely altered - soft & crumble rock with coarse grained sericite (I) ← Qtz veinlet @ 40° (0.5 cm thick) Medium alteration	M				L	L	M			110'		
35												I				
36									M			L	M			
37	#7	99		Lightly altered	M					L				130'		
38																
39							M			L	L					
40	#8	98			M				L	L	M			140'		
41																
42							M			L	L	M				
43	#8	84		Medium alteration										145'		
44				← cpy with qtz veinlet @ 85°	Intensely altered	L				L	L					
45			#9		Medium alteration					L	L	M				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	2 CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
46				Medium alteration										SKEENA Q.D.	
47		99	→ Qtz stringer @ 40° (1cm thick)	Lightly altered	M		M		L	L	M			155'	
48	#9		→ Qtz stringer @ 40° with // fine lines of calcite stringers		L					L	L	L			
49			→ Py on frac @ 80°											-160'	
50		100	→ Py on frac @ 80°		L				L	L	L				
51			→ Py on frac @ 70°-85°		L				L	L	L				
52			Some py dism.	Medium alteration			L							-170'	
53	#10	100	Py & minor cpy on frags // core	→ K-feldspar (?) alteration	M				L	L	M		L		
54			→ minor py & cpy with mafic		M				L	L	M				
55			→ Dism. cpy with Qtz veinlet	→ Qtz veinlet // core (1cm thick)										-180'	
56		87	→ Py on frags @ 60°	Qtz veinlet (1-2 cm thick) // core Frags // core	M		M		L	L	M			→ Slip @ 85°	
57			→ Py in Qtz vein (2cm thick)												
58			→ Mo & cpy on Qtz frac // core												
59	#11		→ Mo in stringer // core		M		M		M	M	M			-190'	
60		98	Py & minor cpy dism. in Qtz veinlets & frags // core		M		M		M	M	M				
61			Aplites (2cm thick) @ 20°		M				L	L	L			195'	
62	#12		→ Qtz (1cm thick) veinlet @ 40°		M		M		L	I	L				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
62	#12	99	→ Aplite	Lightly altered	L			L	L	L				SKEENA Q. D. 205'
63			→ Aplite		L			L	L	L				
64														
65	96	96	→ Py in frac // core		M			L	L	L			-210'	
66			→ Qtz stringer @ 10°		L			L	L	L				
67										L	L	L		
68	#13	98	→ Calcite stringer @ 30°	} Medium alteration	M			L	M	M			-220'	
69						L			L	L	L			
70			→ fine // calcite stringers cross cutting the core		L			L	L	L				
71	99	99			M			M	L	M			-230'	
72					L			L	L	L				
73										L	L	L		
74	#14	86			M			M	L	M			-240'	
75					L			L	L	L				
76					M			M	L	M				

→ Slip @ 10°

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	MELMITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
77	#15	91		Lightly altered	L			L	L	L				SKEENA Q. D.		
78					L			L	L	L					255'	
79			→ minor cpy on frac // core → Calcite stringer @ 30°		M	M					M					260'
80	#15	100			L			L	L	L						
81			→ minor B ₂ on frac // core		L				L	L	L					
82			→ Aplite (1cm thick) @ 10°		M						M					270'
83	#15	100	→ Aplite (2cm thick) @ 50° → Aplite stringer @ 70° } Aplite (1cm thick) // core		L			L	L	M						
84			→ Aplite (2cm thick) @ 10°		M											
85					L				L	L	M					280'
86	#16	94	→ Aplite stringers @ 40° & // core → B ₂ on frac // core } Aplite (1 1/2 cm thick) // core → Qtz veinlet // apilite		L			L	L	M						
87					L				L	L	M					
88	#17	99												→ Sand zone		
89			→ Aplite stringer // core → Calcite stringer // core		L			L	M	L	M					290'
90			→ Aplite cross cutting the core } Qtz - calcite stringers // core → Mo (?) on frac		L				M	L	M					295'
91								M	L	M						

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-372

HIGHMONT SURVEY GRID

NORTH: 78,428.92 AZIMUTH: 94°59'23"

EAST: 107,576.09 INCLINATION: -45°

COLLAR ELEVATION: 5,185.37 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	CORE & RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
1														
2														5'
3														10'
4														
5														
6														20'
7														
8														
9														
10														30'
11	#1	84		Intensely altered	L	L		L	M					
12					L	L		L	I					
13					L	L		L	I					40'
14		52												45'
15	#2				M	L		L	I					

NO CORE

→ cpy in frac & with qtz stringers @ 20°-30°

→ BETHSaida G.D.
→ Slip @ 40°
→ SKEENA Q.D.
→ Shear zone @ 30°

→ Slip @ 40°

→ cpy with qtz stringer @ 50°

ABBREVIATIONS

- BO Biotrite
- CPY Chalcopyrite
- CL Chalcocite
- FRAC. Fracture
- DISM. Disseminated
- || Parallel
- I Intense
- M Medium
- L Light
- G.D. Granodiorite
- Q.D. Quartz Diorite

SCALE 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATTITE	SILICA	CHALCOPRITE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY		
16	#2	66		Medium alteration	M	L		M						SKEENA Q.D.		
17			→ calcite coating on frac					I	M					55'		
18							M	L		M	M				→ Shear zone	
19	#3	76	→ calcite coating on fractures @ 30°	Intensely altered.	M	L		I	I					60'		
20			→ Dism. epy with mafic		L	L										
21			→ minor epy with qtz stringer @ 30° → Dism. epy with qtz stringer @ 25° → Dism. epy		L	L	L	M	I							70'
22			→ epy with qtz veined @ 30°													
23	#3	64	→ Mo on slip	} Qtz vein	L	L	L	M	I					→ slip		
24			→ Dism. epy with frac & qtz stringers @ 30° → Mo on slip		M	L	L	M	M						→ slip	
25	#4	77		Medium alteration	M	L		L	M					→ Slip @ 50°		
26						M	L		L							
27			→ Dism. py & minor epy	L	L		I	M							→ Slip @ 50°	
28	#4	61			M	L		M	M					90'		
29			→ Dism. epy on frac @ 30°												95'	
30					M	L		M	M							

SCALE 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SULFIDE	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	Fe-FLUOR	LITHOLOGY
31				Medium alteration	M	L		M	M	L				SKEENA Q.D.
32		58		Intensely altered					I					105'
33	#5		→ minor cpy with frac @ 30°		M	L		M	M	L				
34			→ Dism. tarnished Bo		L	L		M	I	L				} Shear(?) zone @ 60°
35		49	→ Dism. tarnished Bo											
36					L	L		M	I	L				
37								I	I					120'
38		40	→ Ho(?) with calcite stringer @ 80°		L	L		M						
39	#6				L	L		M	I					
40					L	M		I	I					130'
41		46						M	I					→ Slip @ 25°
42								M	I					→ Slip @ 10°
43			} Dism. cpy											→ Slip @ 40°
44	#7	63	} minor disim. cpy					M	I					→ Slip @ 25°
45			→ Ho(?) on slip @ 80°					I	L					145'
														} FAULT(?) ZONE
														→ Shear zone // core

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HENNITE	SILICA	CARBONATE	CLAY	CALCITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
46	#83			Intensely altered - kaolinized				MI						SKEENA Q.D.
47														→ Slip // core
48									MI					→ Slip // core
49	#89		→ Qtz - calcite stringer @ 50°											-160'
50			→ // calcite stringer @ 30°	Intensely altered - dism. coarse grained sericite Medium alteration	M	L		LL			M			→ Slip // core
51			→ calcite stringer @ 30°			M	L		LL			M		
52	#99													-170'
53			} Dism. cpy		M	L		MM			M			
54			} minor dism. cpy → cpy on frac // core } Dism. py & cpy → Qtz - calcite stringer @ 20° } minor dism. cpy			M	L		MM			M		
55	#100			→ Calcite stringers @ 20° & 40°										-180'
56					M	L		M	MM	MM				
57					Lightly altered	L	M		L					
58	#88													-190'
59			→ Bo dism. on frac // core → Dism. Bo on frac @ 60°											
60					Medium alteration	L			LL					→ Slip @ 50°
61	#10		} Dism. Bo, cpy & py		M	L		M	M					

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	LITHOLOGY													
					EPICRITE	HEMATITE	SILICA	CARBONATE	CLAY	KOLONITE	BIOTITE	SERICITE	K-FELSPAR					
62	#10	82	Dism. cpy & Bo plus Bo with fract stringer @ 60°	Lightly altered	M										SKEENA Q.D.	205'		
63					L				L	L	M							
64			minor cpy & Bo		L					L	L	M				-20'		
65	#11	79			L					L	L							
66					L					L	L							
67			← calcite coating on frac @ 40°		L					L	L					-220'		
68	#11	83	← cpy on frac // core		L					L	L							
69					L					L	L							
70			← cpy & Bo on frac @ 70°		L					L	L							
71	#12	88		Fresh rock / Lightly altered	L					L	L						-230'	
72					L					L	L							
73					L					L	L						-240'	
74	#12	100			L					L	L							
75					L					L	L							
76	#13		← minor dism. Bo // core		L					L	L						← slip @ 80°	245'

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEAVY METALS	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
77	#13	98	→ Bo with // frac @ 80°	Lightly altered	L			L		L				SCREENA Q. D.	
78			} Bo with // frac @ 80°	Medium alteration	M			M		M	M			} Shear zone with calcite + epidote stringers @ 80°	
79			→ Bo on slip @ 80°		M			L		M	L				
80	#14	83		Medium alteration	M			M		L	M	M		→ Shear zone @ 70°	
81			→ Mo with qtz veinlet	Lightly altered											
82			→ py & cpy on frac // core → py & cpy on frac // core } py & cpy on frac // core	Medium alteration	L				L		L		M	M	
83	#14	87	} py on frac // core plus minor cpy.		L			L		L	M	M		→ Shear zone @ 80°	
84															
85				Medium - Light alteration	L				M	M	M	M			→ Shear zone @ 80°
86	#15	89			L			M	M	L				} Shear zone @ 80°	
87				Fresh / Lightly altered				L		L	L				→ Shear zone @ 80°
88			} py & cpy on frac // core						L	L	L				
89	#15	99	→ minor cpy on frac // core					L		L	L				
90															
91			→ minor Bo on frac // core → Bo on frac // core							L	L	L			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-373

HIGHMONT SURVEY GRID

NORTH: 78,237.06 AZIMUTH: 90° 55' 52"

EAST: 107,582.12 INCLINATION: -44°

COLLAR ELEVATION: 5,192.92 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERED	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
1	NO CORE													5'
2														
3														
4	#1	49												10' Floats consist of SKEENA G.D. & Q.D. (medium to fine grain) with high % of mafic BETHSaida G.D. medium grain Biotite >> hornblende Qtz stands in relief - coarse subhedral phenocrysts Biotite - book-like euhedral phenocrysts
5														
6														
7			→ cpy & Bo in frac @ 70°	Medium alteration - highly fractured	L			L	L					
8		43		Intensely altered	M			M	I					
9														
10				Intensely altered - greenish white color										
11		80	→ Barren qtz veinlet @ 40° → minor Mo (?) → calcite veinlet @ 40° → Barren qtz veinlet @ 30° → Barren qtz stringer @ 20° → calcite stringer @ 10°	Dism. coarse-grained sericite				M	I					→ Shear zone
12			→ Mo (?) with qtz veinlet (1cm thick) @ 60°	Intensely altered	M			M	I					
13	#2			Medium alteration	M			M	M					
14		65												45' } Shear zone
15			Dism. cpy & Bo with tarnished Bo (?) on frac.					M	M	M				

ABBREVIATIONS

SCALE 1 CM = 1 METER

BO Biotite // PARALLEL I INTENSE G.D. GRANODIORITE
 CPY CHALCOPIRITE FRAC. FRACTURE M MEDIUM Q.D. QUARTZ DIORITE
 Ca CHALCOITE DISM. DISSEMINATED L LIGHT M MAFIC
 Mo MOLYBDENUM

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CHALCOPRITE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
16	#2		tarnished $\text{Co}(\text{S})$ on fracs	Medium alteration	M	L		L	M	M				SKENA Q.D
17		87	→ gte stringer @ 10°											
18	#3		→ gte stringer @ 30°		M	L		M	M	L				} Shear zone
19			→ gte stringer @ 50°											→ Slip
20		73	→ $\text{Mo}(\text{S})$ in gte veinlet @ 50°		M			M	I	L				
21			} fine // fracs @ 60° → Dism. cpy on frac @ 70° & 60°		M			M	M	L				
22			} fine-grained cpy dism.	Intensely altered	M	L		M	M					→ Slip
23	#4	88	→ cpy with fracs @ 20° → $\text{Mo}(\text{S})$ with gte stringer @ 30° & 80°		→ Qtz veinlet (1cm thick) @ 60°			L	I	I	L			
24			→ Qtz veinlet @ 20°				L	I	I					} Shear zone with gte veinlets
25							L	I	I	M				} Fault(?) zone @ 70°
26		51		Intensely altered - rock soft & crumble										
27					M			I	I	L				
28							L	I	I	L				} Shear zone; fracs serpentinized
29		78	→ $\text{Mo}(\text{S})$ on slip plane @ 50°											} Shear zone with serpentinized fracs.
30								I	I	L				95'

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CHLORITE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY
31	#6			intensely altered serpentinized frags @ 70° & 70°				I	I					GREENA G.O. Shear zone
32		79		serpentinized frags @ 70° & 70°										Shear zone 105'
33				serpentinized frags @ 70°					I	I				
34			Bolus frags @ 80°											110'
35	#7							I	I					
36		77							I	I				
37	#8													
38		80			Rock soft & crumble & frags serpentinized.				I	I				FAULT(?) ZONE
39									I	L				
40	#7													
41		79			Medium alteration				I	I				
42								M	L	M	M	M		
43	#8									I	M	M		Shear zone 140'
44		82						L	M	M	M			
45									L	M	M	M		

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. ISANG

DEPTH IN METERS	BOX NO	CORE & RECOVERY	MINERALIZATION	ALTERATION	ALTERATION INDICES								LITHOLOGY	
					EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE		K-FELDSPAR
46	#8		→ Ec. stringer (3mm thick) @ 70°	Medium alteration										SKEENA Q.D.
47		92	→ Mo with frac & qtz stringer @ 50° → fine qtz stringers @ 70°		M			M	M	L				
48	#9		→ Hematite frags @ 70° with slickensides	Dism. coarse-grained sericite										160'
49			→ Dism. cpy & Bo on frac → Qtz // stringers @ 40° → Mo with qtz stringer @ 30°		M				L	M	L			
50			→ Mo & cpy with qtz stringer @ 30° → cpy with apatite @ 20°	Dism. coarse-grained sericite	M				L	M	L			170'
51		83	→ cpy with frac → Bo with frac → minor Mo on frac @ 50°						L	M	M	M		
52			→ Dism. cpy → Qtz stringer @ 40° displaces Bo	Intensely altered	M				L	M				180'
53	#10		→ Stringer by 1cm along the frac. → Hematite frags @ 80° → Calcite coatings on frac → Mo(?) on slip		L				M	M	M			
54			→ cpy stringer @ 10° → cpy stringer with qtz veinlet (5mm thick) @ 40°	Intensely altered → Qtz stringer @ 20° → calcite stringer @ 60° → calcite stringers	M	M			I	I				180'
55			→ Mo with frac @ 50° → Co(U) with qtz veinlet → Dism. cpy @ 60° dip											
56			→ Qtz veinlets @ 60°	Medium alteration	M	I			I	I				190'
57		81	→ Qtz-calcite veinlets @ 50°											
58			→ cpy & py dism. → Dism. cpy	Medium alteration → Qtz vein @ 70° → calcite coatings @ 80°	L	I	M		L	L	M			195'
59	#11		→ Dism. cpy											
60			→ Dism. cpy	Medium alteration → Qtz stringer @ 60°	L	I	M		L	L	M			195'
61		93	→ Dism. cpy											

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY	
62	#12	99	+ Dism. cpy	Medium alteration	L			L	M	M			M	SKENNA Q.D.	
63			+ cpy & Bo with frac @ 80°	Intensely altered	L			L	M	M				M	} Shear zone - serpentinized 203'
64															
65	#13	91	} DISM. cpy & Bo		L			L	M	M			M	-20'	
66															
67			+ Mo coating on frac @ 60° + Mal(?) with slip } Dism cpy & Bo (minor)		L				L	M	M			M	+ Shear zone @ 60°
68	#13	86			L			L	M				M	+ Shear zone @ 80° -220'	
69														M	+ Shear zone @ 50° } FAULT (?) ZONE - serpentinized
70									L	M				M	+ Shear zone
71	#14	99	} Dism. cpy						L	M			M	-230'	
72			} Dism. cpy & Bo											M	+ Shear zone @ 70°
73										M	I	M		M	
74	#14	92							M	I	M			+ Shear zone @ 70° -240'	
75														M	} FAULT (?) ZONE - serpentinized fracs @ 70°-80° 245'
76						Medium alteration	M			M	L	L	M	M	

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	X-FELDSPAR	LITHOLOGY
77	#14			Medium alteration	M		M	L	L	M	M			SKEENA Q.D.
78		93	Mo on slip @ 60° M.O. with frac @ 30°		M			L	L	M	M			← slip @ 60° ← Shear zone @ 80° 255'
79														260'
80	#15				M			L	L	M	M			
81		92	← Qtz stringer @ 85°		M			L	L	M	M			
82			← Qtz stringer @ 60° ← calcite stringers @ 30°		M			M	M	M	M			270'
83		98	← calcite coatings in frac @ 30°		M			M	M	M	M			
84					M			M	M	M	M			
85	#16		← Qtz stringer @ 30° ← B ₂ on frac // core	← calcite stringer // core				M	M	M	M			280'
86		100	← B ₂ with frac @ 70°	Lightly altered	M			L	L	L				
87			← B ₂ with frac @ 70°		L			L	L	L				
88				← Qtz stringer @ 70°				L	L	M	M			290'
89				Medium alteration	L			L	L	M	M			
90	#17	93			L			L	L	M	M			295'
91					L			L	L	M	M			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-374

HIGHMONT SURVEY GRID

NORTH: 78,087.31 AZIMUTH: 95°01'19"

EAST: 107,589.19 INCLINATION: -44°

COLLAR ELEVATION: 5194.15 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
1														
2														5'
3														10'
4														
5														
6														20'
7														
8														
9														
10														
11														
12														
13														
14														
15														

NO CORE

90

Mo on frac @ 50°
cpy with qtz veinlet @ 30°
cpy & Mo on frac @ 10°

calcite coating on frac
Intensely altered

M L L I L

OXIDIZED ZONE
SKEENA Q.D.

#1

88

Mo(?) on frac @ 70°
calcite stringer @ 70°
Dism. cpy with frac @ 30°
Frac @ 20°
Mo(?) with frac @ 50° & 70°

Medium alteration

M L L I L

Shear @ 30°
Shear @ 60°

#2

96

Qtz veinlet (5mm thick) @ 20°
Qtz veinlet @ 10°

Medium alteration

M L L M M

Shear @ 70°

ABBREVIATIONS

- BO Biotite
- CPY Chalcopyrite
- Ca Chalcocite
- FRAC Fracture
- DISM. Disseminated
- II Parallel
- I Intense
- M Medium
- L Light
- G.D. Granodiorite
- Q.D. Quartz Diorite

SCALE: 1 CM = 1 METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	ORSONITE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY
16	#2	78		Intensely altered - rock is soft + crumble	M	L		L	I					SKEENA Q. D. 55'
17														
18			← calcite stringer @ 50°	Intensely altered	M	L		L	I					60'
19	#3	88	← Mo & apy		M				M					} shear zone ← shear zone + slip + slip 70'
20										L	I			
21					← Mo(?) with calcite veinlet @ 50° ← apy in qtz vein (1cm thick) @ 70°									
22	#4	93			M			L	I				← shear zone @ 40° 80'	
23				← fine grained epy dism. in qtz veinlet (5mm thick) @ 50° ← apy stringer @ 70°						M	L			
24				← apy + Mo(?) with slip @ 50°			M				L	I		
25	#4	66	← apy & Mo(?) with slip @ 40° ← Mo with frac @ 50°		M			L	I				← slip @ 40° 90'	
26														
27			← Mo(?) on frac @ 80°		M			L	I				} Shear Zone ← shear @ 60° 95'	
28	#5	99	← apy with frac @ 60°	Intensely altered - kaolinized -	M			L	I					
29				← apy with frac @ 50° ← Bd(?) with qtz veinlet @ 35° ← apy with frac @ 40° plus dism. py										
30				← apy with frac @ 50°			M			L	I			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SULFA	CHALCOPRITE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY		
31	#5	98	→ cpy with frac @ 20°	Medium alteration	M				LM					Shear @ 30° Q.D.		
32																105'
33							M				LM					
34	#6	74	→ minor dism. fine grained cpy	Intensely altered	L				M					Shear		
35				→ Mo on slip @ 20°						L	I					
36				→ 11 frags with minor cpy @ 50°	Medium-Intense alteration	M					L	M				
37				→ cpy with qtz stringer @ 50° → cpy + Mo with slip @ 70°	Intensely altered							I				
38	81		→ cpy in frags @ 20-30°	Medium alteration						LM						
39				→ minor dism. cpy		L					L					
40	#7	79	→ minor dism. Mo & cpy							LM				Shear zones with minor Mo(?)		
41				→ cpy, Mo & py dism.		M	M				M	L				
42				→ minor dism. cpy	minor qtz & calcite stringers	M					M	L				
43	#8	73	→ calcite veinlet @ 20°											Shear Shear zone @ 20°		
44				→ qtz & calcite veinlet @ 40° → dism. cpy	calcite stringers						M	M				
45				→ Mo on slip @ 70° → minor dism. py	qtz veinlet @ 25° Serpentinized frags.							M	M			

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	UNLAPITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY	
46	#8	76	← minor dism. cpy	← calcite veinlet @ 20°			L	M	L					SKERNA Q. D.	
47			Dism. cpy with a network of calcite stringers.	← Qtz veinlet @ 25°	M				I	I				← shear @ 20°	
48			← minor Mo	Medium alteration											} FAULT (?) ZONE 155'
49	Dism. py with minor cpy.	← calcite-sericite (?) stringers	M				M	L			M		-160'		
50	#9	100	Dism. cpy & py	← Dism. coarse grained sericite	M										
51			Dism. py	Lightly altered	L				L	M	M				
52			Dism. cpy & py	Medium alteration	M				L	L	M	M			
53	#9	95	← minor dism. cpy with apfites	← Calcite veinlet @ 30°											
54			← minor cpy on frac // core	Lightly altered	M				L	L	M	M			← shear @ 40°
55			Medium alteration	L					L	L					
56	#10	96		← minor cpy on frac // core	M									← shear @ 30	
57			Lightly altered	L					L	L					
58			← frags // core	L						L	L				
59	#11	99		Medium alteration	L									-190'	
60			← Qtz veinlet @ 60°	Medium alteration	L					L	M	M			195'
61			Dism. py & cpy		M					L	M	M			

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
62	#11	89	Dism. cpy → calc. cpy & Mo in qtz veinlet @ 70° Dism. cpy & Fe (minor amount)	Medium alteration	M	L	M	L	L	M	M			SKEENA Q.D. → Shear @ 70°	
63															205'
64															
65	#12	95	→ minor dism. cpy → calcite stringer @ 50° → massive cpy with qtz veinlet @ 60°	Dism. coarse grained sericite	M			L	L				M	-210'	
66															
67															
68	#12	99	→ cpy on frac @ 50° → cpy on frac @ 50° → cpy on frac @ 50° → minor cpy → cpy with qtz stringer @ 70°	Dism. coarse grained sericite	M			L	L	M	M		M	-220'	
69															
70															
71	#13	92	→ cpy with qtz veinlet @ 70° → cpy with frac @ 70°	serpentinized fractures Dism. coarse grained sericite	M			M	L	M			M	→ Shear @ 70° -230'	
72															
73															
74	#14	87	→ minor dism. cpy → minor dism. cpy → calcite veinlet @ 60°	serpentinized	M			M	L	L	M	M	M	→ Shear @ 30° -240'	
75															245'
76															

SCALE: 1 CM = 1 METER

I INTENSE
M MEDIUM

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
77	#14	100	← Dism. py with qtz-calcite veinlet @ 10°	← Qtz veinlet // core Intensely altered	M				I					SREENA Q.D.	
78			minor dism. cpy ← cpy on frac @ 60°	← qtz-calcite stringers @ 40° Medium alteration	M				M	M				← Shear @ 80'	255'
79						M				M	M				← Shear @ 50'
80	#15	99		← hematite with qtz veinlet // core } silicified lightly altered	M	L	M							-260'	
81			minor dism. cpy & Bo plus with frac // core		L					L	L	M			
82			Dism. cpy & Bo. plus on fracs // core		L					L	L	M			-270'
83	#15	96	minor dism. cpy		L				L	L	M				
84						L				L	L	M			
85			← cpy & Bo with qtz vein @ 50° (1cm thick) ← No on frac // core minor dism. cpy	calcite stringers @ 20° Medium alteration	M					M	M				-280'
86	#16	98			M				L	L	M	M			
87			minor dism. cpy plus cpy with frac // core		M					L	L	M	M		
88				← Qtz stringer @ 70°		M				L	L	M	M		-290'
89	#16	93	Dism. cpy with frac // core		M				L	L	M	M			
90			minor dism. cpy ← qtz veinlet @ 80°	← Qtz veinlet @ 80°		M									295'
91			← minor Bo. on frac @ 60°	Lightly altered		M				L	L				

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

BOREHOLE LOG

DIAMOND DRILL HOLE # 79-375

HIGHMONT SURVEY GRID

NORTH: 77,111.98 AZIMUTH: 176°-39'-09"

EAST: 107,639.87 INCLINATION: -43°

COLLAR ELEVATION: 5236.10 LENGTH: 91.4 meters

NO. OF PAGES OF LOG: 6

LOGGED BY: LOUIS H. C. TSANG

SIGNATURE

Louis Tsang.

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	PERMAITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERPENTINE	K-FELDSPAR	LITHOLOGY
1														
2														5'
3														
4														10'
5														
6														
7														20'
8														
9														
10	#1	71	→ minor Bo with mafic → 3 qtz stringers @ 60° → Mo & cpy on frac @ 70° → Mo(?) with epidote matrix @ 65° → calcite stringer @ 45° → Mo & cpy on frac.	Intensely altered, oxidized fractures										30'
11														
12														
13														40'
14	#2	86	→ py on frac // core → calcite stringer @ 50°	Intensely altered - rock soft & crumble										45'
15														

ABBREVIATIONS

BO BOYRITE
 CPY CHALCOPYRITE
 Cc CHALCOCITE
 II PARALLEL
 FRAC. FRACTURE
 DISM. DISSEMINATED

I INTENSE
 M MEDIUM
 / LIGHT

G.D. GRANODIORITE
 Q.D. QUARTZ DIORITE

SCALE 1:1CM = 1METER

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDYATE	HEMATITE	SILICA	QUARTZ	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELSPAR	LITHOLOGY		
16	#2	88	→ Mn(?) with gls @ 40° → Py & Mn(?) with frac sets @ 70° & 15° → cpy & Mn(?) with gls stringer @ 10° → cpy & Ba(?) in frags.	Intensely altered				I	I					SKREENA Q. D. } Shear zone 55'		
17																
18										I	I					
19	#3	87	→ Ba(?) in frags → Qtz stringer (.5cm thick) @ 20° → minor dism. cpy & Ba in gls vein (3cm thick) @ 40° → Ba(?) on frac @ 40° → minor Ba(?) in gls stringer @ 60°											60'		
20																
21								M								
22	83	→ Ba & cpy with gls stringer @ 50° & frags @ 40° → Ba(?) with frac @ 90° → Ba(?) with frags @ 40° & 50° → Ba(?) & dism cpy with gls veinlets & frac @ 40°	Medium alteration										70'			
23				Intensely altered	M										→ Shear zone	
24																
25	#4	88	→ Ba & cpy with frags @ 40° & 50° → calcite stringers @ 40° → Ba & cpy with frags @ 40° & 50°	Medium alteration									80'			
26																
27						Chloritized										
28	#5	88	→ Qtz stringer @ 50° → Qtz stringer @ 10° → cpy & Ba with two frags // core → Qtz stringers @ 70° & 40° → Ba & cpy on frags @ 40° - 80°	Intensely altered									90'			
29					Medium alteration											→ Slip 95'
30																

SCALE 1 CM = 1 METER

I INTENSE
 M MEDIUM
 L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SULFIDE	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K FELSPAR	LITHOLOGY	
31	#5	86	+ Bo & cpy with frac @ 50°-60°	Medium alteration						M	M			SKEENA Q.O.	
32			+ Bo & cpy with frac & qtz stringer @ 40°-70°		M		L	L							105'
33			+ Bo & cpy in qtz veinlet @ 50° + Mol% on frac // core		M		L	M	L						
34	#6	89	+ minor cpy + cpy on frac // core	+ qtz veinlet (5mm @ 50°						M				110'	
35			+ Dis. cpy + cpy stringer @ 60°		M		L	M	M						
36			+ Bo & cpy with frac @ 60°-75° & dis. Bo & cpy.	+ qtz stringer @ 40°	M		L	L	M						
37	#7	91	+ cpy & Bo with frac + minor cpy in qtz stringer @ 70°	+ Aplite (3 cm thick) @ 30°										120'	
38			+ Hematite - qtz - calcite stringer @ 80°	M	L		M	L							
39			+ qtz veinlet @ 70°	M		M	L	L	M						+ Shear zone
40	#7	85												130'	
41			+ Bo on frac // core	+ 2 sets of calcite - serp stringers @ 60°	M	L		L	L		M	M			
42			+ py on frac @ 40° + Bo & cpy in qtz stringer // core		M	L		L	M	L	M	M			
43	#8	83	+ minor cpy											140'	
44					M		L	L	M	M					
45					M			M	M						145'

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY	
46	#8	92	M ₆ (D) with slip + Mo(D) with qtz vein	Lightly altered					I					Shear zone SKEENA G.O. 155'	
47					M		L	L	L						
48				+ minor epy in calcite stringer @ 10°											
49	#9	91	+ Dism. Bo on frac @ 70°											160'	
50				+ Bo in qtz veinlet @ 40°		M			L	L					
51				+ epy (minor) in frac @ 70°											
52				+ Bo with two frac @ 70°		M			M	L					170'
53	#10	73	+ Dism. Bo & epy on frac @ 70°											180'	
54				+ minor Mo(D) + epy with qtz stringer @ 80° + epy with qtz lenses + fine grained epy & py in frac + Mo in qtz veinlet @ 70°		M		L	L	L					+ Slip // core
55						M	L	L	L	L					
56	#10	96		Fresh rock		M	L	L	L	L				180'	
57														+ Shear zone @ 80° LEUCO-MONZONITE (?)	
58	#11	93												190'	
59															
60							L		L	L	L				195'
61					L		L	L	L						

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION	EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE	K-FELDSPAR	LITHOLOGY		
62	#11	99		Medium alteration	L									LEUCO-MONZONITE SKEENA Q.D.		
63			← Bo in frac	Fresh rock	M				L	L						
64	#12	98												LEUCO-MONZONITE 205'		
65			← Qtz stringer @ 20"		L				L							
66						L				L						
67			← K-feldspar alteration												M	
68	#13	98	← Qtz stringer @ 50"		L				L					-220'		
69			← K feldspar alteration							L					M	
70	#13	100			L				L					-230'		
71			← Qtz stringer @ 50"							L						
72			← K-feldspar								L					M
73	#14	99			M									-240'		
74				Medium alteration	L											
75				Lightly altered Medium alteration	M											SKEENA Q.D. - abundant coarse poikilitic hornblende porphyritic texture 245'
76					L											

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHT

LOGGED BY L. TSANG

DEPTH IN METERS	BOX NO.	% CORE RECOVERY	MINERALIZATION	ALTERATION									LITHOLOGY		
					EPIDOTE	HEMATITE	SILICA	CARBONATE	CLAY	CHLORITE	BIOTITE	SERICITE		K-FELDSPAR	
77	#14	99		Lightly altered Medium alteration	L				L	L	M	M		SKEENA Q.D. 255'	
78				Lightly altered Medium alteration	L				L	L	M	M			
79				Lightly altered	L					L	L	M	M		
80	#15	98	← dism Bo on frac @ 70° ← Bo in frac @ 40°		L				L	L	L			260'	
81					L				L	L	M				
82				Medium alteration	L					L	L	M			
83	#15	93	← Bo (minor) in frac @ 80° ← minor Bo in frac ← Qtz veinlet (1 cm thick) @ 80° ← Bo in frac @ 60°		M				M	M	M	M		270'	
84					M				M	M	M	M			
85					M					M	M	M	M		
86	#16	86	← barren qtz stringer @ 60°		M				M	M		M	M	280'	
87					M				M	M					
88				minor cpy & Mo(?) with qtz veinlets // core	Intensely altered	M				M	M	I			
89	#17	90							M	I				290'	
90				← Bo & minor cpy on frac @ 60° ← Bo with qtz stringer	Medium alteration										
91					Medium alteration	M				L	L	M	M		

SCALE : 1 CM = 1 METER

I INTENSE
M MEDIUM
L LIGHTLOGGED BY L. TSANG

APPENDIX C: DIAMOND DRILL HOLE ASSAYS

HIGHMONT OPERATING CORPORATION

HOLE # 79-350

NORTH 77380.70
EAST 108066.10
ELEVATION 5203.70

AZM. 182-37-09
DIP -46 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
20-30	6.10-9.14	0.095	0.002
30-40	9.14-12.19	0.050	0.002
40-50	12.19-15.24	0.022	0.003
50-60	15.24-18.29	0.103	0.004
60-70	18.29-21.34	0.037	0.004
70-80	21.34-24.38	0.028	0.005
80-90	24.38-27.43	0.019	0.026
90-100	27.43-30.48	0.084	0.014
100-110	30.48-33.53	0.027	0.024
110-120	33.53-36.58	0.008	0.005
120-130	36.58-39.62	0.010	0.005
130-140	39.62-42.67	0.140	0.008
140-150	42.67-45.72	0.013	0.005
150-160	45.72-48.77	0.014	0.010
160-170	48.77-51.82	0.002	0.020
170-180	51.82-54.86	0.011	0.003
180-190	54.86-57.91	0.020	0.002
190-200	57.91-60.96	0.040	0.006
200-210	60.96-64.01	0.026	0.050
210-220	64.01-67.06	0.038	0.005
220-230	67.06-70.10	0.024	0.006
230-240	70.10-73.15	0.006	0.003
240-250	73.15-76.20	0.010	0.005
250-260	76.20-79.25	0.014	0.010
260-270	79.25-82.30	0.296	0.010
270-280	82.30-85.34	0.057	0.006
280-290	85.34-88.39	0.154	0.012
290-300	88.39-91.44	0.081	0.054
300-306	91.44-94.49	0.055	0.018

HIGHMONT OPERATING CORPORATION

HOLE #79-351

NORTH 77519.14
EAST 108068.77
ELEVATION 5195.10

AZM. 183-52-48
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS</u>	<u>CU %</u>	<u>MO %</u>
4-10	1.22-3.05	0.033	0.002
10-20	3.05-6.10	0.111	0.002
20-30	6.10-9.14	0.064	0.002
30-40	9.14-12.19	0.058	0.003
40-50	12.19-15.24	0.135	0.015
50-60	15.24-18.29	0.037	0.008
60-70	18.29-21.34	0.122	0.004
70-80	21.34-24.38	0.067	0.003
80-90	24.38-27.43	0.068	0.036
90-100	27.43-30.48	0.053	0.006
100-110	30.48-33.53	0.095	0.024
110-120	33.53-36.58	0.024	0.001
120-130	36.58-39.62	0.067	0.003
130-140	39.62-42.67	0.026	0.002
140-150	42.67-45.72	0.012	0.001
150-160	45.72-48.77	0.028	0.003
160-170	48.77-51.82	0.078	0.002
170-180	51.82-54.86	0.157	0.010
180-190	54.86-57.91	0.236	0.021
190-200	57.91-60.96	0.015	0.007
200-210	60.96-64.01	0.005	0.002
210-220	64.01-67.06	0.013	0.020
220-230	67.06-70.10	0.006	0.030
230-240	70.10-73.15	0.005	0.020
240-250	73.15-76.20	0.002	0.009
250-260	76.20-79.25	0.010	0.004
260-270	79.25-82.30	0.005	0.007
270-280	82.30-85.34	0.002	0.020
280-290	85.34-88.39	0.030	0.024
290-300	88.39-91.44	0.004	0.011

HIGHMONT OPERATING CORPORATION

HOLE #79-352

NORTH 77536.98
EAST 107869.02
ELEVATION 5198.82

AZM. 181-32-58
DIP -42 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
10-20	3.05-6.10	0.313	0.005
20-30	6.10-9.14	0.090	0.001
30-40	9.14-12.19	0.041	0.001
40-50	12.19-15.24	0.034	0.004
50-60	15.24-18.29	0.087	0.028
60-70	18.29-21.34	0.161	0.002
70-80	21.34-24.38	0.036	0.001
80-90	24.38-27.43	0.058	0.002
90-100	27.43-30.48	0.023	0.007
100-110	30.48-33.53	0.208	0.007
110-120	33.53-36.58	0.057	0.011
120-130	36.58-39.62	0.146	0.004
130-140	39.62-42.67	0.040	0.002
140-150	42.67-45.72	0.017	0.002
150-160	45.72-48.77	0.076	0.003
160-170	48.77-51.82	0.079	0.039
170-180	51.82-54.86	0.098	0.002
180-190	54.86-57.91	0.107	0.002
190-200	57.91-60.96	0.280	0.078
200-210	60.96-64.01	0.096	0.114
210-220	64.01-67.06	0.078	0.006
220-230	67.06-70.10	0.037	0.009
230-240	70.10-73.15	0.034	0.004
240-250	73.15-76.20	0.009	0.002
250-260	76.20-79.25	0.015	0.003
260-270	79.25-82.30	0.060	0.006
270-280	82.30-85.34	0.012	0.004
280-290	85.34-88.39	0.027	0.018
290-300	88.39-91.44	0.033	0.002

HIGHMONT OPERATING CORPORATION

HOLE # 79-353

NORTH 77,389.67
EAST 107,868.69
ELEVATION 5207.37

AZM. 180-00-00
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
14-20	4.27-6.10	0.014	0.004
20-30	6.10-9.14	0.343	0.081
30-40	9.14-12.19	0.073	0.006
40-45	12.19-13.72	0.061	0.007
45-50	13.72-15.24	0.400	0.209
50-60	15.24-18.29	0.208	0.098
60-70	18.29-21.34	0.237	0.019
70-80	21.34-24.38	0.165	0.016
80-90	24.38-27.43	0.230	0.028
90-100	27.43-30.48	0.154	0.011
100-110	30.48-33.53	0.343	0.010
110-120	33.53-26.58	0.247	0.019
120-130	36.58-39.62	0.242	0.025
130-140	39.62-42.67	0.218	0.053
140-150	42.67-45.72	0.409	0.202
150-160	45.72-48.77	0.226	0.071
160-170	48.77-51.82	0.495	0.209
170-180	51.82-54.86	0.150	0.047
180-190	54.86-57.91	0.173	0.054
190-200	57.91-60.96	0.152	0.025
200-210	60.96-64.01	0.243	0.027
210-220	64.01-67.06	0.156	0.034
220-230	67.06-70.10	0.166	0.013
230-235	70.10-71.63	0.125	0.024
235-240	71.63-73.15	0.193	0.292
240-245	73.15-74.68	0.168	0.011
245-250	74.68-76.20	0.241	0.031
250-260	76.20-79.25	0.082	0.011
260-270	79.25-82.30	0.056	0.011
270-280	82.30-85.34	0.029	0.013
280-290	85.34-88.39	0.042	0.004
290-300	88.39-91.44	0.126	0.033

HIGHMONT OPERATING CORPORATION

HOLE #79-354

NORTH 77239.01

EAST 107868.83

ELEVATION 5217.84

AZM. 180-17-57

DIP -48 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
30-40	9.14-12.19	0.025	0.015
40-50	12.19-15.24	0.066	0.096
50-60	15.24-18.29	0.121	0.085
60-70	18.29-21.34	0.119	0.032
70-80	21.34-24.38	0.132	0.012
80-90	24.38-27.43	0.119	0.006
90-100	27.43-30.48	0.212	0.104
100-110	30.48-33.53	0.054	0.006
110-120	33.53-36.58	0.046	0.006
120-130	36.58-39.62	0.117	0.072
130-140	39.62-42.67	0.120	0.026
140-150	42.67-45.72	0.041	0.009
150-160	45.72-48.77	0.015	0.006
160-170	48.77-51.82	0.006	0.025
170-180	51.82-54.86	0.106	0.011
180-190	54.86-57.91	0.027	0.010
190-200	57.91-60.96	0.006	0.003
200-210	60.96-64.01	0.005	0.007
210-220	64.01-67.06	0.076	0.009
220-230	67.06-70.10	0.097	0.009
230-240	70.10-73.15	0.127	0.060
240-250	73.15-76.20	0.095	0.010
250-260	76.20-79.25	0.007	0.009
260-270	79.25-82.30	0.005	0.008
270-280	82.30-85.34	0.021	0.004
280-290	85.34-88.39	0.005	0.005
290-300	88.39-91.44	0.044	0.005

HIGHMONT OPERATING CORPORATION

DDH #79.355

NORTH 77211.17
EAST 108072.87
ELEVATION 5201.80

AZM. 180.00
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
20.5-30	6.25-9.14	0.037	0.011
30-40	9.14-12.19	0.148	0.003
40-50	12.19-15.24	0.235	0.003
50-60	15.24-18.29	0.130	0.062
60-70	18.29-21.34	0.650	0.049
70-80	21.34-24.38	0.794	0.057
80-90	24.38-27.43	0.108	0.012
90-100	27.43-30.48	0.023	0.006
100-110	30.48-33.53	0.009	0.001
110-120	33.53-36.58	0.026	0.003
120-130	36.58-39.62	0.031	0.003
130-140	39.62-42.67	0.272	0.019
140-150	42.67-45.72	0.431	0.037
150-160	45.72-48.77	0.031	0.010
160-170	48.77-51.82	0.032	0.018
170-180	51.82-54.86	0.063	0.089
180-190	54.86-57.91	0.044	0.025
190-200	57.91-60.96	0.010	0.001
200-210	60.96-64.01	0.010	0.016
210-220	64.01-67.06	0.015	0.005
220-230	67.06-70.10	0.005	0.004
230-240	70.10-73.15	0.036	0.029
240-250	73.15-76.20	0.004	0.006
250-260	76.20-79.25	0.006	0.005
260-270	79.25-82.30	0.042	0.126
270-280	82.30-85.34	0.214	0.014
280-290	85.24-88.39	0.036	0.003
290-300	88.39-91.44	0.016	0.002

HIGHMONT OPERATING CORPORATION

DDH #79-356

NORTH 77670.26
EAST 108064.66
ELEVATION 5188.88

AZM. 180-00
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
10-20	3.05-6.10	0.020	0.004
20-30	6.10-9.14	0.026	0.003
30-40	9.14-12.19	0.006	0.003
40-50	12.19-15.24	0.137	0.034
50-60	15.24-18.29	0.038	0.004
60-70	18.29-21.34	0.068	0.004
70-80	21.34-24.38	0.017	0.003
80-90	24.38-27.43	0.014	0.004
90-100	27.43-30.48	0.067	0.004
100-110	30.48-33.53	0.352	0.008
110-120	33.53-36.58	0.221	0.011
120-130	36.58-39.62	0.167	0.008
130-140	39.62-42.67	0.067	0.007
140-150	42.67-45.72	0.016	0.002
150-160	45.72-48.77	0.037	0.004
160-170	48.77-51.82	0.019	0.004
170-180	51.82-54.86	0.032	0.004
180-190	54.86-57.91	0.112	0.007
190-200	57.91-60.96	0.479	0.029
200-210	60.96-64.01	0.026	0.128
210-220	64.01-67.06	0.208	0.042
220-230	67.06-70.10	0.141	0.016
230-240	70.10-73.15	0.044	0.004
240-250	73.15-76.20	0.020	0.003
250-260	76.20-79.25	0.062	0.003
260-270	79.25-82.30	0.022	0.002
270-280	82.30-85.34	0.011	0.002
280-290	85.34-88.39	0.045	0.009
290-300	88.39-91.44	0.024	0.004

HIGHMONT OPERATING CORPORATION

DDH #79-357

NORTH 77,671.82
EAST 107,867.64
ELEVATION 5192.17

AZM. 180-00
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
15-20	4.57-6.10	0.044	0.008
20-30	6.10-9.14	0.218	0.005
30-40	9.14-12.19	0.354	0.010
40-50	12.19-15.24	0.658	0.016
50-60	15.24-18.29	0.042	0.003
60-70	18.29-21.34	0.278	0.011
70-80	21.34-24.38	0.135	0.010
80-90	24.38-27.43	0.197	0.007
90-100	27.43-30.48	0.153	0.004
100-110	30.48-33.53	0.040	0.002
110-120	33.53-36.58	0.031	0.002
120-130	36.58-39.62	0.009	0.001
130-140	39.62-42.67	0.027	0.001
140-150	42.67-45.72	0.060	0.013
150-160	45.72-48.77	0.094	0.009
160-170	48.77-51.82	0.011	0.003
170-180	51.82-54.86	0.037	0.003
180-190	54.86-57.91	0.110	0.003
190-200	57.91-60.96	0.402	0.009
200-210	60.96-64.01	1.090	0.014
210-220	64.01-67.06	0.204	0.003
220-230	67.06-70.10	0.194	0.005
230-240	70.10-73.15	0.382	0.002
240-250	73.15-76.20	0.940	0.085
250-260	76.20-79.25	0.368	0.007
260-270	79.25-82.30	0.093	0.004
270-280	82.30-85.34	0.368	0.006
280-290	85.34-88.39	0.133	0.009
290-300	88.39-91.44	0.054	0.013

HIGHMONT OPERATING CORPORATION

DDH #79-358

NORTH 7,238.56
EAST 10,592.02
ELEVATION 5222.96

AZM. 180-00
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
9-20	2.74-6.10	0.058	0.005
20-30	6.10-9.14	0.008	0.020
30-40	9.14-12.19	0.009	0.009
40-50	12.19-15.24	0.023	0.024
50-60	15.24-18.29	0.061	0.033
60-70	18.29-21.34	0.250	0.013
70-80	21.34-24.38	0.074	0.039
80-90	24.38-27.43	0.354	0.036
90-100	27.43-30.48	0.071	0.096
100-110	30.48-33.53	0.310	0.100
110-120	33.53-36.58	0.207	0.094
120-130	36.58-39.62	0.124	0.085
130-140	39.62-42.67	0.170	0.025
140-150	42.67-45.72	0.143	0.012
150-160	45.72-48.77	0.097	0.010
160-170	48.77-51.82	0.135	0.009
170-180	51.82-54.86	0.049	0.006
180-190	54.86-57.91	0.110	0.034
190-200	57.91-60.96	0.206	0.061
200-210	60.96-64.01	0.095	0.013
210-220	64.01-67.06	0.116	0.009
220-230	67.06-70.10	0.061	0.050
230-240	70.10-73.15	0.164	0.022
240-250	73.15-76.20	0.046	0.006
250-260	76.20-79.25	0.015	0.010
260-270	79.25-82.30	0.319	0.016
270-280	82.30-85.34	0.056	0.013
280-290	85.34-88.39	0.018	0.007
290-300	88.39-91.44	0.131	0.016

HIGHMONT OPERATING CORPORATION

DDH #79-359

NORTH 77249.02
EAST 107403.59
ELEVATION 5229.44

AZM. 185-09-36
DIP -46 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
16-20	4.88-6.10	0.011	0.001
20-30	6.10-9.14	0.008	0.003
30-40	9.14-12.19	0.098	0.002
40-50	12.19-15.24	0.294	0.002
50-60	15.24-18.29	0.120	0.006
60-70	18.29-21.34	0.123	0.002
70-80	21.34-24.38	0.223	0.002
80-90	24.38-27.43	0.246	0.006
90-100	27.43-30.48	0.215	0.005
100-110	30.48-33.53	0.098	0.006
110-120	33.53-36.58	0.160	0.005
120-130	36.58-39.62	0.039	0.003
130-140	39.62-42.67	0.143	0.011
140-150	42.67-45.72	0.014	0.003
150-160	45.72-48.77	0.014	0.002
160-170	48.77-51.82	0.194	0.002
170-180	51.82-54.86	0.219	0.002
180-190	54.86-57.91	0.098	0.001
190-200	57.91-60.96	0.179	0.001
200-210	60.96-64.01	0.250	0.017
210-220	64.01-67.06	0.349	0.006
220-230	67.06-70.10	0.064	0.024
230-240	70.10-73.15	0.126	0.004
240-250	73.15-76.20	0.124	0.003
250-260	76.20-79.25	0.279	0.004
260-270	79.25-82.30	0.076	0.005
270-280	82.30-85.34	0.070	0.002
280-290	85.34-88.39	0.080	0.003
290-300	88.39-91.44	0.071	0.005

HIGHMONT OPERATING CORPORATION

HOLE #70-360

NORTH 77,387.39
EAST 107,400.51
ELEVATION 5,228.36

AZM. 177-08-28
DIP -46 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
20-30	6.10-9.14	0.189	0.032
30-40	9.14-12.19	0.057	0.031
40-50	12.19-15.24	0.156	0.029
50-60	15.24-18.29	0.219	0.020
60-70	18.29-21.34	0.041	0.086
70-80	21.34-24.38	0.124	0.014
80-90	24.38-27.43	0.181	0.025
90-100	27.43-30.48	0.438	0.055
100-110	30.48-33.53	0.235	0.010
110-120	33.53-36.58	0.143	0.037
120-130	36.58-39.62	0.165	0.023
130-140	39.62-42.67	0.114	0.007
140-150	42.67-45.72	0.019	0.001
150-160	45.72-48.77	0.042	0.006
160-170	48.77-51.82	0.125	0.005
170-180	51.82-54.86	0.046	0.003
180-190	54.86-57.91	0.244	0.010
190-200	57.91-60.96	0.065	0.008
200-210	60.96-64.01	0.083	0.004
210-220	64.01-67.06	0.006	0.004
220-230	67.06-70.10	0.009	0.011
230-240	70.10-73.15	0.004	0.004
240-250	73.15-76.20	0.003	0.012
250-260	76.20-79.25	0.006	0.008
260-270	79.25-82.30	0.010	0.012
270-280	82.30-85.34	0.100	0.012
280-290	85.34-88.39	0.009	0.006
290-300	88.39-91.44	0.011	0.005

HIGHMONT OPERATING CORPORATION

HOLE #79-361

NORTH 77,792.82
EAST 107,391.69
ELEVATION 5,209.90

AZM. 88-27-14
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
21.5-30	6.60-9.14	0.066	0.002
30-40	9.14-12.19	0.060	0.003
40-50	12.19-15.24	0.490	0.067
50-60	15.24-18.29	0.177	0.007
60-70	18.29-21.34	0.161	0.003
70-80	21.34-24.38	0.365	0.027
80-90	24.38-27.43	0.193	0.014
90-100	27.43-30.48	0.445	0.061
100-110	30.48-33.53	0.133	0.011
110-120	33.53-36.58	0.030	0.005
120-130	36.58-39.62	0.059	0.003
130-140	39.62-42.67	0.080	0.002
140-150	42.67-45.72	0.016	0.002
150-160	45.72-48.77	0.011	0.002
160-170	48.77-51.82	0.021	0.001
170-180	51.82-54.86	0.029	0.002
180-190	54.86-57.91	0.114	0.009
190-200	57.91-60.96	0.055	0.012
200-210	60.96-64.01	0.114	0.040
210-220	64.01-67.06	0.207	0.011
220-230	67.06-70.10	0.097	0.013
230-240	70.10-73.15	0.157	0.004
240-250	73.15-76.20	0.044	0.002
250-260	76.20-79.25	0.115	0.003
260-270	79.25-82.30	0.135	0.004
270-280	82.30-85.34	0.300	0.015
280-290	85.34-88.39	0.202	0.045
290-300	88.39-91.44	0.230	0.004

HIGHMONT OPERATING CORPORATION

HOLE #79-362

NORTH 77,937.10
EAST 107,410.27
ELEVATION 5,208.10

AZM. 87-40-20
DIP -46 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
7-20	2.13-6.10	0.012	0.005
20-30	6.10-9.14	0.012	0.003
30-40	9.14-12.19	0.010	0.004
40-50	12.19-15.24	0.009	0.005
50-60	15.24-18.29	0.052	0.006
60-70	18.29-21.34	0.019	0.002
70-80	21.34-24.38	0.056	0.002
80-90	24.38-27.43	0.047	0.004
90-100	27.43-30.48	0.019	0.003
100-110	30.48-33.53	0.011	0.003
110-120	33.53-36.58	0.310	0.006
120-130	36.58-39.62	0.027	0.004
130-140	39.62-42.67	0.039	0.001
140-150	42.67-45.72	0.050	0.001
150-160	45.72-48.77	0.099	0.002
160-170	48.77-51.82	0.096	0.002
170-180	51.82-54.86	0.026	0.002
180-190	54.86-57.91	0.073	0.005
190-200	57.91-60.96	0.088	0.002
200-210	60.96-64.01	0.141	0.002
210-220	64.01-67.06	0.089	0.002
220-230	67.06-70.10	0.179	0.002
230-240	70.10-73.15	0.122	0.006
240-250	73.15-76.20	0.058	0.002
250-260	76.20-79.25	0.012	0.001
260-270	79.25-82.30	0.014	0.001
270-280	82.30-85.34	0.008	0.001
280-290	85.34-88.39	0.007	0.002
290-300	88.39-91.44	0.007	0.002

HIGHMONT OPERATING CORPORATION

HOLE #79-363

NORTH 77384.03
EAST 107191.70
ELEVATION 5238.38

AZM. 182-07-16
DIP - 45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU Z</u>	<u>MO Z</u>
16-20	4.88-6.10	0.041	0.041
20-30	6.10-9.14	0.015	0.004
30-40	9.14-12.19	0.124	0.004
40-50	12.19-15.24	0.148	0.006
50-60	15.24-18.29	0.043	0.006
60-70	18.29-21.34	0.178	0.010
70-80	21.34-24.38	0.118	0.006
80-90	24.38-27.43	0.156	0.014
90-100	27.43-30.48	0.228	0.012
100-110	30.48-33.53	0.229	0.010
110-120	33.53-36.58	0.026	0.036
120-130	36.58-39.62	0.006	0.021
130-140	39.62-42.67	0.028	0.008
140-150	42.67-45.72	0.158	0.005
150-160	45.72-48.77	0.110	0.008
160-170	48.77-51.82	0.138	0.012
170-180	51.82-54.86	0.010	0.057
180-190	54.86-57.91	0.024	0.018
190-200	57.91-60.96	0.009	0.004
200-210	60.96-64.01	0.027	0.014
210-220	64.01-67.06	0.042	0.018
220-230	67.06-70.10	0.014	0.002
230-240	70.10-73.15	0.026	0.002
240-250	73.15-76.20	0.056	0.002
250-260	76.20-79.25	0.016	0.003
260-270	79.25-82.30	0.056	0.006
270-280	82.30-85.34	0.109	0.016
280-290	85.34-88.39	0.017	0.002
290-300	88.39-91.44	0.014	0.002

HIGHMONT OPERATING CORPORATION

HOLE #79-364

NORTH 77,226.19
EAST 107,201.81
ELEVATION 5,243.16

AZM. 187-29-45
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
32-40	9.75-12.19	0.121	0.005
40-50	12.19-15.24	0.106	0.006
50-60	15.24-18.29	0.107	0.004
60-70	18.29-21.34	0.098	0.004
70-80	21.34-24.38	0.073	0.006
80-90	24.38-27.43	0.099	0.012
90-100	27.43-30.48	0.066	0.009
100-110	30.48-33.53	0.101	0.003
110-120	33.53-36.58	0.116	0.005
120-130	36.58-39.62	0.070	0.003
130-140	39.62-42.67	0.063	0.005
140-150	42.67-45.72	0.087	0.007
150-160	45.72-48.77	0.217	0.004
160-170	48.77-51.82	0.120	0.007
170-180	51.82-54.86	0.071	0.004
180-190	54.86-57.91	0.028	0.004
190-200	57.91-60.96	0.016	0.004
200-210	60.96-64.01	0.066	0.005
210-220	64.01-67.06	0.014	0.002
220-230	67.06-70.10	0.011	0.001
230-240	70.10-73.15	0.004	0.002
240-250	73.15-76.20	0.004	0.002
250-260	76.20-79.25	0.004	0.001
260-270	79.25-82.30	0.010	0.001
270-280	82.30-85.34	0.011	0.001
280-290	85.34-88.39	0.003	0.001
290-300	88.39-91.44	0.022	0.001

HIGHMONT OPERATING CORPORATION

HOLE #79-365

NORTH 77,633.87
EAST 106,987.48
ELEVATION 5,245.05

AZM. 173-05-44
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU Z</u>	<u>MO %</u>
27-40	8.23-12.19	0.026	0.034
40-50	12.19-15.24	0.024	0.121
50-60	15.24-18.29	0.022	0.001
60-70	18.29-21.34	0.101	0.002
70-80	21.34-24.38	0.091	0.003
80-90	24.38-27.43	0.022	0.003
90-100	27.43-30.48	0.008	0.003
100-110	30.48-33.53	0.027	0.002
110-120	33.53-36.58	0.010	0.003
120-130	36.58-39.62	0.006	0.001
130-140	39.62-42.67	0.009	0.001
140-150	42.67-45.72	0.041	0.053
150-160	45.72-48.77	0.009	0.006
160-170	48.77-51.82	0.019	0.022
170-180	51.82-54.86	0.018	0.004
180-190	54.86-57.91	0.016	0.002
190-200	57.91-60.96	0.054	0.017
200-210	60.96-64.01	0.196	0.023
210-220	64.01-67.06	0.090	0.003
220-230	67.06-70.10	0.078	0.003
230-240	70.10-73.15	0.121	0.067
240-250	73.15-76.20	0.062	0.023
250-260	76.20-79.25	0.034	0.005
260-270	79.25-82.30	0.015	0.005
270-280	82.30-85.34	0.027	0.005
280-290	85.34-88.39	0.011	0.017
290-300	88.39-91.44	0.008	0.018

HIGHMONT OPERATING CORPORATION

DDH #79-366

NORTH 77471.44
EAST 106993.35
ELEVATION 5247.42

AZM 173-32-54
DIP -46 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
20-30	6.10-9.14	0.049	0.011
30-40	9.14-12.19	0.084	0.004
40-50	12.19-15.24	0.099	0.056
50-60	15.24-18.29	0.081	0.018
60-70	18.29-21.34	0.023	0.004
70-80	21.34-24.38	0.046	0.004
80-90	24.38-27.43	0.031	0.008
90-100	27.43-30.48	0.048	0.016
100-110	30.48-33.53	0.036	0.015
110-120	33.53-36.58	0.013	0.024
120-130	36.58-39.62	0.022	0.005
130-140	39.62-42.67	0.058	0.005
140-150	42.67-45.72	0.058	0.024
150-160	45.72-48.77	0.075	0.026
160-170	48.77-51.82	0.029	0.047
170-180	51.82-54.86	0.036	0.041
180-190	54.86-57.91	0.081	0.021
190-200	57.91-60.96	0.054	0.006
200-210	60.96-64.01	0.102	0.004
210-220	64.01-67.06	0.095	0.005
220-230	67.06-70.10	0.031	0.018
230-240	70.10-73.15	0.043	0.004
240-250	73.15-76.20	0.072	0.003
250-260	76.20-79.25	0.193	0.006
260-270	79.25-82.30	0.075	0.005
270-280	82.30-85.34	0.020	0.005
280-290	85.34-88.39	0.052	0.005
290-300	88.39-91.44	0.009	0.009

HIGHMONT OPERATING CORPORATION

DDH #79-367

NORTH 77626.88
EAST 106797.83
ELEVATION 5241.38

AZM. 184-41-37
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
20-30	6.10-9.14	0.043	0.002
30-40	9.14-12.19	0.050	0.093
40-50	12.19-15.24	0.014	0.003
50-60	15.24-18.29	0.011	0.005
60-70	18.29-21.34	0.012	0.020
70-80	21.34-24.38	0.016	0.002
80-90	24.38-27.43	0.010	0.003
90-100	27.43-30.48	0.009	0.010
100-110	30.48-33.53	0.010	0.018
110-120	33.53-36.58	0.014	0.004
120-130	36.58-39.62	0.030	0.011
130-140	39.62-42.67	0.011	0.008
140-150	42.67-45.72	0.008	0.009
150-160	45.72-48.77	0.022	0.004
160-170	48.77-51.82	0.009	0.004
170-180	51.82-54.86	0.011	0.005
180-190	54.86-57.91	0.005	0.011
190-200	57.91-60.96	0.012	0.061
200-210	60.96-64.01	0.016	0.072
210-220	64.01-67.06	0.004	0.005
220-230	67.06-70.10	0.004	0.010
230-240	70.10-73.15	0.004	0.022
240-250	73.15-76.20	0.005	0.014
250-260	76.20-79.25	0.012	0.078
260-270	79.25-82.30	0.010	0.003
270-280	82.30-85.34	0.210	0.004
280-290	85.34-88.39	0.007	0.015
290-300	88.39-91.44	0.004	0.006

HIGHMONT OPERATING CORPORATION

HOLE #79-368

NORTH 77918.77
EAST 106590.49
ELEVATION 5237.86

AZM. 178-33-37
DIP -43 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
20-30	6.10-9.14	0.019	0.002
30-40	9.14-12.19	0.034	0.003
40-50	12.19-15.24	0.016	0.002
50-60	15.24-18.29	0.015	0.005
60-70	18.29-21.34	0.017	0.001
70-80	21.34-24.38	0.079	0.003
80-90	24.38-27.43	0.011	0.004
90-100	27.43-30.48	0.014	0.003
100-110	30.48-33.53	0.013	0.004
110-120	33.53-36.58	0.021	0.005
120-130	36.58-39.62	0.021	0.002
130-140	39.62-52.67	0.046	0.005
140-150	42.67-45.72	0.014	0.004
150-160	45.72-48.77	0.023	0.007
160-170	48.77-51.82	0.068	0.009
170-180	51.82-54.86	0.031	0.004
180-190	54.86-57.91	0.189	0.035
190-200	57.91-60.96	0.313	0.366
200-210	60.96-64.01	0.063	0.317
210-220	64.01-67.06	0.100	0.011
220-230	67.01-70.10	0.221	0.032
230-240	70.10-73.15	0.082	0.021
240-250	73.15-76.20	0.022	0.035
250-260	76.20-79.25	0.030	0.071
260-270	79.25-82.30	0.012	0.023
270-280	82.30-85.34	0.007	0.006
280-290	85.34-88.39	0.004	0.010
290-301	88.39-91.74	0.070	0.013

HIGHMONT OPERATING CORPORATION

HOLE #79-369

NORTH: 78,040.89
EAST: 106,787.13
ELEVATION: 5,220.98

AZM: 181-41-30
DIP: -44 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
18.5-30	5.63-9.14	0.019	0.003
30-40	9.14-12.19	0.065	0.027
40-50	12.19-15.24	0.148	0.020
50-60	15.24-18.29	0.095	0.007
60-70	18.29-21.34	0.044	0.020
70-80	21.34-24.38	0.078	0.010
80-90	24.38-27.43	0.013	0.002
90-100	27.43-30.48	0.008	0.002
100-110	30.48-33.53	0.010	0.016
110-120	33.53-36.58	0.008	0.005
120-130	36.58-39.62	0.007	0.004
130-140	39.62-42.67	0.014	0.002
140-150	42.67-45.72	0.013	0.008
150-160	45.72-48.77	0.051	0.005
160-170	48.77-51.82	0.030	0.006
170-180	51.82-54.86	0.024	0.016
180-190	54.86-57.91	0.009	0.054
190-200	57.91-60.96	0.010	0.021
200-210	60.96-64.01	0.012	0.012
210-220	64.01-67.06	0.006	0.004
220-230	67.06-70.10	0.021	0.016
230-240	70.10-73.15	0.041	0.004
240-250	73.15-76.20	0.080	0.135
250-260	76.20-79.25	0.020	0.004
260-270	79.25-82.30	0.014	0.046
270-280	82.30-85.34	0.006	0.052
280-290	85.34-88.39	0.007	0.043
290-300	88.39-91.44	0.008	0.007

HIGHMONT OPERATING CORPORATION

HOLE #79-370

NORTH 78089.71
EAST 107386.99
ELEVATION 5199.32

AZM. 91-59-34
DIP -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
17-30	5.18-9.14	0.011	0.004
30-40	9.14-12.19	0.033	0.002
40-50	12.19-15.24	0.010	0.002
50-60	15.24-18.29	0.318	0.006
60-70	18.29-21.34	0.420	0.003
70-80	21.34-24.38	0.055	0.003
80-90	24.38-27.43	0.010	0.002
90-100	27.43-30.48	0.059	0.002
100-110	30.48-33.53	0.028	0.002
110-120	33.53-36.58	0.184	0.009
120-130	36.58-39.62	0.084	0.001
130-140	39.62-42.67	0.028	0.003
140-150	42.67-45.72	0.043	0.001
150-160	45.72-48.77	0.115	0.004
160-170	48.77-51.82	0.101	0.005
170-180	51.82-54.86	0.041	0.002
180-190	54.86-57.91	0.176	0.023
190-200	57.91-60.96	0.289	0.021
200-210	60.96-64.01	0.170	0.002
210-220	64.01-67.06	0.075	0.001
220-230	67.06-70.10	0.470	0.119*
230-240	70.10-73.15	0.082	0.012
240-250	73.15-76.20	0.020	0.001
250-260	76.20-79.25	0.053	0.001
260-270	79.25-82.30	0.192	0.001
270-280	82.30-85.34	0.020	0.001
280-290	85.34-88.39	0.014	0.001
290-300	88.39-91.44	0.012	0.001

* to be checked - result may be low standard 0.008 low

HIGHMONT OPERATING CORPORATION

HOLE #79-371

NORTH: 78,239.03
EAST: 107,386.74
ELEVATION: 5,197.28

AZM: 94-32-11
DIP: -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
14-20	4.27-6.10	0.015	0.002
20-30	6.10-9.14	0.033	0.001
30-40	9.14-12.19	0.061	0.001
40-50	12.19-15.24	0.323	0.002
50-60	15.24-18.29	0.020	0.002
60-70	18.29-21.34	0.135	0.002
70-80	21.34-24.38	0.020	0.001
80-90	24.38-27.43	0.006	0.001
90-100	27.43-30.48	0.037	0.001
100-110	30.48-33.53	0.011	0.001
110-120	33.53-36.58	0.147	0.034
120-130	36.58-39.62	0.006	0.002
130-140	39.62-42.67	0.025	0.003
140-150	42.67-45.72	0.015	0.001
150-160	45.72-48.77	0.014	0.001
160-170	48.77-51.82	0.015	0.001
170-180	51.82-54.86	0.076	0.001
180-190	54.86-57.91	0.175	0.010
190-200	57.91-60.96	0.020	0.002
200-210	60.96-64.01	0.011	0.003
210-220	64.01-67.06	0.012	0.001
220-230	67.06-70.10	0.001	0.001
230-240	70.10-73.15	0.016	0.001
240-250	73.15-76.20	0.004	0.001
250-260	76.20-79.25	0.005	0.002
260-270	79.25-82.30	0.002	0.001
270-280	82.30-85.34	0.007	0.001
280-290	85.34-88.39	0.026	0.001
290-300	88.39-91.44	0.006	0.001

HIGHMONT OPERATING CORPORATION

HOLE #79-372

NORTH: 78,428.92
EAST: 107,576.09
ELEVATION: 5,185.37

AZM: 94-59-23
DIP: -45 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
29-40	8.84-12.19	0.023	0.001
40-50	12.19-15.24	0.016	0.001
50-60	15.24-18.29	0.004	0.001
60-70	18.29-21.34	0.062	0.002
70-80	21.34-24.38	0.385	0.014
80-90	24.38-27.43	0.029	0.002
90-100	27.43-30.48	0.069	0.002
100-110	30.48-33.53	0.013	0.002
110-120	33.53-36.58	0.161	0.002
120-130	36.58-39.62	0.032	0.002
130-140	39.62-42.67	0.027	0.005
140-150	42.67-45.72	0.116	0.003
150-160	45.72-48.77	0.024	0.001
160-170	48.77-51.82	0.027	0.001
170-180	51.82-54.86	0.108	0.001
180-190	54.86-57.91	0.007	0.001
190-200	57.91-60.96	0.223	0.002
200-210	60.96-64.01	0.466	0.004
210-220	64.01-67.06	0.031	0.001
220-230	67.06-70.10	0.090	0.002
230-240	70.10-73.15	0.013	0.002
240-250	73.15-76.20	0.036	0.002
250-260	76.20-79.25	0.032	0.002
260-270	79.25-82.30	0.050	0.004
270-280	82.30-85.34	0.011	0.001
280-290	85.34-88.39	0.019	0.002
290-300	88.39-91.44	0.030	0.001

HIGHMONT OPERATING CORPORATION

HOLE #79-373

NORTH 78,237.06
EAST 107,582.12
ELEVATION 5,192.92

AZM. 90-55-52
DIP -44 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
11-20	3.35-6.10	0.008	0.001
20-30	6.10-9.14	0.031	0.001
30-40	9.14-12.19	0.105	0.003
40-50	12.19-15.24	0.748	0.027
50-60	15.24-18.29	0.318	0.007
60-70	18.29-21.34	0.113	0.003
70-80	21.34-24.38	0.229	0.003
80-90	24.38-27.43	0.106	0.003
90-100	27.43-30.48	0.042	0.003
100-110	30.48-33.53	0.064	0.003
110-120	33.53-36.58	0.066	0.017
120-130	36.58-39.62	0.312	0.028
130-140	39.62-42.67	0.146	0.006
140-150	42.67-45.72	0.057	0.001
150-160	45.72-48.77	0.146	0.012
160-170	48.77-51.82	0.124	0.005
170-180	51.82-54.86	0.175	0.007
180-190	54.86-57.91	0.086	0.004
190-200	57.91-60.96	0.168	0.002
200-210	60.96-64.01	0.238	0.005
210-220	64.01-67.06	1.100	0.010
220-230	67.06-70.10	0.367	0.021
230-240	70.10-73.15	0.705	0.009
240-250	73.15-76.20	0.147	0.003
250-260	76.20-79.25	0.081	0.004
260-270	79.25-82.30	0.069	0.004
270-280	82.30-85.34	0.057	0.004
280-290	85.34-88.39	0.069	0.004
290-300	88.39-91.44	0.020	0.005

HIGHMONT OPERATING CORPORATION

HOLE #79-374

NORTH 78087.31
EAST 107589.19
ELEVATION 5194.15

AZM. 95-01-19
DIP - 44 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
24-30	7.31-9.14	0.079	0.002
30-40	9.14-12.19	0.161	0.006
40-50	12.19-15.24	0.015	0.001
50-60	15.24-18.29	0.012	0.001
60-70	18.29-21.34	0.100	0.005
70-80	21.34-24.38	0.206	0.002
80-90	24.38-27.43	0.072	0.002
90-100	27.43-30.48	0.172	0.027
100-110	30.48-33.53	0.057	0.001
110-120	33.53-36.58	0.248	0.008
120-130	36.58-39.62	0.241	0.005
130-140	39.62-42.67	0.273	0.026
140-150	42.67-45.72	0.159	0.002
150-160	45.72-48.77	0.157	0.001
160-170	48.77-51.82	0.166	0.002
170-180	51.82-54.86	0.023	0.001
180-190	54.86-57.91	0.014	0.001
190-200	57.91-60.96	0.012	0.001
200-210	60.96-64.01	0.250	0.003
210-220	64.01-67.06	0.023	0.001
220-230	67.06-70.10	0.101	0.001
230-240	70.10-73.15	0.087	0.001
240-250	73.15-76.20	0.037	0.004
250-260	76.20-79.25	0.045	0.002
260-270	79.25-82.30	0.154	0.004
270-280	82.30-85.34	0.135	0.002
280-290	85.34-88.39	0.137	0.002
290-300	88.39-91.44	0.105	0.002

HIGHMONT OPERATING CORPORATION

HOLE #79-375

NORTH 77,111.98
EAST 107,639.87
ELEVATION 5236.10

AZM. 176-39-09
DIP -43 degrees

<u>FOOTAGE:</u>	<u>METERS:</u>	<u>CU %</u>	<u>MO %</u>
26-40	7.90-12.19	0.187	0.011
40-50	12.19-15.24	0.143	0.003
50-60	15.24-18.29	0.190	0.005
60-70	18.29-21.34	0.139	0.009
70-80	21.34-24.38	0.117	0.004
80-90	24.38-27.43	0.163	0.006
90-100	27.43-30.48	0.312	0.006
100-110	30.48-33.53	0.257	0.011
110-120	33.53-36.58	0.465	0.009
120-130	36.58-39.62	0.070	0.005
130-140	39.62-42.67	0.064	0.002
140-150	42.67-45.72	0.073	0.003
150-160	45.72-48.77	0.097	0.008
160-170	48.77-51.82	0.187	0.005
170-180	51.82-54.86	0.113	0.034
180-190	54.86-57.91	0.012	0.004
190-200	57.91-60.96	0.012	0.005
200-210	60.96-64.01	0.033	0.003
210-220	64.01-67.06	0.011	0.003
220-230	67.06-70.10	0.025	0.005
230-240	70.10-73.15	0.016	0.004
240-250	73.15-76.20	0.003	0.003
250-260	76.20-79.25	0.007	0.003
260-270	79.25-82.30	0.119	0.004
270-280	82.30-85.34	0.081	0.008
280-290	85.34-88.39	0.084	0.005
290-300	88.39-91.44	0.179	0.005

APPENDIX D: COPY OF CONNORS DRILLING INVOICES

Job 22-906

Highmont Operating Corporation
1199 West Hastings Street
Vancouver, B.C.
V6E 2K5

INVOICE NO: 10048
DATE: February 19, 1980

SURFACE DIAMOND DRILLING
PIT AREA
HIGHLAND VALLEY, B.C.
FEBRUARY 15, 1980

Re: Invoice #9877 & #9878

Short payment Field Cost Work, pulling casing,
Your cheque #0742 as per phone discussion between your
Mr. W. Wymark and our Mr. R.T. Griffiths -

264.00

10048

ors Drilling

Division of
Bow Valley Resource Services Ltd.

205 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

Job 22-906

Highmont Operating Corp.
c/o Afton Mines Ltd.
P.O. Box 937
Kamloops, B.C.
V2C 1N4

INVOICE NO: 9913
DATE: December 10, 1979

Attention: Mr. Bill Wymark

SURFACE DIAMOND DRILLING
PIT AREA
HIGHLAND VALLEY, B.C.
NOVEMBER 16 - DECEMBER 1, 1979

DRILL #25-A

<u>DEMOBILIZATION (Lump Sum)</u>				250.00
<u>FOOTAGE FEE</u>				
D.D. Hole #79-370	40 - 300'	260'	@ 16.25	4,225.00
-371	0 - 15'	15'	@ 17.25	258.75
	15 - 300'	285'	@ 16.25	4,631.25
-373	0 - 29'	29'	@ 17.25	500.25
	29 - 300'	271'	@ 16.25	4,403.75
-375	0 - 21'	21'	@ 17.25	362.25
	21 - 300'	279'	@ 16.25	4,533.75
-374	0 - 20'	20'	@ 17.25	345.00
	20 - 300'	280'	@ 16.25	4,550.00
		<u>1,460'</u>		<u>23,810.00</u>

<u>FIELD COST</u>	<u>WORK</u>			
<u>DATE</u>	<u>SHIFT</u>	<u>MAN HRS.</u>	<u>DRILL HRS.</u>	<u>REMARKS</u>
Nov. 19/79	Day	2	1	Reaming casing
21	"	2	1	" "
22	"	8	4	" "
24	"	5	2½	" "
27	"	6	3	" "
		<u>23</u>	<u>11½</u>	



Job 22-906

Highmont Operating Corp.
c/o Afton Mines Ltd.
P.O. Box 937
Kamloops, B.C.
V2C 1N4

INVOICE NO: 9913
DATE: December 10, 1979

- 2 -

Total man hours	23 @ 23.00 ✓	529.00 ✓	
Total drill hours	11½ @ 20.00 ✓	<u>230.00 ✓</u>	759.00 ✓

DELAY TIME (Nov. 26/79 - Night)
4 shift hours waiting for cat @ 60.00 ✓ 240.00 ✓

HAULING CORE BOXES TO JOB SITE
Nov. 14/79 - H & K Trucking (copy attached) 75.00 ✓
Plus 15% 11.25
86.25 ✓

less 15% hold back

25,145.25 ✓
3771.79

*This amount approved
for payment*

→ \$ 21373.46

[Signature]

Job 22-906

Highmont Operating Corporation
 c/o Afton Mines Ltd.
 P.O. Box 937
 Kamloops, B.C.
 V2C 1N4

INVOICE NO: 9896
 DATE: December 5, 1979

Attention: Mr. Bill Wymark

SURFACE DIAMOND DRILLING
 PIT AREA
 HIGHLAND VALLEY, B.C.
 NOVEMBER 16 - 24, 1979

DRILL #38

DEMOBILIZATION (Lump Sum) 250.00

FOOTAGE FEE

D.D. Hole #79-368	202 - 301'	99' @ 16.25	1,608.75	
-369	0 - 17'	17' @ 17.25	293.25	
	17 - 300'	283' @ 16.25	4,598.75	OK.
-372	0 - 28'	28' @ 17.25	483.00	
	28 - 300'	272' @ 16.25	4,420.00	
		<u>699'</u>		11,403.75

CREDIT (Mud transferred to Bethlehem job)

Nov. 19/79 48 - 50# bags Quick Gel mud @ 4.80 230.40
 4% tax 9.22 O.K. (239.62)

CREDIT (Core boxes returned to Merritt shop)

72 - NQ core boxes @ 5.00 360.00
 4% tax 14.40 O.K. (374.40)

PUMP RENTAL - One B & S 2" centrifugal pump
 One month rental -

30.00
 11,069.73 ✓

9896

Job 22-906

Highmont Operating Corp.
 c/o Afton Mines Ltd.
 P.O. Box 937
 Kamloops, B.C.
 V2C 1N4

INVOICE NO: 9878
 DATE: November 23, 1979

Attention: Mr. Bill Wymark

SURFACE DIAMOND DRILLING
 PIT AREA
 HIGHLAND VALLEY, B.C.
 NOVEMBER 1 - 15, 1979

DRILL #25A

FOOTAGE FEE

D.D Hole	Start	End	Rate	Charge	Balance
#79-359	263'	300'	17.25/6.25	638.25	601.25
#79-360	0'	27'	16.25/17.25	438.75	465.75
	27'	300'	17.25/6.75	709.25	4436.25
#79-361	0'	17'	16.25/12.5	270.25	293.25
	17'	300'	17.25/6.04	881.75	4378.75
#79-362	0'	16'	16.25/12.5	260.00	276.00
	16'	300'	17.25/6.25	809.00	4615.00
#79-370	0'	20'	16.25/17.25	325.00	345.00
	20'	40'	17.25/6.25	345.00	325.00
977'					16,773.25

#15,956.25

FIELD COST WORK

DATE	SHIFT	MAN HRS.	DRILL HRS.	REMARKS
Nov 1/79	Day	2	1	Pull casing

cont'd

9878

Job 22-906

Highmont Operating Corp.
 c/o Afton Mines Ltd.
 P.O. Box 937
 Kamloops, B.C.
 V2C 1N4

INVOICE NO: 9878
 DATE: November 23, 1979

- 2 -

FIELD COST WORK (cont'd)

<u>DATE</u>	<u>SHIFT</u>	<u>MAN HRS.</u>	<u>DRILL HRS.</u>	<u>REMARKS</u>
Nov 4/79	Nite	11	5½	Ream cave in hole <i>OK</i>
Nov 11/79	Day	2	1	Pull casing
		15	7½	

Total man hours ~~13~~¹¹ @ 23.00 ~~345.00~~ 253.00
 Total drill hours ~~7½~~^{5½} @ 20.00 ~~150.00~~ 110.00 495.00
 363.00

DELAY TIME

<u>DATE</u>	<u>SHIFT</u>	<u>SHIFT HRS.</u>	<u>REMARKS</u>
Nov1/79	Day	2	Wait for cat to move
Nov1/79	Nite	8	Wait for cat to move
Nov8/79	Day	<u>2</u>	Wait for cat & surveyors
		12	

12 shift hours @ 60.00 720.00

~~17,988.25~~
 \$ 1,7039.25
 \$ 2555.89

 \$ 14,483.36

Less 15% hold back.
This amount approved.

Job 22-906

Highmont Operating Corp.
 c/o Afton Mines Ltd.
 P.O. Box 937
 Kamloops, B.C.
 V2C 1N4

INVOICE NO: 9877
 DATE: November 23, 1979

Attention: Mr. Bill Wymark

SURFACE DIAMOND DRILLING
PIT AREA
HIGHLAND VALLEY, B.C.
NOVEMBER 1 - 15, 1979

DRILL # 38

FOOTAGE FEE

D.D. Hole #79-363	116' - 300'	184'	@	17.25/6.25 3,174.00	2990.00.
#79-366	0' - 20'	20'	@	16.25/7.25 325.00	345.00
	20' - 300'	280'	@	17.25/6.25 4,830.00	4550.00
#79-365	0' - 25'	25'	@	16.25/7.25 406.25	431.25
	25' - 300'	275'	@	17.25/6.25 4,743.75	4468.75
#79-367	0' - 20'	20'	@	16.25/7.25 325.00	345.00
	20' - 300'	280'	@	17.25/6.25 4,830.00	4550.00
#79-368	0' - 20'	20'	@	16.25/7.25 325.00	345.00
	20' - 202'	182'	@	17.25/6.25 1,397.50	2457.50
		1286'			22,098.50
					20982.50

FIELD COST WORK

DATE	SHIFT	MAN HRS.	DRILL HRS.	REMARKS
Nov. 3/79	D	2	1	Pull casing
Nov. 5/79	N	2	1	Pull casing
		4	2	

No.
 Part of Drilling
 Contract Cont'd
 9877

Job 22-906

Highmont Operating Corp.
 c/o Afton Mines Ltd.
 P.O. Box 937
 Kamloops, B.C.
 V2C 1N4

INVOICE NO: 9877
 DATE: November 23, 1979

- 2 -

FIELD COST WORK (cont'd)

Total man hours	4 @	23.00	92.00	
Total drill hours	2 @	20.00	40.00	132.00

TRUCKING CHARGES - HAULING CORE BOXES TO HIGHMONT

HK Trucking Invoice #7077 (copy attached)	100.00	
Plus 15%	<u>15.00</u>	<u>115.00</u>
		22,345.50

20,982.50
 115.00

\$ 21,097.50
 \$ 3164.63

Less 15% hold back

\$ 17,932.87

This amount approved for payment.

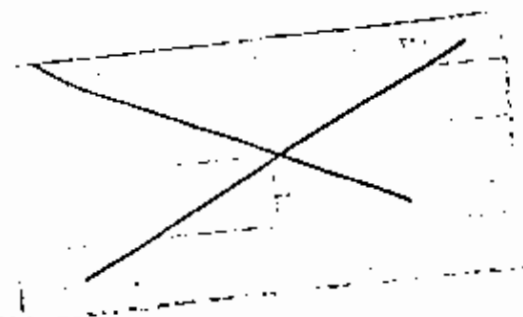
[Signature]
 30 Nov / 79.

Job 22-906

Highmont Operating Corporation
1199 West Hastings Street
Vancouver, B.C.
V6E 2K5

INVOICE NO: 9842
DATE: November 9, 1979

SURFACE DIAMOND DRILLING
PIT AREA
HIGHLAND VALLEY, B.C.
OCTOBER 16 - 31, 1979



DRILL #25-A

FOOTAGE FEE

D.D. Hole #79-356	0 - 18'	18' @ 17.25	310.50	
	18 - 301'	283' @ 16.25	4,598.75	
#79-357	0 - 15'	15' @ 17.25	258.75	
	15 - 301'	286' @ 16.25	4,647.50	
#79-358	0 - 11'	11' @ 17.25	189.75	
	11 - 301'	290' @ 16.25	4,712.50	
#79-359	0 - 17'	17' @ 17.25	293.25	
	17 - 263'	246' @ 16.25	3,997.50	19,008.50
		1,166'		

MOBILIZATION - SECOND DRILL (Lump Sum) 250.00

FIELD COST WORK

DATE	SHIFT	SHIFT HRS.	REMARKS	
Oct. 29/79	Day	1½	Delay - wait for cat to move	
		1½	shift hours @ 60.00	90.00

CORE BOXES SUPPLIED

Oct. 1/79	200 NQ core boxes @ 5.00	1,000.00	
Oct. 31/79	300 NQ core boxes @ 5.00	1,500.00	
		<u>2,500.00</u>	
	4% tax	100.00	2,600.00

9842

INVOICE APPROVALS		PROV. TAX	
PURCH.		LIABILITY	
SITE		ACCUE	
ENG		INVOICE PAYM DATE	

Job 22-906

Highmont Operating Corporation
1199 West Hastings Street
Vancouver, B.C.
V6E 2K5

INVOICE NO: 9842
DATE: November 9, 1979

- 2 -

FREIGHT ON CORE BOXES (copies attached)
 Van-Merritt Freight Invoice #264 30.94
 " " " " #268 30.21
 61.15
 Plus 15% 9.17 70.32

MUD SUPPLIES SHIPPED (copies attached)
 Connors Packing Slip #16402 170.30
 " " " #16411 417.30
 " " " #16442 491.09
 " " " #19405 544.96
 Thiessen Equipment Invoice #6246 3,835.27
 " " " #6315 369.00
 " " " #6394 2,719.60
 8,547.52
 Plus 15% 1,282.13 9,829.65

31,848.47

Less 15% hold back 4777.27

This amount approved for payment → \$27,071.20

[Signature]
30 NOV '79

INVOICE APPROVALS		PROV. TAX	
PURCH.		LIABILITY	
SITE		ACCUE	
ENG		INVOICE PAYM. DATE	

Job 22-906

Highmont Operating Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

INVOICE NO: 9841
 DATE: November 9, 1979

SURFACE DIAMOND DRILLING
PIT AREA
HIGHLAND VALLEY, B.C.
OCTOBER 16 - 31, 1979

DRILL #38

FOOTAGE FEE

D.D. Hole #79-354	68 - 300'	232' @ 16.25	3,770.00	
#79-355	0 - 19'	19' @ 17.25	327.75	
	19 - 300'	281' @ 16.25	4,566.25	
#79-364	0 - 32'	32' @ 17.25	552.00	
	32 - 300'	268' @ 16.25	4,355.00	
#79-363	0 - 15'	15' @ 17.25	258.75	
	15 - 116'	101' @ 16.25	1,641.25	15,471.00
		<u>948'</u>		

FIELD COST WORK

<u>DATE</u>	<u>SHIFT</u>	<u>MAN HRS.</u>	<u>DRILL HRS.</u>	<u>REMARKS</u>
Oct. 18/79	Day	4	2	Ream 180' cave in hole
21	"	8	4	Ream 120' cave in hole
27	"	4	2	Ream cave in hole
		<u>16</u>	<u>8</u>	

Total man hours 16 @ 23.00 368.00
 Total drill hours 8 @ 20.00 160.00

INVOICE APPROVALS		DATE	
POSON		LIABILITY	
SITE		ACCRUE	
ENG		INVOICE PAYM. DATE	
		1 1	

15,999.00 ✓
 #2399.85
 Less 15% Holdback.
 #13,599.15
 This amount approved for payment
 3. Nov / 79
 9841

Job 22-906

Highmont Operating Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

INVOICE NO: 9772
 DATE: October 22, 1979

SURFACE DIAMOND DRILLING
PIT AREA
HIGHLAND VALLEY, B.C.
OCTOBER 1 - 15, 1979

FOOTAGE FEE

D.D. Hole #79-351	288 - 300'	12' @ 16.25	195.00
#79-352	0 - 13'	13' @ 17.25	224.25
	13 - 300'	287' @ 16.25	4,663.75
#79-353	0 - 13'	13' @ 17.25	224.25
	13 - 300'	287' @ 16.25	4,663.25
#79-354	0 - 30'	30' @ 17.25	517.50
	30 - 68'	38' @ 16.25	617.50
		<u>680'</u>	

~~11,106.00~~
 #11105.50

FIELD COST WORK

DATE	SHIFT	MAN HRS.	DRILL HRS.	REMARKS
Oct. 1/79	Night	4	2	Mix mud
3	Day	4	2	" "
"	Night	2	1	" "
4	Day	4	2	" "
"	Night	2	1	" "
9	Day	6	2	" "
"	Night	4	2	" "
10	Day	4	2	" "
"	Night	5	2	" "
11	Day	4	2	" "
"	Night	4	2	" "
14	Day	4	2	" "

Part of Contract.

Job 22-906

Highmont Operating Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

INVOICE NO: 9772
 DATE: October 22, 1979

- 2 -

Total man hours .47 @ 23.00
 Total drill hours 23½ @ 20.00

~~1,081.00~~
~~470.00~~

~~1,551.00~~

MUD SUPPLIES SHIPPED (copy attached)

Connors' packing slip #19405

847.37

13,504.37

Summary

<i>Footage</i>	<i>\$ 11105.50</i>
<i>Supplies</i>	<i>847.37</i>
	<hr/>
<i>SUB</i>	<i>\$11952.87 ✓</i>
<i>Less 15% holdback</i>	<i>\$1792.93</i>
	<hr/>

Amt approved for Payment = \$ 10159.94

[Signature]
 7 Nov 79

Job 22-906

Highmont Operating Corporation
1199 West Hastings Street
Vancouver, B.C.
V6E 2K5

INVOICE NO: 9743
DATE: October 10, 1979

SURFACE DIAMOND DRILLING
PIT AREA
HIGHLAND VALLEY, B.C.
SEPTEMBER 19 - 30, 1979

MOBILIZATION (Lump Sum) 250.00 ✓

FOOTAGE FEE

D.D. Hole #79-350	0 - 47'	47' @ Field Cost ✓	
	47 - 306'	259' @ 16.25	4,208.75
#79-351	0 - 7'	7' @ 17.25	120.75
	7 - 288'	281' @ 16.25	4,566.25
		594'	8,895.75 ✓

FIELD COST WORK

DATE	SHIFT	MAN HRS.	DRILL HRS.	REMARKS
Sep. 20/79	Day	20	10	Overburden 0 - 35'
21	"	16	8	" 35 - 46'
"	Night	2	1	Mix mud
22	Day	2	1	" "
23	"	2	1	" "
24	"	2	1	" "
26	"	3	1½	" "
"	Night	4	2	" "
27	Day	2	1	" "
"	Night	6	3	" "
28	"	4	2	Cave in hole ✓
29	Day	2	1	Re-string hose line ✓
30	"	2	1	Cave in hole ✓
"	Night	2	1	Mix mud ✓
"	"	3	1½	Ream cave in hole ✓
		<u>72</u>	<u>36</u>	

*Plot for Highmont
Account*

45 22.5

9743

Job 22-906

Highmont Operating Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

INVOICE NO: 9743
 DATE: October 10, 1979

- 2 -

Total man hours	72 ⁴⁵ @ 23.00	1035.00	1,656.00	
Total drill hours	36 @ 20.00	450.00	720.00	2,376.00
	22.5			1485.00

FIELD COST DIAMONDS (Overburden 0 - 47')

1 - only NW casing shoe #13175	269.00	
1 - only NQ core bit #19890	563.15	
1 - only NQ shell - (partial use)	50.00	
	<u>882.15</u>	
1.7% tax	15.00	
	<u>897.15</u>	
Plus 15%	134.57	1,031.72

MUD SUPPLIES SHIPPED (copies attached)

Connors Drilling packing slip #07670	581.37	
" " " " #16405	306.18	887.55

13,441.02

12,550.02

Less 15% Holdback

= 1882.51

\$ 10,667.51

↑
 This amt approved
 for payment -
[Signature]
 5 Nov 79

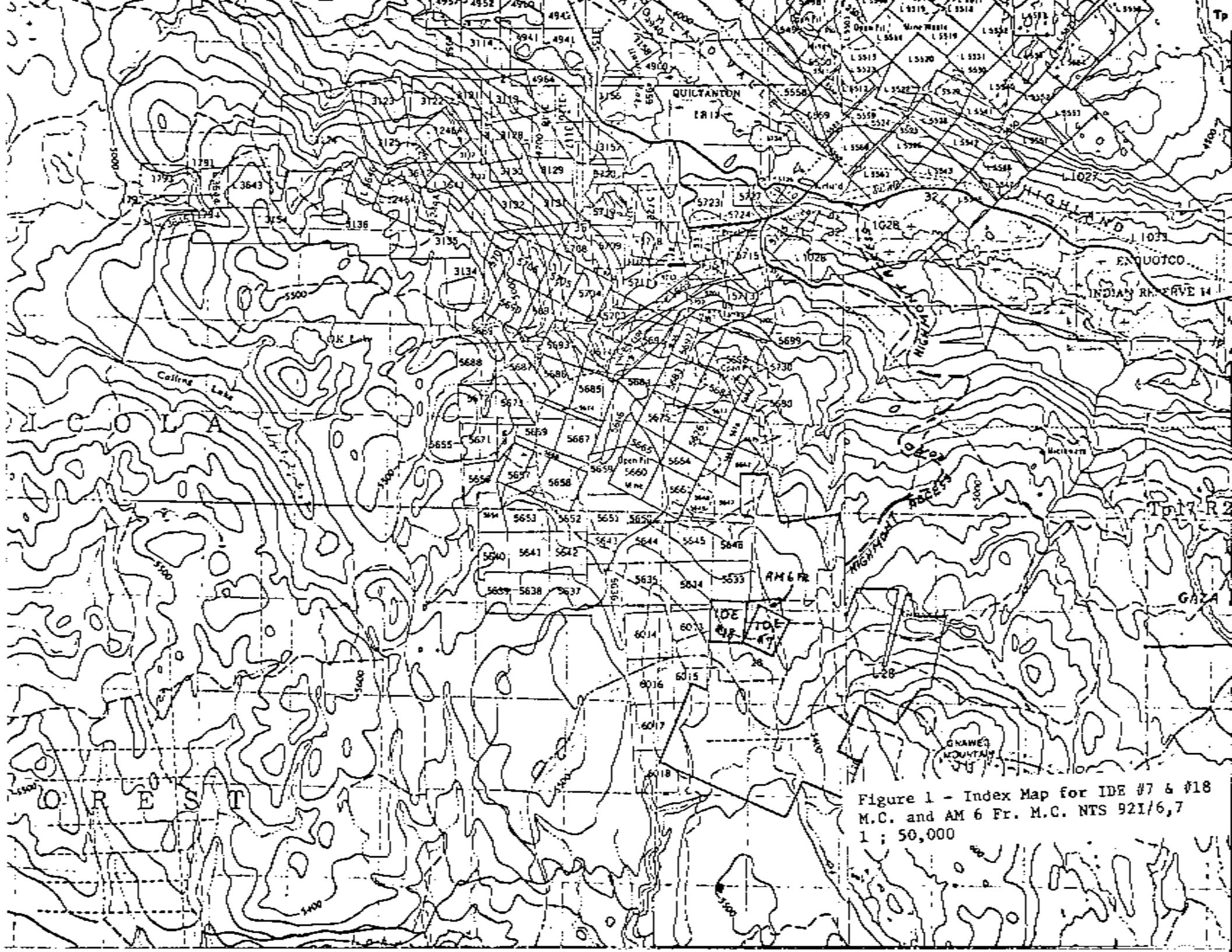


Figure 1 - Index Map for IDE #7 & #18
M.C. and AM 6 Fr. M.C. NTS 921/6,7
1 : 50,000

