

6094

REPORT OF DIAMOND DRILLING

on the

TROUT LAKE PROPERTY

(MAE GROUP)

REVELSTOCK MINING DIVISION, B. C.

82K/12E  
by

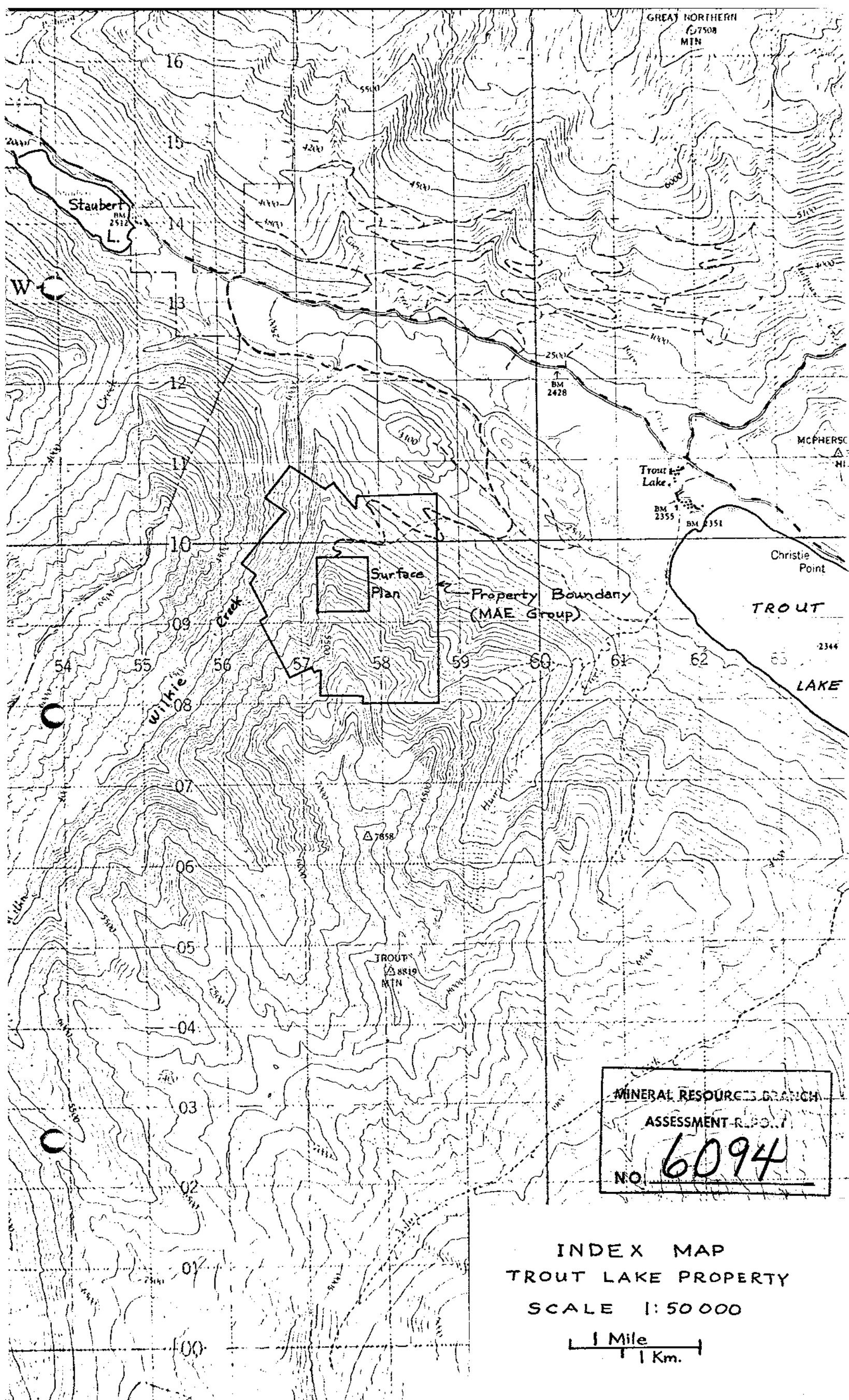
T. N. Macauley, P. Eng.

November 30, 1976

TABLE OF CONTENTS

	<u>Page</u>
Text . . . . .	1
Index Map . . . . .	2
Surface Plan . . . . .	3
Appendix A Drill Invoices	
B Drill Contract	
C Log of Diamond Drill Hole 76-7	

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6094



Staubert L.

GREAT NORTHERN  
7508  
MTN

16

15

14

13

12

11

10

09

08

07

06

05

04

03

02

01

00

Wilkie Creek

Surface Plan

Property Boundary  
(MAE Group)

Trout Lake

Christie Point

TROUT LAKE

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 6094

INDEX MAP  
TROUT LAKE PROPERTY  
SCALE 1:50000

1 Mile  
1 Km.

The Trout Lake property is located 2.5 miles west of Trout Lake village in the Revelstoke Mining Division, N.T.S. 82 K/12 E (see Index Map).

A diamond drill hole numbered 76-7 has been drilled by H. Allen Diamond Drilling Ltd. under contract to Newmont Mining Corporation of Canada Ltd. during the interval October 7 to 27, 1976. The cost of drilling the hole was \$19,476.34. The driller's invoices, with cost items relating to hole 76-7 marked in red, are given in Appendix A. The contract under which the work was done forms Appendix B. Three years' work was applied to each of the located claims in the MAE Group.

The location of the drill hole collar with respect to surface features and claim boundaries is shown on the Surface Plan. The azimuth of the hole is 270° (due west), the inclination is 45°, and the core size is BQ (diameter 1.432 inches or 36.5 millimeters). The hole coordinates are in feet with reference to a north-south-east-west grid, the origin point of which is shown on the plan. The elevation of the collar (4676 feet) is with respect to the grid origin elevation of 4525. The latter was determined by altimeter readings taken from the bench mark at Trout Lake, and should be close to the true elevation above sea level.

The logging of the drill core was done by Craig Boyle, who graduated in geological engineering from the University of British Columbia in 1975. The work was done under the supervision of T. N. Macauley, P. Eng.

The drill core is stored at the residence of Alan Marlow, situated on the Trout Lake road 6 miles northwest of Trout Lake village.

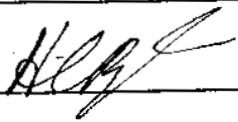

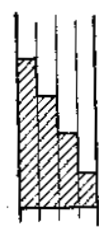
Vancouver, B. C.  
November 30, 1976



T. N. Macauley, P. Eng.

A handwritten signature in cursive script that reads "T. N. Macauley".

# NEWMONT MINING DRILL LOG

PROJECT <i>TROUT LAKE</i>		GROUND ELEV. <i>4675.8 Ft.</i>	
HOLE NO. <i>76-7</i>		BEARING <i>WEST</i>	
LOCATION <i>9493.5N + 52.4E Ft.</i>		DIP <i>45°</i>	
LOGGED BY <i>H.C. BOYLE</i> 		TOTAL LENGTH <i>1341 FT</i>	
DATE <i>Oct 19 - Nov 7</i>		HORIZONTAL PROJECT <i>945 FT</i>	
CONTRACTOR <i>ALLEN DIAMOND DRILLING</i>		VERTICAL PROJECT <i>950 FT</i>	
CORE SIZE <i>NQ to 200H</i> <i>BQ to 1341H</i>		ALTERATION SCALE 	
DATE STARTED <i>Oct 7 1976</i>		TOTAL SULPHIDE SCALE: 	
DATE COMPLETED <i>Oct 27 1976</i>			
DIP TESTS	FT	ACID	SPIERRY-SUN AZIMUTH      DIP
	250	47.5°	270°      48°
	500	48.5°	270°      48°
	750	46.5°	261°      46°
	1000	42.5°	260°      43°
	1250	39.5°	243°      40.5°

COMMENTS

*Abbreviations*

- aph* - *ophanitic*
- bio* - *biotite*
- chl-chlor* - *chlorite*
- C/A* - *core axis*
- env* - *envelope*
- fol* - *foliation*
- Fra* - *fracture*
- G.D.-gd* - *granodiorite*
- mod* - *moderate*
- moly* - *molybdenite*
- occ* - *occasionally*
- po* - *pyrrhotite*
- py* - *pyrite*
- qtz* - *quartz*
- Q.D.* - *quartz diorite*
- sch* - *schist*
- scr* - *sericite*
- sil* - *silicious, silica*
- vfq* - *very fine grained*
- wk* - *weak*
- w* - *with*

*Core Recovery:*  
*Given in number of feet short per run length*

*Fracture Intensity:*  
*Number of visible quartz vein cutting the core*

LEGEND

# APPENDIX B

## H. ALLEN DIAMOND DRILLING LTD.

TELEPHONE 378-4494

P.O. BOX 1397  
MERRITT, B.C.  
VOK 2B0

### CONTRACT

**BETWEEN:** NEWMONT MINING CORPORATION OF CANADA LIMITED,  
Suite 1230 - 355 Burrard Street,  
Vancouver, B.C. V6C 2G8.

(Hereinafter referred to as the  
"COMPANY" of the First Part.)

**AND:** H. ALLEN DIAMOND DRILLING LTD.,  
Box 1397,  
Merritt, B.C. VOK 2B0

(Hereinafter referred to as the  
"CONTRACTOR" of the Second Part.)

**A. THE CONTRACTOR COVENANTS AND AGREES:**

1. That all holes shall be drilled with wireline equipment.
2. That the Contractor shall use his best endeavour to complete all holes according to the wishes of the Company, but should rock conditions prevent successful completion of the hole, the Contractor is not obliged to complete the same, but shall be paid for such incomplete holes at contract rates for the completed footage.
3. Contractor will supply all necessary equipment, accomodation, transportation and board for his crew.
4. Contractor will supply water to drill sites at his expense up to a distance of 1,500 ft. or vertical lift of 300 ft. Supplying water beyond these limits to be negotiated.
5. Contractor will pay the first 8 hr. shift for moving between holes. Time spent beyond 8 hrs. charged to the Comapny at \$25.00 per hour.

**B. THE COMPANY COVENANTS AND AGREES:**

1. Cost of drilling using BQ equipment:

0 to 500 ft. - \$10.00 per ft.  
500 to 1,000 ft. - \$12.00 per ft.  
1,000 to 1,500 ft. - \$14.00 per ft.  
1,500 to 2,000 ft. - \$20.00 per ft.

Cost of drilling using NQ equipment:

0 to 200 ft. - \$12.00 per ft.

2. Cost of board for Company men - \$4.00 per meal.

H. ALLEN DIAMOND DRILLING LTD.

TELEPHONE 378-4494

P.O. BOX 1397  
MERRITT, B.C.

--- 2 ---

Contract continued.....

- B. 3. Cementing or grouting of drill holes if required will be charged at field cost plus 15%.
- 4. Cost of mobilization and demobe on this job will be \$1,000.00.
- 5. Company will supply a tractor for moving the drill.
- 6. Drilling mud and additives charged at cost plus 10%. Cost being catalogue price plus freight to Revelstoke.

If required the Contractor will supply a small cat for this job. This machine would be suitable for moving the equipment and preparing drill sites. This machine would be too small for road building except in easy access. Cost of this John Deere cat - \$500.00 per month plus \$10.00 per hour when it is in use. Contractor supplies an operator and maintains this machine at his expense.

IN WITNESS WHEREOF these presents have been executed by the parties hereto, this 2<sup>nd</sup> day of May, A.D.1976.

NEWMONT MINING CORPORATION  
OF CANADA LIMITED.

H. ALLEN DIAMOND DRILLING LTD.

[Signature]  
PRESIDENT

[Signature]

[Signature]  
Exploration Manager  
Western Division

\_\_\_\_\_

August 26, 1976.

H. Allen Diamond Drilling Ltd.,  
Box 1397,  
Merritt, B. C.

Dear Herb:

Re: Trout Lake Drilling Contract

In confirmation of yesterday's phone conversation with you, Newmont agrees to an increase of \$2.00 per foot for the first 500 feet of hole drilled for all drilling done after August 25. The new rate will be \$12.00 per foot for BQ core and \$14.00 for NQ. This adjustment is made in light of the unusually difficult drilling conditions in the upper portions of all five holes drilled to date. You have completed about 5300 feet of drilling, an amount in excess the 4500 originally contracted for.

I also wish to confirm the amount of additional drilling anticipated for this job. After completion of hole 76-4 to about 1800 and 76-5 to 1000 or 1200, we want to drill one more hole probably 1800 feet deep.

Would you please arrange to have the liability insurance extended to cover this additional work.

When driller Karl Bergstrand left the property due to a back injury he took with him the daily footage reports for the last few days. To complete our records could you see that we get our copies of these reports.

Yours truly,

T. N. Macauley.

TNM/gw

c.c. P. Barker.

H. ALLEN DIAMOND DRILLING LTD.

TELEPHONE 378-4494

P.O. BOX 1397  
MERRITT, B.C.  
VOK 2B0.

Invoice No. 265 Trout Lake continued.....

Equipment lost in Hole No. 76-7.

40 ft. NQ rods @ \$56.92 per 10 ft. section.....	\$	227.68 ✓
1 - BW-NQ adaptor.....	\$	47.34
1 - BW- casing shoe.....	\$	144.60
10% on above (\$419.62).....	\$	41.96 ✓
Moving in excess of 8 hours -		
6 hours @ \$25.00 per hour.....	\$	150.00 ✓
Tests Hole 76-7 @ \$25.00 per test -		
1 acid and 1 single shot test at - 10 tests.		
250 ft., 500 ft., 750 ft., 1,000 ft. & 1,250 ft....	\$	250.00 ✓
Core boxes - 60 used in 76-7 @ \$3.85		231.00
Core boxes - 101 boxes @ \$3.85 per box.....	\$	388.85 ✓
Compensation of hose line in excess of 1,500 feet for Holes 76-6, 76-6A and 76-7 (76-7 was 4,200 ft.)		
Quote from Price & Markle in Merritt hose at 24¢ per ft. - 2,700 ft. @.24¢ per ft.....	\$	648.00 ✓
Water line left installed.....	\$	150.00
Meals - 149 meals @ \$4.00 per meal.....	\$	596.00 ✓
Truck repairs - appraisal enclosed.....	\$	176.25 ✓
	\$	<u>26,035.53</u> ✓
Less rebates Bits No. W5L6588, 8563,337, Shell T4952.....	\$	319.73
	\$	<u>25,715.80</u> ✓

Bit rebates for bits no. 1216,1220,W5L 4700 to follow:

Contractor's Representative

Company's Representative

H. Allen

\_\_\_\_\_



# APPENDIX A

## H. ALLEN DIAMOND DRILLING LTD.

TELEPHONE 378-4494

P.O. BOX 1397  
MERRITT, B.C.  
VOK 2B0.

Invoice No. 265.

November 8, 1976.

To: Newmont Mining Corp. of Canada,  
Suite 1230 -355 Burrard Street,  
Vancouver, B.C. V6C 2G8.

In Account With:

H. Allen Diamond Drilling Ltd.,  
Box 1397,  
Merritt, B.C. VOK 2B0.

This invoice is for drilling on Trout Lake property.

Hole No. 76-6A NQ core drilling from 411 ft. to  
512 ft. - 101 ft. @ \$14.00 per ft..... \$ 1,414.00 ✓

Mud & Additives hole 76-6A.

Quik-Gel - 8 bags @ \$6.55 per bag.....	\$	52.40 ✓
Quik-Trol- 8 bags @ \$6.55 per bag.....	\$	52.40 ✓
Diesel - 16 gals. @ .66¢ per gallon.....	\$	10.56 ✓
Kutwell - 5 gals. @ \$13.05 per 5 gal.....	\$	13.05 ✓
10% on above (\$128.41).....	\$	12.84 ✓

Equipment lost in Hole 76-6A.

50 ft. NQ rods @ \$56.92 per 10 ft. section.....	\$	284.60 ✓
1 - 10 ft. NQ core barrel assembly.....	\$	743.44
1 - NQ shell.....	\$	289.95
1 - NQ bit.....	\$	427.70
1 - NQ overshot.....	\$	300.56
1 - NQ overshot release.....	\$	27.55
50 ft. NQ rods used as casing @ \$56.92 per 10 ft....	\$	284.60 ✓
1 - BW - NQ adaptor.....	\$	47.34
1 - BW casing shoe.....	\$	144.60
1 - NQ bit No. N5L 4700 demolished.....	\$	427.70
10% on above (\$2,978.04).....	\$	297.80 ✓

Hole No. 76-7 overburden and core drilling Nq- 0  
to 200 ft. - 200 ft. @ \$14.00 per ft..... \$ 2,800.00 ✓

Hole No. 76-7 BQ core drilling from 200 ft. to  
1,000 ft. - 800 ft. @ \$12.00 per ft..... \$ 9,600.00 ✓

Hole No. 76-7 core drilling from 1,000 ft. to  
1,341 ft. - 341 ft. @ \$14.00 per ft..... \$ 4,774.00 ✓

Mud & Additives used on Hole 76-7.

Quik Gel - 29 bags @ \$6.55 per bag.....	\$	189.95 ✓
Quik Trol - 104 bags @ \$6.55 per bag.....	\$	681.20 ✓
Diesel - 208 gals. @ .66¢ per gal.....	\$	137.28 ✓
Kutwell - 35 gals. @ \$13.05 per 5gal.....	\$	91.35 ✓
10% on above (\$1,099.78).....	\$	109.98 ✓

RECEIVED

NOV 10 1976

NEWMONT OF CANADA  
VANCOUVER, B. C.

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
					Chlor	Ser	Sil	Bio							
					A	B	C	D	E						
0-9'				CASED											
9'-127'				GRANODIORITE											
10	1.0			qtz - comp of white calc field, glassy qtz and fine sub bio largely att'd to chlor in a fq to mg granitic text w phenos of anhedral glassy qtz. Trains of sax app to follow fractured qtz frn (taken from freshest appearing pc at 120')									9	52092	
11													10		
20	2.3												20		
22				qtz - core is weathered and rusty throughout section and diff to recognize comp.									9	52093	
24				field of fine brown yellow calc									27		
30				qtz - veinings sugg by presence of lkn pcs of mass white qtz occ in some white field and a little sax rarely min.									10	52094	
13				qtz - core is badly broken and crumbly throughout consisting mostly of pebble and cobble size pcs w only a few short pcs of									37		
40	1.6			core down to 102. From 102 to 127 the core is more consistent but still badly broken, w no pcs longer than 48"									10	52095	
20				qtz vein w/ calc									47		
14				59' - small patch of forest rock w weathered env									50		
12				qtz - qtz vein in white field and open sp.									10	52096	
09													57		
60	0.5			qtz									57		
07				63'-65' - barren qtz veins									10	52097	
03				qtz 62-69' - qtz flooding.									67		
26				qtz									10	52098	
24				qtz									77		
20													10	52099	
86													10	52099	
17				qtz									87		
08															

BADLY BROKEN AND WEATHERED CORE

W. only diss interstitially in G.D. and ass w Fe-sul (F?)

eg some vesicles of melt in mass white qtz vein pc @ 26'

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	
					Chlor	Ser	Sil	Bio								
					A	B	C	D	E							
92'				open space qtz vein w. sq. calc. qtz. ex.												
93'				alk qtz. fr. filling vein w. ex.											10 S2100	
95'				barren mass. qtz. vein 1" wide												
98'				barren qtz. vein w. rusty calc., 1" to 1/2" wide												
100'																
107'				1/2" qtz. vein cut by ladder fr.											10 S2101	
110'				qtz												
113-114'				inter. ser. at 108' ser. w. vein												
119'				like pos. of mass qtz. felt vein. veins w. 1/2" wide barren qtz. vein											10 S2102	
121-127'				4" wide qtz. ser. vein w. ser. calc. w. open spaces + disc. py												
127-414'				thinly fresh looking intrusive part. w. ser. calc. part along heated fr. preceded by two 1" qtz. veins w. py + moly.												
130'				ess. qtz. ser. w. qtz. phenos in felted ser. w. some Fe-moly and qtz. veins.												
133'				SILICIFIED SCHIST												
137'				consist. of a stg. dk. brown. ls. sch. highly alt. throughout by silicification, qtz. veining and ser. in. w. minor calc. The rock is well indurated and hard w. silica flecking and heavily veined w. mass white qtz. veins, w. ex. w. white felt and/or ser.												10 S2104
140'				The schist is also highly alt. to ser. throughout, where ser. appears related to any of free qtz. bedding or qtz. veining. Calc. where seen is ass. w. qtz. py lenses within the schist. The rock is well foliated in fine lamellar at ~50° dip but is frequently contorted by highly convolute folding at irreg. intervals throughout (see sketch). Occ. calc. lens is largely obliterated by silica flecking and only trace sugg. fol. left. Rarely, narrow (1"-1') dykelets are seen of varying composition and textures. The many qtz. vein vary in thickness from 1/2" to >1" and are freq. but not invariably w. moly and py. Py. is also seen as fine cub. disc. in the ser. sch. and pass in the ls. sch. as well.												
147'				heavy fibrous staining, calc. qtz. vein w. moly.												
150'				ind. of 2-3 mm dk. sch.												
157'				no veins in the barren zone												
160'																
163'																
167'																
170'																
173'																
177'																
180'																

BADLY BROKEN CORE

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					Chlor A	Ser B	Sil C	Bio D	E	
127-140	0.1			127-414 SILICIFIED SCHIST narrow x-cut veins have become too numerous to record notes. Note will be given to min veins						11
140-190	0.1			188-190 - transition weathering 190-200 highly silicified zone in orig text obliterated, with mineral + narrow narrow 2-3" gte x-cut each other						12
190-203	0.8									20
203-210	1.5			203 bio has purple color and in part is replaced by ser as often seen around veins + top 203-207 well min zone of x-cut veins of gte, gte ser field veins, barren veins approx later						21
210-219	1.0			212-215 well min zone of intense sil.						22
219-222	0.8			219-223 small vein dyke of display grey gte + bio in sch inclusion and not a diss vein 222-227 gte vein in quartzite with consist of gte phenocrysts colored to red ser and in display and melt. vein has some ser but no melt app. except along walls and sub veins in gte.						23
222-230	0.5			230, 231 two small quartz dykes						24
230-235				235 well mineralized gte field vein						25
235-240	0.8			240-242 highly oxid transition zone gte veins 242 most gte veins intersect one cutting other 245 most gte veins cut & displ by most gte vein						26
240-250	0.0			min complex vein system of gte white field ser, a mass of sub py and melt near strike latest appears to be at 250 GA various mass gte veins do not intersect						27
250-260	0.3			series of narrow (1/2-3/4") melt on echelon gte vein 11-ft cut by 1 1/2" melt py bear gte field vein 58-60 x-cutting gte veins 11-ft cut a 1/2" gte ser field vein which in turn cuts a gte vein undulating sub H to GA, these two are seen cut by a narrow 2 1/2" gte vein at 100 GA rusty do not intersect						28
260-270				ser seen as run around veins and tra as well as accompanying gte bleaching						29

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
			10	52109
- melt along gte field		187		
		190	10	52110
		197		
		200	10	52111
- melt is ore in py in coarse clots in tea and along the walls of gte field ser veins		207		
- melt melt ore in gte field veins undulating from 200 GA to 11 GA		210	10	52112
- melt ore in gte field ser veins		217		
		220	10	52113
		227		
- melt point along walls of gte veins ore in gte dykes		230	10	52114
		237		
		240	10	52115
- melt along wall of 1 gte vein cut by gte vein w melt in core		247		
- melt ore along walls in melt but is weaker in later vein		250	10	52116
- melt to melt melt along walls of composite vein system ore in py diss throughout ore and cut end of in sch melt along base ser		257		
- melt melt along wall of gte field vein		260	10	52117
- weak melt diss along walls of echelon gte veins		267		
- weak to good melt in all veins gte diss along the walls and ore within vein		270		
- weak to good melt along vein walls				

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
					Chlor	Ser	Sil	Bio							
					A	B	C	D	E						
277-280	0.5			127-4164 SILICIFIED SCHIST avg grad est .1-.15 MoS <sub>2</sub> only orientated qtz vein						32	trains of waly sm. qtz vein Xcut scb - wk mil qtz cuts a barren qtz fold vein - md moly ass w white fold in qtz fold vein		277	10	52118
280-287	0.0			proportions of ser and bio vary greatly w gen more ser than bio. Ser occ as env around veins and fm, as incipient replacement along fol. and accompanying pervasive qtz flooding. There appears to be minor isolated replacement of bio by chlor and chlor also accompanies qtz py lenses in the bio sch						41	two qtz veins w moly dis along wall cut by barren qtz fold vein 280-87 - network of qtz fold vein 284-86 w min vein both cutting and brought by weak to barren veins. Moly is bagg and shows a pred for white fold occurring in trains sub 11 veins		280	10	52119
287-290	0.1			289-291 - network of min veins (stuck scb) 292-293 - composite qtz vein- qtz ser chl fold vein cuts a qtz vein and is itself cut by a qtz fold vein // to itself. Composite vein has inclusions(?) of sch. (diff to sort out) rich moly pointed in walls						32	- 287-291 network of min vein as desc above w 1 qtz vein 290-291 at 20° qtz weakly mil		287	10	52120
290-300	0.1			chl replacing bio and ass w qtz ser fold veins small scale (over 4") stuck type vein w mil						32	- all veins are mil w moly occ as dis along wall and along veins of incls also minor moly seen as vfy dis in gran qtz ser chl fold part of vein		290	10	52121
300-310	0.2			312 good(?) well mil vein cut by barren qtz vein - 3" and 8" min qtz fold vein cuts fol and qtz lenses Chlorite is gen ass w qtz veins and lenses in the schist and w py-pa min.						35	- wk min qtz vein 6" wide, 5 wall min qtz fold vein w dis moly along wall and ass w fold		300	10	52122
310-320	0.1			321-329 highly disrupted w much qtz flooding, chlor + pa						33	- moly ass w fold dis along wall - moly ass w w fold dis throughout 3" vein and along wall 8" vein		310	10	52123
320-330	0.0			set of 1/2" wk mil qtz fold vein cuts barren qtz vein - composite vein of qtz ser chlor and fold w dis f-a py and weak moly						45	- py-pa occ dis + being scb as fine antedotal blebs; weak dis moly diff to diff ind vein except in rare instance		320	10	52124
330-340	0.3			337 moly point 1/2" qtz fold w moly Xcuts several qtz fold py chlor veins sub 11 to fol						39	- v weak and fine dis moly along comp. boundaries of vein and late cutting veins		330	10	52125
340-350	0.6			337-352 9 mile (2"-1") mass white fe veins gen ass w minor veins both cutting and being cut by barren and min veins gen are rusty two narrow (1/8" & 1/4") qtz fold veins hit w moly but no clear indication as to which was first						45	- coarse clots of moly ass w py and white fold dis throughout vein - moly ass w fold along walls - moly in free and exterior smaller veins ass w fold of complex vein system		340	10	52126
350-360				wk moly							- moly occ in train and along walls of 1/2" vein and along walls ass w fold in 1/8" vein		350	10	52126



DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
					Chlor	Ser	Sil	Bio							
					A	B	C	D	E						
370	0.1			363 - 3" band of f laminated bio-chl sch - enochelon min qtz fold veins 1/2"-1" wide sub-ll fol. qtz chl py fold veins w sch. clots sub ll to fol						36			10	S2127	
370-371	0.1			370-371 - granodiorite dykelet of qtz ser fold sch in f tang granitic text with fine dis py and moly. cut cut by several qtz, qtz fold veins w wk to mod moly. Cross cutting relationships show at least 3 sets of veins after dykelet: ① qtz vein at 15° dip w wk moly at wall cut by ② 1/2" qtz vein at 75° dip w mod train of moly at core, both cut by ③ 1/2" qtz fold vein at 10° dip w wk moly along wall and in fra						48			370	10	S2128
380	0.2			380-401 - silicification so intense as to virtually eliminate schist text. Qtz veins and some micaceous text still present but veins have beaded app and sch in only spotty. crosscutting veins, barren vein cuts min veins - min qtz & qtz fold w x cut relationships						36			380	10	S2129
390	0.5			402 - crosscutting veins, barren vein cuts min veins - min qtz & qtz fold w x cut relationships						41			390	10	S2130
400	0.4			414-442 - variable comp due to alt's accompanying fracturing and veining. Originally a grey rock of grey qtz, with grey fold and about 5% D <sub>2</sub> O cut bio w some chl alt's and variable cut at angled glossy qtz phenos. Also contain the acc fine to coarse angular clast of bio sch freq and intensely alt'd around qtz veins and fra to qtz ser and py. Fold freq drupp comp in a folded text of vt ser and qtz w fine to coarse subbed py dis in the alt's cov. In less intens alt's zones the fold some lines remain as cream colored alkaly text crystals both contacts sharp and conformable to fol						49			400	10	S2131
410	0.0			444-542 - as described above						33			410	7	S2132
420	0.3			444-542 - as described above						16			420	10	S2133
430	0.3			444-542 - as described above						27			430	10	S2134
440	0.0			444-542 - as described above						39			440	10	S2135
450	0.0			444-542 - as described above						24			450	6	S2136

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	
					Chlor	Ser	Sil	Bio			
					A	B	C	D	E		
460	0.3			444-542 - variable mix of bio and ser w accessory chlor. and intensely silicified. Ser appears as an alteration accompanying the silica flooding, qtz veining and fr. Chlor. occurs usually accompanying glassy qtz veins (?) and lenses in the less alt'd portions of the schist gen w some accompanying py-po. Chlor also is ass w some of the ser alt'n and is rarely seen replacing biotite. The sch. is less well veined and min. than the above described sil. sch. but min. is still observed and of the same gen. water as above. Iron sulphides appear more prominent than before, particularly around 513-520. Bio ser replacing ser around narrow (<math>\frac{1}{8}</math>") qtz vein X-fel at 500.							38
470	0.1			- undulating subll. alt. w. min. moly. vein X-cut & dis. placed by other moly veins						30	
480	0.5			- X-cut & chsp. w. moly						29	
490	0.4			1/2" w. moly base or collection of veins. Heavy py in sch.						30	
500	0.4			min qtz feld cuts barren qtz feld <math>\frac{1}{8}</math>" qtz veins. qtz-ser w less feld and qtz vein borders and granitic text w wk min						31	
510	0.0			min qtz vein <math>\frac{1}{8}</math>" cut & slip by <math>\frac{1}{8}</math>" barren qtz vein						30	
520	0.4			512-517 - undulating qtz-ser feld chlor complex vein w min's qtz. borders carrying moly. several ancillary undulating qtz, qtz feld vein w moly. chloritic sch. w pass some shearing						37	
530	0.3			522-5-524 - undulating barren complex vein w qtz feld ser chlor walls and mass white qtz core. narrow <math>\frac{1}{8}</math>" qtz feld vein cut qtz veins & lenses. qtz vein w embayments into sch.						41	
540	0.3			veined but little w. moly. rock has broken sheared app w some exil.						27	

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
py-po at sec as vt.-c. dis. in the sch. part. the ser sch. and as leafy partings on foliation planes and fr. Py-po are also seen in the qtz veins some times qtz w moly and in the glassy qtz chlor lenses and veins(?).		467-470	10	52138
		477-480	10	52139
		487-490	10	52140
- v. wk moly "dust" along walls. wk c.g. dis. moly along walls. v. wk vt. dis. moly & some py. mg. moly, poss. moly "dust" in barren vein.		497-500	10	52141
		507-510	5	52142
		512-517	5	52143
		517-520	5	52144
- fine druse along vein walls. wk moly "dust" & f. dis. along walls. wk moly along upper wall and embayment.		527-530	10	52145
		534-539	7	52146
mod. druse py-po and along fr. and slip surf.		539-540	8	52147

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
					Chlor	Ser	Sil	Bio							
					A	B	C	D	E						
542-556	1.1			<p>542-556 FAULT ZONE</p> <p>gts pec</p> <p>to cobbly broken core comprised of pebbles to cobbles size pecs and shaly pecs of core &amp; little mud. Well oxidized and rusty.</p> <p>numerous massive barren white gts veins in a stock type text, heavily frayed on sides and leafy py on free surfaces.</p> <p>heavy sil chlor bio sch inside in dist text &amp; well mnt. w/ fine cut py &amp; py mass</p>							<p>moderate moly diss along walls</p> <p>very little moly seen as fine dust in narrow gts veins</p> <p>heavy py as c-f dip in schist and as clots, also seen in gts veins as leafy iron coatings</p>		542	7	52148
556-559	4.0			<p>gts pec</p> <p>numerous massive barren white gts veins in a stock type text, heavily frayed on sides and leafy py on free surfaces.</p> <p>heavy sil chlor bio sch inside in dist text &amp; well mnt. w/ fine cut py &amp; py mass</p>						<p>heavy py as c-f dip in schist and as clots, also seen in gts veins as leafy iron coatings</p>		549-550	7	52149	
556-850	1.1			<p>556-850 SILICIFIED SCHIST</p> <p>avg quat &lt; 0.03%</p> <p>as describ 444-542</p> <p>whereas rock is highly variable in detail it is very uniform in gross character. It is a well silicified bio-ser sch. Silicification appears to be a combination of recryst of the constituent gts in the original rock, intrusion of silica through gts flooding, and multi-staged gts veining both pre and post gts flooding.</p> <p>Bio appears to be the original mica of the schist and has been extensively replaced by ser alt'n as evn around veins and frs, incipient replacement along foliation planes and accompa. gts flooding. Occ bio evn are seen around gts veins cutting ser sch. Chlor is occ seen accomp early(?) indistinct glassy grey gts py-po veins and rarely replacing mg bio ass w gts veins or gts vial zones. Feldspar content is undetermined but is prob present as fine grains in the coarse text sch.</p> <p>texturally, the rock is dominantly a f.g. laminated schist w a uniform attitude of 50°-55° dip. The lamination and schistosity freq. become med. to highly disturbed in highly complex folding. Occ almost all text is lost in zones of extremely high sil and ser. giving way to a very uniform almost massive f.g. rock.</p>						<p>very wk moly confined to a few grey to white mass gts and gts fold veins. Moly occurs as fine long dis along vein walls and as w white field and scattered py and ser in frs or as vt dust along the wall region of gts veins giving the vein a blue-black shadowy app.</p> <p>fine py and much less ser is seen throughout as cut dls and lobs in the sch along fol. planes, part. in the ser. and occ occurs in more coarse clots in the sch. Py and po are also ass w some gts veins, part chlor veins where the py-po are ass in the schist in clots and in frs. (Some of these veins app to 2nd bio alt'd to chlor)</p>		560	11	52150	
570-571	0.7			<p>571-2 w wk moly in mass white gts vein</p> <p>1/2" gts moly vein</p>						<p>fine py and much less ser is seen throughout as cut dls and lobs in the sch along fol. planes, part. in the ser. and occ occurs in more coarse clots in the sch. Py and po are also ass w some gts veins, part chlor veins where the py-po are ass in the schist in clots and in frs. (Some of these veins app to 2nd bio alt'd to chlor)</p>		567-570	10	52151	
580-581	0.1			<p>barren gts vein cuts moly veins</p>						<p>fine py and much less ser is seen throughout as cut dls and lobs in the sch along fol. planes, part. in the ser. and occ occurs in more coarse clots in the sch. Py and po are also ass w some gts veins, part chlor veins where the py-po are ass in the schist in clots and in frs. (Some of these veins app to 2nd bio alt'd to chlor)</p>		571-577	10	52152	
584-608	0.6			<p>584-608</p> <p>veined w grey glassy gts gts chlor py veins but no moly seen</p>						<p>fine py and much less ser is seen throughout as cut dls and lobs in the sch along fol. planes, part. in the ser. and occ occurs in more coarse clots in the sch. Py and po are also ass w some gts veins, part chlor veins where the py-po are ass in the schist in clots and in frs. (Some of these veins app to 2nd bio alt'd to chlor)</p>		581-590	10	52153	
600-609	0.3			<p>4" mass white gts vein w wk moly</p> <p>6" grey glassy gts vein w moly</p> <p>dust of core cuts off sch. w white gts &amp; field vein w wk moly</p> <p>moly vein cuts sch surface</p> <p>1/2" vein w med moly inclusion</p>						<p>fine py and much less ser is seen throughout as cut dls and lobs in the sch along fol. planes, part. in the ser. and occ occurs in more coarse clots in the sch. Py and po are also ass w some gts veins, part chlor veins where the py-po are ass in the schist in clots and in frs. (Some of these veins app to 2nd bio alt'd to chlor)</p>		597-600	10	52154	
610-617	0.0			<p>almost all text is lost in zones of extremely high sil and ser. giving way to a very uniform almost massive f.g. rock.</p>						<p>very heavy f.g. moly and py in chlor muddy 1" seam pass in core slip surf.</p>		609-610	10	52155	
620-627	0.2			<p>wk moly in glassy gts vein w gts chlor so veins</p>						<p>very heavy f.g. moly and py in chlor muddy 1" seam pass in core slip surf.</p> <p>moly occ as fine dust along vein wall</p> <p>wk moly along wall of white mass gts vein w minor white fill</p>		617-620	10	52156	
630												627-630			



PAGE 8 OF 15		PROJECT: TROUT LAKE		HOLE NO.		PAGE 8 OF 15		PROJECT: TROUT LAKE								
DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	
					Chlor	Ser	Sil	Bio								
					A	B	C	D	E							
640	0.2			556-850 SILICIFIED SCHIST - barren vein cuts qtz vein w. wk. moly seam which in turn cuts third vein w. moly sheet  where silica alt'n is relatively low, rock has mostly granular text. between mica (big & ser) layers w. fine light coloured min. puss. feld							28	- moly occ in two qtz & grey qtz veins in tra in qtz and as "dust" in other		637	10	52157
650	0.0			wk moly along walls and dis in vein ass w. feld moly bearing qtz feld vein cuts qtz-chlor-po vein - lens in sch  shear zone w. many inter sect shear planes coated w. chlor + show slicks, still well sil. + brittle							32	- wk moly "dust" in 3" & 1/2" glassy grey qtz veins ass w. mg py  Mineralization is dominantly py-po ass w. qtz-chlor veins occ in slots and tra, py ass w. wk shear zones and py occ on f. cut grains as py-po as lathy filaments along fol & tra planes		640	10	52158
660	0.5			wk moly wk moly							31	- py clots & lg. cut py along tra surf & dis in highly sheared rock		647	10	52159
670	0.7										26			650	10	52160
680	0.0			wk moly bearing qtz-feld vein intersects with a qtz vein w. minor calcite crystals and ass. / Dis. moly is only marker of otherwise indist. veins  - wk. dis. moly bear qtz cal vein cuts an indist. vein of qtz-cal-py - wk moly in qtz feld-cal(?) py vein cuts barren vein - wk moly along walls of complex mult. qtz feld vein cuts on calcite qtz veins < 1/2" thick; moly vein offset by slip plane							40	- wk f.g. dis. has: w. white feld.		657	10	52161
690	0.0										47	- moly ass w. white feld, py w. ca		670	10	52162
700	0.1			3 en echelon glassy grey qtz veins w. moly "dust" surrounded by a 2" qtz-chlor-py vein. moly veins show pinch & swell following foliation - moly sheared rock - qtz-calcite veins							35	- moly ass w. white feld along boundaries qtz veins < 1/2" thick		677	10	52163
710	0.2			695-735 qtz, qtz-feld, qtz-ca, qtz-chlor-py veins present but ass no moly noted in core. Qtz-chlor-py-po vein are more prominent than in previous core and most veins are small to fol a 50°-60° ch, and long thin indist walls. Very few of the crisp clear qtz-feld vein ass w. moly usual.							28			687	10	52164
720	0.1										48			690	10	52165

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					Chlor	Ser	Sil	Bio		
					A	B	C	D	E	
730	0.2			556-850 SILICIFIED SCHIST as described above						37
740	0.2			chloritic slip surf w sick X core in plane II to fol wk min gte vein offset by chlor slip surf						39
750	0.0			535-580 Very weakly min zone except for iron sulphides in glassy grey gte lenses w chlorite and sometimes 2 <sup>nd</sup> bio. Rare wk moly in gte veins. A few chloritic narrow shear zones occur at irregular intervals						32
760	0.3									28
770	0.0			wk moly "clust" in gte vein wk moly trains in 2 <sup>nd</sup> bio sub II fol						37
780	0.2			stark type stru of intersecting moly bearing gte fold veins w at least 3 X cut relationships						37
790	0.0			series of enechelon gte fold veins sub II to fol at 50-60° dip Min gte vein are dominated by enechelon sets sub II to fol.						35
800	0.2			shear w waxy chlor surf cuts & offset two X cut gte vein w wk moly min enechelon gte fold veins 1/2"-2" wide w wk to mod moly sub II fol intersect baroclyte vein						41

wk min gte vein  
wk min gte vein  
wk min gte fold  
py veins

wk moly "clust"  
in gte vein  
wk moly trains  
in 2<sup>nd</sup> bio  
sub II fol

do not intersect

wk moly along  
vein walls  
do not intersect  
except as shown

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
- Py-po occ as w/ euhedra or grains on fol surf or in clots and in fns in gte veins usually ass w chlor. Po is the more com- mon min. esp in the veins. The sulphides also occur as fine leafy flakes on fol surfaces and here py is more common.		727-730	10	52166
- moly min. occ as fine dis and "clust" along vein walls		737-740	10	52167
- mass white fold py vein w wk trains of moly internally ass w enechelon glassy gte vein w moly "clust" and gte chlor po veins Age relations unknown		747-750	10	52168
		757-760	10	52169
		767-770	10	52170
- wk moly "clust" in gte vein ass w chlor, po and bio (2 <sup>nd</sup> ) may be a later moly vein following an earlier gte chlor po vein		777-780	10	52171
- wk to mod moly as diss grains and "clust" along vein walls and ass w white fold. Veins also have some f-c py mass 2 <sup>nd</sup> bio		787-790	10	52172
- moly occ as mod diss and rich coatings along walls of veins 1/2"-2" thick and ass w white fold. Some coarse py		797-800	10	52173
- moly occ as diss along vein walls ass w white fold		807-810	10	52174

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
					Chlor	Ser	Sil	Bio							
					A	B	C	D	E						
820-826	0.2			556-850 SILICIFIED SCHIST - slightly undulat - moly paint on						42		817	10	52175	
826-830	0.3			823-826 - highly sheared and disrupted rock w several chlorite slip planes and qtz veins intersecting and cut off w wk to mod moly and rock py - broken core - Pass Fault						35 BLACK	- wk moly along wall of circulating qtz vein sub-11 ch w sheared walls and mass clots of py-po - wk to mod moly diss in time to mod grains along vein walls and in fra	820	10	52176	
830-840	0.1			- mod moly in 1/8"-1/4" qtz fold veins						47	- moly occurs as diss at core and along walls	827	11	52177	
840-850	0.3			- narrow undulat qtz veins w sh. wk moly - boundary is abrupt but arbitrary, mark where bio is almost totally absent from the schist						43	- complex qtz fold vein w sh. moly along walls and at core, sub-11 to fol	838	12	52178	
850-860	0.4			850-907 SILICIFIED SERICITE-CHLORITE SCHIST - consist of highly silicified sericite and chlorite schist w numerous qtz veins both min and barren. Traces of bio are seen only in first few feet. Vh-gph						16	- Sulphides consist mostly as fine diss of py-po on fol and fra surfaces in the schist and veins. There are also freq large mass clots of mixed py-po in qtz veins. Sulphides are also localized in the crushed and sheared zones esp at the borders of qtz veins. Gra also is present in fra and along shear planes.	850	7	52179	
860-870	0.1			- 862 breccia of white qtz clasts in glassy grey qtz matrix - rich moly on shear walls, mod py-po - mod diss moly - the rock is highly sheared and disrupted w many chlorite shear planes both following foliation and crossing it at random angle and undulating along the core. The schist is a uniform lt greenish grey with white qtz blabs and leuses						33 BLACK	Moly occurs as diss and coatings along vein walls and as coating and fra filling along fra and shear zones. Finely divided moly is often seen at the borders of crushed veins. Moly is also occasionally ass w py-po. In the qtz breccia at 862, wk diss moly grains are seen in the mass white qtz clasts and does not appear to be in the glassy qtz matrix	857	10	52180	
870-880	0.5			- 1" mod seam - all qtz veins are somewhat indistinct w fuzzy borders and random attitudes. Many have crushed borders w admixed crushed wall rock inclusions. A distinctive qtz breccia occurs at 862' with angular elongate clasts up to 2" long of massive white qtz at a preferred orientation of 60° GA in a glassy grey qtz matrix. Wk moly is ass in the clasts of this breccia and it occurs in a highly crushed disturbed section of the schist.						52 BLACK		867	10	52181	
880-890	0.7			- qtz pec w moly(?) - the core is badly broken in many places and consists of pebbles of white						44 BLACK		877	10	52182	
890-900	1.0			- qtz pec w wk moly - wk graphitic shear						44 BLACK		887	10	52183	
900	3.6											897			

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
					Chlor	Ser	Sil	Bio							
					A	B	C	D	E						
850-907	2.7			SILICIFIED SERICITE CHLORITE SCHIST - moly along shear walls - qtz or shards of schist w waxy chlorite surfaces						20% 6x 6		907	10	52184	
907-918	3.6			FAULT ZONE - attitude of fault unknown - made up of pebbles and shards of qtz, sericite chlorite schist and sandy mud of the same along with graphite. Contains rich dist fine py in schist and in tra in qtz						8x GENERAL CORE		910	11	52185	
918-925	3.7			SILICIFIED SERICITE CHLORITE SCHIST - as described above 850-907 except not so highly broken. Boundary arbitrary where significant bio reappears						30% 12x 6		918	7	52186	
925-1255	1.5			SILICIFIED SCHIST - as described 556-850 - Fol is fairly constant at 60° GA down to about 946 from where it is highly disrupted, fold upon fold in no recog pattern on a scale of less than 1/8" to 1/4"						54		925	12	52187	
925-1000	0.9			- moly t some py - rock is fq and ore apl part where sil is most intense - chlor occ both as waxy coatings on slip surfaces and as deep green flakes and clots in qtz chlor py-po veins. These veins also appear to contain some bio, perhaps 2nd						53		930	10	52188	
946-950	1.4			- 8" qtz vein w waxy - is not intersect - glassy grey qtz vein w fq moly along walls cuts qtz fold vein w wk dist po. Both cut a qtz-chlor 2nd bio zone						45		937	10	52189	
950-960	1.0			- qtz fold only vein - offset 1" by slip surf - moly moly on slip surf - narrow ser cov around 1/2" barren and mid white qtz veins in a relat. fresh looking bio-sser sch						37		940	10	52190	
960-970	1.2			- segg of wk bio cov around qtz moly veins - fresh looking bio (2nd?) ass w qtz-chlor vein and in qtz rich zones (774, 776, 779)						34		947	10	52191	
970-980	0.0			- segg of wk bio cov around qtz moly veins - fresh looking bio (2nd?) ass w qtz-chlor vein and in qtz rich zones (774, 776, 779)						34		957	10	52192	
980-990	0.6			- narrow ser cov around 1/2" barren and mid white qtz veins in a relat. fresh looking bio-sser sch						34		967	10	52192	
990-997												970			
997-987												977			
987-790												980			
790-987												987			



DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
					Chlor	Ser	Sil	Bio							
					A	B	C	D	E						
0.0				925-1255 SILICIFIED SCHIST - bio env around 1/8"-2" qtz-chlor bio po veins						37	- moly diss along walls + ass w white feld + ser		10	52193	
1000	0.6			1000-1100 Est avg grade 1% MoS <sub>2</sub> - qtz-chlor bio po vein cuts qtz-chlor veins later vein has very indist boundaries which is somewhat characteristic						38	- moly bearing qtz feld vein badly broken by frac along vein fra continues po: to 998		997	1000	52194
1010	0.0									59	- diss moly and py within and along walls of mass white qtz ser vein		1007	1010	52195
1020	1.1			1014-1021 - dot ass w po in qtz vein - similar to ser-chlor sch describe above, several very shear surfaces sub // to fol and X-cutting it occ multiply broken core cutting barren qtz vein						59	- ser wk min qtz veins w moly along walls at various angles but do not intersect and are from 1/8" - 1" thick		1017	1020	52196
1030	0.0			- min qtz-feld vein cut glassy gray qtz lenses and veins(?) in sil sch - two separate min qtz-feld veins intersect but diff to determine earlier or later						59	- mod diss wq moly ass w white feld along walls and internally		1027	1030	52197
1040	0.5			1031-1033 Est grade 1027-1037 5% Mo - 4 richly min 1"-7" qtz feld veins w 7-8% enclon 1034-1037 - 4 mod to richly min qtz feld veins; good moly end abruptly at 1037						55	- coarse vossotte of moly ass w coarse clots of po - moly ass as mod diss along walls and as coarse vossottes and finely divided "dust" ass w po in large veins - coarse dis vossottes of moly ass w clots of py & po with intimate admixing		1037	1040	52198
1050	0.3			1042 - 4 qtz-chlor po vein w bio env - mod to well min 3" x 1/8" qtz feld veins sub-// fol - indist veins but moly dust present						49	- diss along walls of 1/2" vein and diss in matrix and as coarse vossottes ass w clots of py-po		1047	1050	52199
1060	0.4			1053-1059 - wk min qtz-feld veins < 1/2" thick sub-// to local fol						60	- wk moly diss along vein walls		1057	1060	52200
1070	0.0			- 1"-1/2" qtz veins wk min - wk min grossly qtz veins in a highly silicified zone w diss chlor - wk min qtz-feld veins w wk ser env and chlor in later fra						46	- wk py moly and moly dust along vein walls		1067	1070	52201
1080				- wk min 1/2" qtz feld veins, one at low angles intersect w one at high angles but not each other - wk min qtz feld vein offset by fra						39	- wk lg moly or moly "dust"		1077	1080	

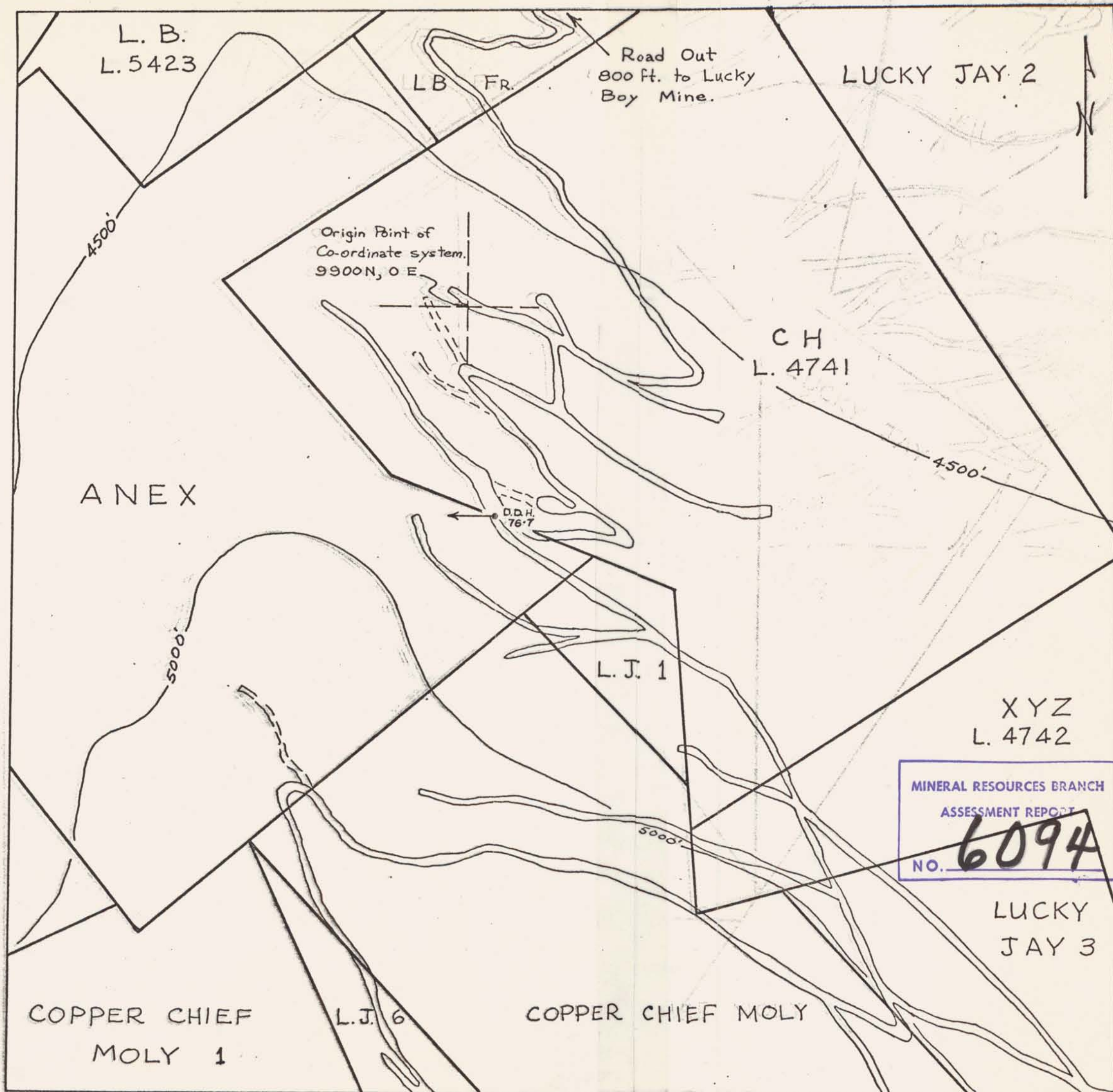
DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	
					Chlor A	Ser B	Sil C	Bio D	E							
1096	0.2			925-1255 SILICIFIED SCHIST - 1/8" - 5" qtz fold vein w mod min, minor ca. ore cut by slip surface, no other intersect.						50	- fine to coarse moly ass. w. diss. py-po in mass clots and in interstitial veins, complex vein systems			10	S2202	
	0.4			Shattered and broken core, adobe moly vein - min qtz fold veins intersect, schist ages indeterminate							- high angle vein w. min w. interstitial veins of moly "clust"; high angle vein w. mod min w. interstitial veins of w-eg vosselles of moly ass w. white FeO & py-po		1087			
				- mass white min qtz fold vein 6" thick, w minor carbonate cut by ore fra						53	- mod moly is diss along walls and internally ass w py-po clots and in fra where it cuts min vein wall		1090	10	S2203	
				- 1/8" min qtz thinner fold cuts through // to a qtz chlor vein							- wk min w moly "clust" along walls		1097			
1100	0.5			- 1/8" min qtz fold vein sub-ll to local fol							- wk fq. diss moly along qtz fold vein walls		1100			
	0.0			qtz pocket on wall through w moly - clots and env. of 2nd bio in high sil ser sch. and some narrow (1/8") cream colored carbonate veins cutting fol and min qtz fold veins						53	- mod fq. diss moly along vein wall		1107	10	S2204	
1110	0.3			- min qtz fold vein sub-ll to fol and pinches and swells w fol, also chlor alt'n along walls						40	- wk moly diss along walls		1110	10	S2205	
				- wk min qtz vein cut by fra w wk sugy of shearing, vein wk cemented								- moly and py occur diss in qtz vein and smeared out on fra surfaces		1117		
1120	0.6			- slip surface cuts two intersect min qtz fold veins						33	- moly occurs diss along vein walls and as "clust" in veins and smeared along steep slip surfaces		1120	10	S2206	
				- series of an echelon qtz fold vein filled slip surfaces w cemented vein and wall rock and sulphides cut qtz fold veins w moly							- slip surface w crushed py and poss. wk moly		1127			
1130	0.0			- core is consistently fra w evidence of slippage at an angle of -30° CA w a few poss. min						45			1130	10	S2207	
				1137-1169 - Schist is highly disrupted w numerous slip surfaces: coated w chlor and at all angles. It is also highly fra and broken and ser alt'n env accompany many of the fra. There are many veins at all angles as well, but few of them contain any moly						40			1137			
1140	0.2			- very weakly min qtz fold veins							- f-moly moly v. wk diss along walls; ass w py		1140	10	S2208	
				- lost in highly siliceous zone						38			1150	10	S2209	
				1155-1160 highly broken core w many broken pgs showing slabs							- py geo wk diss along fol occurs in massive clots ass w a narrow 2" shear zone through a qtz vein at 1157		1157			
1160	2.1			- 1/8" wk min glossy grey qtz vein - muddy chloritic shear zone 2" wide - wk min qtz vein cut by slip surface - min veins white qtz vein cuts mass white qtz zone in sch - wk min qtz veins sub-ll fol						47	- wk moly diss along walls		1160	10	S2210	
											- wk moly diss along walls of vein and smeared in slip surface		1167			
1170											- mod moly diss along vein wall		1170			
											- wk moly diss along vein wall		1170			

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					Chlor	Ser	Sil	Bio		
					A	B	C	D	E	
1180	0.8			925-1255 SILICIFIED SCHIST - strong cleave surface w chloritic matrix surface - narrow slip surfaces coated w finely divided py and qtz cut across highly disrupted foliation - wk min qtz vein terminated against a slip surface						54
1190	0.2			1180-1192 - highly silicified lt greenish tan sch w rare and very minor bio streaks. Very uniform looking but highly disintegrated and occasionally fine banding. Few white qtz vein or lenses. Wk min in matrix but carries fine dis py.						45
1200	0.0			1/2" wk min qtz vein sub-ll to fol; pink & small w fol - narrow veeg cross cutting qtz vein - 4" qtz vein x cut fol & 1/2" qtz vein slightly askew						40
1210	0.3			min pocket of qtz in core wall - slip surf w heavy graphite coatings - broken core w chlor coated slip surf and fine dis py						44
1220	0.0			min qtz fold vein cuts unmin qtz vein						45
1230	0.0			1221-1228 - similar to that describ 1180-1192 - two wk min an echelon qtz fold vein cut by slip surf - mod min qtz fold vein intersect qtz py vein both have dol						34
1240	0.8			1234-1252 - similar to that describ 1180-1192 except more fasy and stronger bio zones w a fresher app. poss 2nd. Also sch app faintly chlor in places as well as freq slip surf w chlor coatings. Numerous cream coloured veins of carbonate (dol) bleaches upon reaction HCl. Follow fra at var angles. Cream coloured dol also seen in some qtz veins						42
1250	1.6			- wk min qtz vein cut by slip surf, mod min qtz vein unaffected						26
1260	1.1			1255-1285 FAULT ZONE - 8" wk min qtz vein cuts fault border zone at 1256'						27

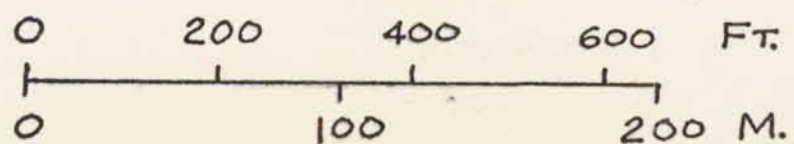
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER
- moly wk dis along vein walls			10	52211
		1177		
		1180	10	52212
Py is dis throughout as fine subecla along fol planes and as finely divided "part" on shear planes, poss ass w gra. Moly is occ seen in white mass qtz veins. Wk dis along vein walls		1187		
		1190	10	52213
- wk fgy moly dis along vein walls				
- mod moly dis along walls				
- narrow vein has fine moly dis along wall. 9" vein has moly dis along wall and w py. possible dis w bio in some places		1197		
		1200	10	52214
- VE sub py dis on fol planes and as leafy coatings on fol and slip planes. Py also occurs as coarse clots in some qtz veins and fine and as very finely divided "part" ass w gra on shear surf. Po app as fine dis in bio sch and dis in qtz-chlor-bio veins. Moly occurs as wk to mod dis along qtz, qtz fold veins, occ ass w py		1207		
		1210	10	52215
		1217		
		1220	10	52216
- mod min qtz fold veins intersect wk to unmin qtz py veins w or w/o dol. Moly occ dis along walls and in mod vein veins in veins internally		1227		
		1230	10	52217
- moly along walls and in coarse clots in fra (some dol)		1237		
		1240	10	52218
- v wk moly dis on vein wall - wk moly dis at core of 8" qtz fold veins - wk moly along walls of qtz py vein		1247		
		1250	8	52219
- abundant py-po interstitial in fault gouge		1255		
		1260		

DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	
					A	B	C	D	E							
1255-1285	2.2			<b>FAULT ZONE</b> - some consist of short (2-9") pos of core and shards and pebbles of sch and gte. The pebbles are mostly a white gte or highly silicified light green grey chlor-ser sch while the shards are green amphibol chlor ser sch or light green waxy chlor slip serf This core rarely shows any consistent fol the augen, gm mylonitic text in num cross streaks and heavy comminution though there is little fine grained material or mud. A heavy shearing, mylonitic text in gte augens in a gm sch matrix gives an illitic of 20' dia as prob. gen dir of movement at 1277 1285-1341	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA
1285-1341	1.6			<b>SILICIFIED SCHIST</b> - similar to above described schist except as noted - somewhat less silicified in siliceous flooding though still numerous gte veins and lenses appears to contain more light grey feld as noted interstitial grains, giving rock slightly green opp sch is more green a bio-chlor ser or ser in the zones of greater siliceous flooding sch is a purplish brown to green colour to light grey - bio-gm ground gte veins appears more common as are gte bio-chlor veins - waxy bearing gte veins are uncommon to rare - core is in places highly fine and sheared to shear in shear surf after coring in chlor and for gra-w py (p.?)	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA
1341-1341	1.0			<b>END OF HOLE</b> - the green chlor ser w purplish brown bio-streaks - the waxy relationship unknown because of broken cores	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	
1255-1285	5.8			at base of py and gm in the schist along fol and slip surf as leafy films and in lens in pos of gte veins some py and gm are also seen fill and slip surf as a part along w graph fol is observed only at 1280's most fine dis in the chlor sch adjacent to a pc of white gte - v waxy and gte vein, within vein	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	
1270-1285	10			Salphides are green py and py dis in sch, py and bio-chlor and py w ser to py also occ as obs and leafy films on the plates and as a chlor ser w chlor in gte chlor bio veins and lenses. Gte is also seen on shear surf in some pos iron sulphides	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA	
1300-1315	10			- v waxy finely dis along walls of vein	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA		
1320-1325	10			- shearing along gte vein 1/4" to 1/2" (p.?) - three v waxy vein 1/2" thick	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA		
1330-1335	10			- "zone of broken core, pebbles & minor clay - the waxy relationship unknown because of broken cores	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA		
1340-1341	6			- v waxy seen dis in gte vein and in sil - v waxy sch	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA		





SCALE : 1 INCH = 200 FEET = 61 METRES



SURFACE PLAN SHOWING

LOCATION OF D.D.H. 76-7

6094

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

NO.

6094

LUCKY  
JAY 3