

6293

REPORT ON DIAMOND DRILLING

BEAR CLAIMS

LORNEX MINING CORPORATION LTD.

BY

M.W. WALDNER

APRIL 1977

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO. _____

Claims:

Bear 5
Bear 9
Bear 10

Location:

Approximately 26 miles Southeast of Ashcroft, B. C.
Kamloops Mining Division $121^{\circ} 00' W$, $50^{\circ} 25' N$, N.T.S.
92I/6h
92J/7e

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#1 FIGURE B DRILL HOLE LOCATIONS

REPORT ON DIAMOND DRILLING

BEAR CLAIMS

SUMMARY

Three diamond drill holes were completed on Bear 5, 9 and 10 claims in the Highland Valley area of British Columbia.

Assay results and visual estimates indicate that copper and molybdenum mineralization in the areas tested are non-economic.

INTRODUCTION

During November and December of 1976, three diamond drill holes were completed on the Bear 5, 9 and 10 claims owned by Lornex Mining Corporation Ltd. There was a total of 1600 feet of N.Q. wireline drilling done.

The drilling, under contract to Connors Drilling Ltd., commenced November 16, 1976, and was completed December 10, 1976. The program was under the supervision of M.W. Waldner.

One hole, 596 feet deep, was drilled on Bear 9 claim. One hole was drilled to a depth of 503 feet on Bear 5 and one hole was drilled to a depth of 501 feet on Bear 10 claim.

All core was logged and geological structures, rock types etc. were noted. A total of 55 samples, representing 550 feet of drill core were assayed for total copper, soluble copper, and molybdenum.

LOCATION AND ACCESS

The claims are located in the Highland Valley of B.C., latitude 50° 25' N, Longitude 121° 00' W, N.T.S. 92I/6h and 92I/7e. The property is approximately 26 miles by road southeast from Ashcroft, about 2 miles due south of the Lornex Mine open pit.

DIAMOND DRILLING RESULTS

A skid mounted diamond drill was used to drill all three holes. All drill sites access roads etc. were prepared by Lornex Mining Corporation Ltd. The diamond drilling was done, under contract, by Connors

Drilling Ltd.

All holes were drilled between 500 and 600 feet vertically. Overburden depths varied from 16 feet to about 70 feet. The holes were drilled with mud; no sludges were recovered.

All holes were logged on a scale of 1" = 10 feet.

D.D.H. #180

This hole was collared November 16, 1976, on I.P. grid line 56 N, 17+00E. Coordinate grid location was approximately: 70,820 North
102,630 East.

The hole was completed November 21, 1976, to a depth of 596 feet. The overburden was about 70 feet deep. The hole was sampled from 70 feet to 596 feet. The core was split, onehalf retained and the other half was assayed for total copper, soluble copper and molybdenum. The highest assay was 0.035% copper and 0.006% molybdenum over ten feet.

Intense fault ~~gauge~~ was encountered throughout the hole. The main rock type was Bethsaida granodiorite and some minor aplite dykes were cored. Sulphide mineralization was almost non-existent.

D.D.H. #181

This vertical hole was collared November 23, 1976, and completed December 1, 1976, to a depth of 503 feet. This hole is located on I.P. grid line 100 East, 12+00 South at approximately: 64,780 North
112,260 East.

The glacial till was about 10 feet deep. No significant sulphide mineralization was observed, but five ten foot sections of core were split and onehalf assayed for copper and molybdenum. The highest assay over ten feet was 0.028% copper and 0.004% molybdenum.

The rock was generally fresh to very weak propylitic altered Bethlehem quartz diorite. Only minor faulting and mineralization was observed.

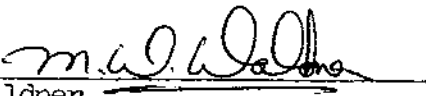
D.D.H. #182

This vertical hole was collared December 4, 1976, on I.P. grid line 8 North, 18+00 East at coordinates 66,060 North, 102,360 East. The hole was completed to a depth of 501 feet by December 9, 1976.

No sulphides were observed in the core and consequently more of the core was sampled by assaying. The core recovered was generally intensely faulted Bethsaida granodiorite to quartz monzonite.

CONCLUSIONS

The induced polarization anomalies that this diamond drilling program was to test do not appear to be caused by sulphide mineralization. Areas of chargeability highs tested generally are fault zones.


M.W. Waldner
Mine Geologist

APPENDIX I

STATEMENT OF COSTS

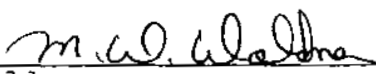
CLAIM NAME DRILL HOLE NO.	EQUIPMENT/ PERSONNEL	WORK PERFORMED	TIME WORKED	RATE	CONNOR LTD. INVOICE CHARGES	TOTAL
General Charges		Mobilization/Demob.			\$ 800.00	\$ 800.00
	M. Waldner	Report prep. Supervision	14 Days	\$175/day		2,450.00
	G. Smith	Supervision, etc.	2 Days	\$150/day		300.00
	Grader & Operator	Road work	8 Hours	\$60/hour		480.00
	D9-H & Operator	Road work	8 Hours	\$65/hour		520.00
	4 x 4 Pick-up		2 Days	\$45/day		90.00
BEAR 9 D.D.H. #180		Drilling			\$8,319.96	8,319.96
		Assaying 50 Samples		\$10/sample		500.00
	M. Waldner	Core logging, Supervision	6½ Days	\$175/day		1,137.50
	G. Smith	Supervision, etc.	2 Days	\$150/day		300.00
	J. Jones	Sampling core	40 Hours	\$12.95/hour		518.00
	D9-H & Operator	Road & site prep, moving	48 Hours	\$65/hour		3,120.00
	Loader & Operator	Moving drill	3 Hours	\$55/hour		165.00
	4 x 4 Pick-up		3 Days	\$45/day		135.00
BEAR 5 D.D.H. #181		Drilling			\$8,261.21	8,261.21
		Assay 5 Samples		\$10/sample		50.00
	M. Waldner	Supervision, etc.	2 Days	\$175/day		350.00
	J. Jones	Sampling core	4 Hours	\$12.95/hour		51.80
	G. Smith	Logging core	6 Days	\$150/day		900.00
	D9-H & Operator	Moving, road & site prep.	24 Hours	\$65/hour		1,560.00
	Loader & Operator	Moving drill	16 Hours	\$55/hour		880.00
	4 x 4 Pick-up		2 Days	\$45/day		90.00
BEAR 10 D.D.H. #182		Drilling			\$9,2962.12	9,262.12
	M. Waldner	Logging, Supervision	5 Days	\$175/day		875.00
	G. Smith	Supervision, etc.	1½ Days	\$150/day		225.00
	D9-H & Operator	Moving, road & site prep.	24 Hours	\$65/hour		1,560.00
	Loader & Operator	Moving drill, site prep.	24 Hours	\$55/hour		1,320.00
	4 x 4 Pick-up		2½ Days	\$45/day		112.50
					GRAND TOTAL	<u>\$44,333.09</u>

APPENDIX II

STATEMENT OF QUALIFICATIONS

M.W. WALDNER

1. Graduated with a B.Sc. in geology from the University of B.C. in 1969.
2. Employed as an exploration and mine geologist for eight years.
3. Have supervised drill programs and written many reports in positions at Endako Mines and Lornex Mining Corporation Ltd.
4. Statements made in this report are based upon geological and drilling information.


M.W. Waldner
Mine Geologist

6293

QUILTANTON L.



CALLING L.

LORNEX PIT

Hwy

PIMAINUS L.

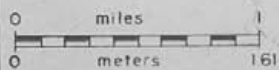
BEAR 9

BEAR 10

SKUHOST CR.

BEAR 5

50°25'



121°05'

SPAIST MTN
6072'

LOCATION MAP - FIG. A

LORNEX MINING CORP. LTD.

NTS. 921/6E

LORNEX MINING CORPORATION LIMITED

DIAMOND DRILL RECORD

Hole No: 182

Section: Line 3 North (I.P. line)
 Lat: 18 East
 Dep: _____
 Azimuth: _____
 Dip: -90° (vertical)
 Collared: December 4, 1976
 Completed: December 9, 1976
 Length: 301'

Core Size: N.Q.W. Elevation: _____
 Dip Tests: _____ Date Logged: Dec. 7/76 - Dec 13/76

Claim No.: _____
 Logged By: M.W. Waldner
 Remarks: Drilled with mud - no sludge recovered, generally more disseminated magnetite thru-out hole - sometimes with 1/2 ton. Core very black to a 450'. No Sulphides observed.

Scale: 1" = 10'

Rock Types and Alteration								Graphic Log	Mineralization and Structures				Recovery	Assay Results						Estimated Grade							
Qtz	Plag	K Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance		L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks		Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy	
																Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
											Overburden 0'-16'																
40% Fresh light grey sub- to pinkish phenix	30% part. white to cream colour	10-15% pink fresh	15% wkly chl. Bio books	chl + minor clay 1 1/2 cal interst + hls vein	med-coarse gravel	6-7	Bethsaida G.D. to N.M. Wk. Arg. to Fresh Alt'n	16'	30 top of flt zone hls	dis. mag.	flt zone 16'-17 1/2'																
								20'	40 bottom of flt zone		flt zone 18 1/2 - 20'	20															
								20'	20 1/2 top of flt hls at bottom of flt	ch (chert)	flt zone 25'-28'	24															
								30'	50 top of flt zone	chert + mag	1' missing 24'-29'	29															
								30'	60 hls	hem. mag. calc	3' missing 29'-35'																
								35'	35x2 hls	calc clay-hem. mag	flt. zone 29'-42' (low) + mag. qtz.	35	60%														
								40'	20 1/2 hls	clay + cal (epid)	1' missing 32 1/2 - 42	38 1/2															
								40'	30 1/2 hls	flt	2' missing 42'-47 1/2'	42	30%														
								50'	10x2 hls	chl-hem. mag.																	
								50'	60 hls	flt																	
								50'	85 hls	chl-hem																	
								50'	10+30 hls	epid-hem + flt																	
								50'	70 top of flt. zone		flt zone 49'-64 1/2'	52															
								60'		Abundant Hem + minor mag. in flt zone very soft calc		57 1/2															

Rock Types and Alteration								Graphic Log		Mineralization and Structures				Recovery		Assay Results						Estimate					
Qtz.	Plag.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration	Footage Structure	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy	
																Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
																%	%	Core	Sludge	Combined		Combined		Combined		Py	Ox
									20		hlc	hlc	1' missing 62'-67 1/2'	62													
									30		hlc	hlc															
									40x3		hlc	hlc															
									70		hlc	hlc	4' missing 67 1/2'-73'	67 1/2													
									35		hlc	chl-ham															
									80x3		hlc	chl-ham v3															
									90		hlc	chl. (cham-g-rearing)	fit zone 77'-79'	73													
									70		hlc	chl.															
									24" g g		hlc	chl.															
									75-77		hlc	chl.	1' missing 78'-83'	78													
									80		hlc	chl-ham															
									15		hlc	chl-ham															
									80		hlc	chl-ham															
									80x2		hlc	chl-ham	4' missing 87'-88'	83													
									80		hlc	chl-ham															
									90		hlc	chl-ham															
									60-50		hlc	chl-ham															
									20x4		hlc	chl-ham															
									20x4		hlc	chl-ham															
									20x4		hlc	chl-ham															
									70x25		hlc	chl-ham	fit zone 93'-98'														
									100		hlc	chl-ham	2' missing 94 1/2'-99'	94 1/2													
									100		hlc	chl-ham	1 1/2' missing 99'-101'	99													
35									101		hlc	chl-ham	2 1/2' missing 101'-106'	101													
6									101		hlc	chl-ham	2 1/2' missing 106'-109'	106													
									110		hlc	chl-ham	2 1/2' missing 109'-112'	109													
									5		hlc	chl-ham	1 1/2' missing 112'-115'	112													
									40		hlc	chl-ham															
									10x2		hlc	chl-ham															
									80?		hlc	chl-ham	3 1/2' missing 115'-119'	115													
									120		hlc	chl-ham															
									40		hlc	chl-ham															
									120		hlc	chl-ham															
									45		hlc	chl-ham															
									70		hlc	chl-ham															
									70x2		hlc	chl-ham															
									50x2		hlc	chl-ham															
									40		hlc	chl-ham															
									70x2		hlc	chl-ham															
									130		hlc	chl-ham															

Rock Types and Alteration							Graphic Log	Mineralization and Structures				Recovery		Assay Results						Estimate						
Qtz.	Plag.	K-Spar	Mafics	Accessories	Texture	Hardness		Rock Name Appearance	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy	
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2		
																									%	%
25%	50%	15-20%	10%	chl. cal mag	mod-coarse grained	6-7	very wk Arg. to Fresh Bths. O.M.	20+70 20+14 30 30+40+50+40 50+70+20+2 35x2 55 30 25x2+35	4/16x2 hls x 3 + 1/4 qg 1/2 qg 1/4 + 1/8 x 2 + 1/4 qg 1/4 qg + hls x 2 hls x 2 hls hls 1/8 x 3	pink-cal x 2 pink-cal-chls v s + Ft Ft 1/2-chl x 3 + Ft Ft + chl x 2 chl + frac. chl chl-clay chl x 2 + chl-epid	1/2' missing 408'-413' 1/2' missing 413'-417'	413		90%												
								420	25+30+50 45x2 45 60 30x2 35x2 20	48x3 + hls 1/2 qg x 2 hls hls hls x 2 1/8 white 1/2 qg 18" qg	chl-cal x 3 + chl. Ft. x 2 frac. chl x 2 cal + frac Ft Ft. (cal-hm-clay in qg)	dis. mag. 1/4' missing 427'-426'	422		92%											
							Mod. Ara. Allh	430	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		430		96%											
								432	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		432		96%											
								439'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		439'													
								442'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		442'													
								445'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		445'													
								449'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		449'													
								453'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		453'													
								461'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		461'													
								463'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		463'													
								469'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		469'													
								470'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		470'													
								473'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		473'													
								478'	30 60x2 40 55 50x2 40x2 50x2 45-50x2	1/2 hls v 2 hls hls hls + 1/4 qg 1/4 + hls hls + 1" qg hls v 3	cal frac frac frac. frac + Ft Ft + chl frac + Ft. chl x 3		478'													

Qtz.	Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Recovery		Assay Results						Estimate				
	Plagi.	K Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance		L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks		Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy	
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
															%	%	Core	Sludge	Combined	Combined	Combined	Combined	Py	Ox		
							350	10x20 50 25 75x40 50 25 46x2x20 45 60	2 1/2" g hls 2 1/2" g 2 1/2" g 4 1/2" g 4 1/2" g 2 1/2" g	fit + frac. Fract. Fract. Fract. Fract. Fract. Fract.	Note most of small cal. covered fractures are slickensided.	254	11128	40350	.010	.004	.004									
						359	373	46x50 50x65 50 50 10x2 75x50 40	6 3/4" x 1/2 14 x 2 1/2" g top of fit zone cal. chf mag. qtz-mag-hem-(small) x2 cal chf g g x2 Fract.	fit 363-366	362	10780	40360	.020	.004	.004										
						373	382	40x20 70x3 50x35 30 50 20	1 1/2" g hls 1 1/2" x 1/2" g hls 1 1/2" g 2"	fit Fract. cal + qtz-mag-mo cal x2 + fit cal x2 fault g cal fit g. Fract.		372	14844	40370	.010	.004	.004						.02			
						382	389	50 65x70 20 10 50x3x45 55	1 1/2" g hls 1 1/2" x 1/2" g 1 1/2" g	Fract. Fract. cal g x2 + hem-cal g x2 + fit Fit		380	13226	40380	.010	.004	.004									
30% fresh white to light gray 40-50% pink to light gray 20% fresh 15% Bio 2-4% chf + ser.				1-2% cal. Coarse grained to slightly porph.	6	Moderate Arg. Alid Bot. G.D.	389	80x2 50 60x4 30x2	1/2" x hls g 1 1/2" x 1/2" g	Fract. Fract. qtz-(small) chf. cal g. qtz-hem-mo + fit		387	12384	40390	.010	.004	.001					.02				
						402	406	50x2 70? 30	hls hls hls	Fract. top of fit zone fit + cal	Fault Zone 397-400/2	398														
						Pink Aplite Dike (See 470)	402 1/2	25x2 25x2 30 40x2	1 1/2" x 2 1/2" g 1 1/2" g 2 1/2" x 1/2" g	Fract. Fract. Fit + post bottom of fault zone Fit qtz-cal-hem-mo + fract	Fault Zone 402-407	402 1/2	9982	40400	.010	.004	.002					.02				
							410	5 0 5 65x2 55	2 1/2" g 7 1/2" g 1 1/2" x 1/2" g hls 10 1/2" g	Fit Fit Fit Fract. white fit g. (small)		409	11434	40410	.010	.004	.002									

Rock Types and Alteration							Graphic Log	Mineralization and Structures				Recovery		Assay Results					Estimate							
Qtz.	Plagi.	K Spar	Matrix	Accessories	Texture	Hardness		Rock Name Appearance	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo			
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
															%	%	Core	Sludge	Combined		Combined		Combined		Py	Ox
								90x2 80x1.5 30x1.5 30x1.5 30x1.5 30x1.5	11-12 15-17 12-15 2-3 6-8 6-8	qtz-cpy-mo-hm + fit. fit + qtz-mo-hm fit fit - bottom of FH zone? fit fit	← 492-500 fit zone 490 1/2 - 495 ≈ 2-3' core missing 497-500 core badly broken 497-500	491 495		10952	60490	.03	.004	.002				.10	.02			
								500 25x1.5x2 60 40	188 1/2x1.5 1/2x1.5 1/2x1.5	fit. fit x3 all low fit x3 all (ham) fit x3	fit zone 500-504 Note there is generally low intensity alteration at 500-504	500 501/2 504 508		11076	170500	.01	.002	.002								
							Mod Arg Alt'd Belt	508 510 50 40	1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5	fit x3 fit + frac x2 qtz-mo-cpy x3 qtz-mo-cpy + fit fit frac x2 qtz-ham-mo x2	to a max. of 5-10% Some minor diss moly 510-514	508 1/2 513 1/2 518		12438	170510	.01	.004	.002				.20	.13			
								520 522 40x2 70x3 20x30x50 30x40 35x60 80x2 70 40x50 50	1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5	fit x2 frac x3 + cal x2 fit x3 fit x2 fit + qtz-mo-hm-cpy frac x2 frac frac fit fit zone	Vary good recovery in fit zone 524' - 550'	522 523 1/2 529		12726	170520	.01	.004	.002				.05	.02			
							Mod Arg Alt'd Belt	530 532 534 536 538 540 542 544 546 548 550	1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5	fit x2 frac x3 + cal x2 fit x3 fit x2 fit + qtz-mo-hm-cpy frac x2 frac frac fit fit zone	Vary good recovery in fit zone 524' - 550'	534 537 539 544 548 550		13542	60530	.01	.004	.001				.05	.05			
								540 542 544 546 548 550	1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5	fit x2 frac x3 + cal x2 fit x3 fit x2 fit + qtz-mo-hm-cpy frac x2 frac frac fit fit zone	fit zone 529' - 550 1/2 abundant calcite 537' - 540' zone	539 544 548 550		12914	170540	.01	.002	.001				.20				
								544 546 548 550	1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5	fit x2 frac x3 + cal x2 fit x3 fit x2 fit + qtz-mo-hm-cpy frac x2 frac frac fit fit zone	fit zone 529' - 550 1/2 abundant calcite 537' - 540' zone	544 548 550		13264	170550	.02	.004	.002				.02				
								550 552 554 556 558 560	1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5 1/2x1.5	fit x2 frac x3 + cal x2 fit x3 fit x2 fit + qtz-mo-hm-cpy frac x2 frac frac fit fit zone	fit zone 529' - 550 1/2 abundant calcite 537' - 540' zone	550 555 560														

Intense Argillic Alteration & Silicification
(probably intensely altered belt 520-540)
(p. 55 - 56 D.P. 242)

Qtz. 50%
Plagi. 40%
K Spar 10%
Matrix 5%
Accessories 5%
Texture 5%
Hardness 5%
Rock Name Appearance 5%

Qtz.	Plag.	K Spar	Mafics	Accessories	Texture	Hardness	Rock Types and Alteration		Graphic Log	Mineralization and Structures			Remarks	Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimate				
							Rock Name Appearance	Rock Type Alteration		L to Core Axis	Width of Vein	Mineralization and Faulting (Type)				Weight (Grams)	Sample Number	% Total Cu		% Soluble Cu		% Mo		Cpy				
								Footage Structure								Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2			
																%	%	Core	Sludge	Core	Sludge	Core	Sludge	Py	Ox			
									2-8 1/2 5-1 1/2 15-3 1/2 25-1 1/2 35-1 1/2 45-1 1/2 55-1 1/2	1/16 1/16 1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		235															
					fracture	4			25 35-2 1/2 40 45 50 55	1/16 1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand	quite int. siliceous, thin veins, sand matrix	246	6533	18125	.005	.002		Tr									
									5 20 25-2 30-2 35 40	1/16 1/16 1/16 1/16 1/16 1/16	non-cal. cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		251															
									260 30 35 40 45	1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		251	5696	18125	.015	.004		Tr									
									260 20 40 50 60 70 80 85	1/16 1/16 1/16 1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		262															
									270 20 40 50 60 70 80 85	1/16 1/16 1/16 1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		267															
									270 15 25 35 40 50 55	1/16 1/16 1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		272															
									280 15 20 25 30 35	1/16 1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		277															
									290 20 5 20 10 5 20	1/16 1/16 1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		282															
									290 20 5 20 5 20	1/16 1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		285															
									290 5-1 1/2 10 20 30	1/16 1/16 1/16 1/16 1/16	cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand cal. cal. sand		290															
									300 70	1/16 1/16	cal. cal. sand cal. cal. sand	2' grad	295 1/2															

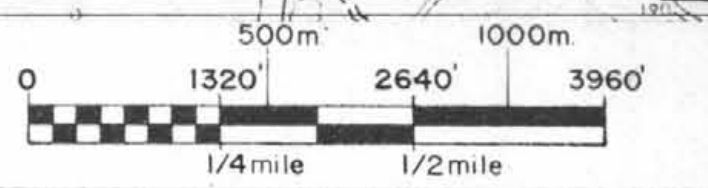
Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimate				
Qtz.	Plag.	K Spar	Mafics	Accessories	Texture	Hardness		Rock Name Appearance	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)			Remarks	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy	
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
												%	%	Core	Sludge	Combined		Combined		Combined		Py	Ox			
	Salmon pink flag					4		35 20 20 20 x 2 10	1/8 1/8 1/16 1/16 1/16	cal. clay-cal. (hem) cal. cal. cal. sz		372														
							380	20 45 25 25-45 50 x 20 x 2	1/16 1/16 1/8 1/4 + 1/8 1/4 + 1/8 x 2	cal. cal. cal (green stage of calc ground 10000) cal + clay (hem.) cal + silice		383														
						5 1/2	White Porphyritic All'd Q.D.	390	35	1/16	cal.		388													
								40	1/8	silicious (cal).		394														
								30 25 20 x 2 0 15	1/16 1/16 1/16 x 2 1/16 1/16	cal. cal (red system?) f. sz. cal (gyp.) cal (gyp.)	10" grad.	396														
							400	0	1/16	cal (gyp.)		401														
								20 35 25 35	1/4 1/16 1/16 1/16	cal. cal. f. sz (cal) f. sz (cal)		404														
								0 60 x 50	1/16 1/16 + 1/4	cal. cal + gys.		408														
							410	30	1/16	cal (siliceous calc) (hem) (fine grain)																
								50 30 20 x 2	1/16 1/16 1/16 x 2	cal. cal (gyp.) f. sz		413														
								60 x 70 71	1/16 x 2 1/16	f. sz. f. sz (cal)	fine grain protuberant quartz	418														
							420	60	1/8 x 2	clay (hem)																
								20 60 60	1/2 1/16 1/16	cal. (strat) f. sz. f. sz.		422														
								70 x 3 10	1/16 x 3 1/16	f. sz. (cal) cal (gyp)		427														
							430	20	1/16 x 2	cal sz.																
								20 0 20 20	1/16 1/16 1/16 1/16	cal. cal. cal. cal (gyp)		432														
								25 x 30	1/16 x 2	cal (gyp) + cal.		437														
							440	10	1/16	cal (gyp)																



6293 m-1

m. d. d. h.

● D.D.H. LOCATION
 ┌ CLAIM BOUNDARY



LORNE MINING CORPORATION LTD.

DRILL HOLE LOCATIONS
 FIG. B

No.	Date	By	Revision	Date	Drawn by	Approved	Drawing No.
	May 12/77				<i>[Signature]</i>		