

81-#914 - 9699

ASSESSMENT REPORT FOR THE VIMY PROPERTY
MINERAL CLAIMS IN THE NICOLA MINING DIVISION

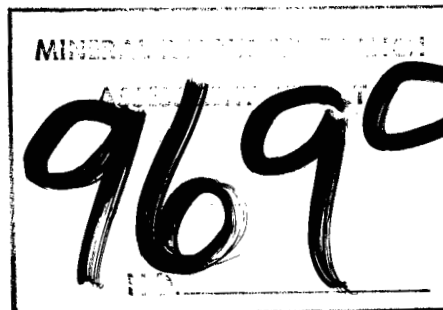
PERCUSSION AND DIAMOND DRILLING REPORTS

LOCATION: 1:50,000 NTS 92I/7W
L.C.P. VIMY 100: 50° 19' N, 120° 50' E
COORDINATES: 5576.000mN, 653600mE

OWNER/
OPERATOR LAWRENCE MINING CORPORATION
506-625 HOWE STREET
VANCOUVER, B.C.
V6C 2T6

CONSULTANT/AUTHOR: R.A. WELLS

DATE SUBMITTED: OCTOBER 31, 1981.



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INTRODUCTION

A. ACCESS AND PHYSIOGRAPHY

The claim group comprising the Vimy Property is located in the southeastern sections of the Guichon Creek batholith in south central British Columbia. The property is largely overburdened terrain with variable thickness of glacial drift. The area tends to be gently undulating and moderately vegetated with predominantly pine conifers. Local relief varies from 900 to 1500 meters above sea level. Access is via the Aberdeen Mine Road (unpaved), at approximately 24 kilometers north of Merritt, B.C.

B. HISTORY

The Vimy prospect was located around the turn of the century. Approximately 200 feet of underground workings were completed and some high-grade copper ore was shipped prior to 1927. During 1956-57, Kenco Explorations Ltd. conducted surveys, trenching and 11,983 feet of drilling in 30 holes over a 159 claim group including the Vimy.

From 1965 to 1980 a large amount of exploration was completed on claim groups which included various portions of the present Vimy Property. This exploration is summarized as follows:

(1) Linecutting and Magnetic Surveys:

Chattaway and Bralorne-Pioneer Mines

(2) Trenching:

Chattaway, Bralorne, King Resources, Ascarco
and Lawrence Mining (1980)

(3) Geochemical Surveys:

Bralorne-Pioneer Mines, King Resources

(4) Induced Polarization:

Bralorne (Seigal)
King Resources
Aselo Industries (1972)
Lawrence Mining (1979)

(5) Diamond Drilling:

Chattaway: Approximately 50 holes (12,000 feet)
between 1960-67
Bralorne: 7 Holes attempted, 4 holes (1,118 feet)
reached bedrock.

(6) Percussion Drilling:

Bralorne: 1965-67, 20 holes (4448 feet)
Asarco: 1970- 148 holes (16,950 feet), majority
of the holes on a 2000 foot grid.

(7) Geology:

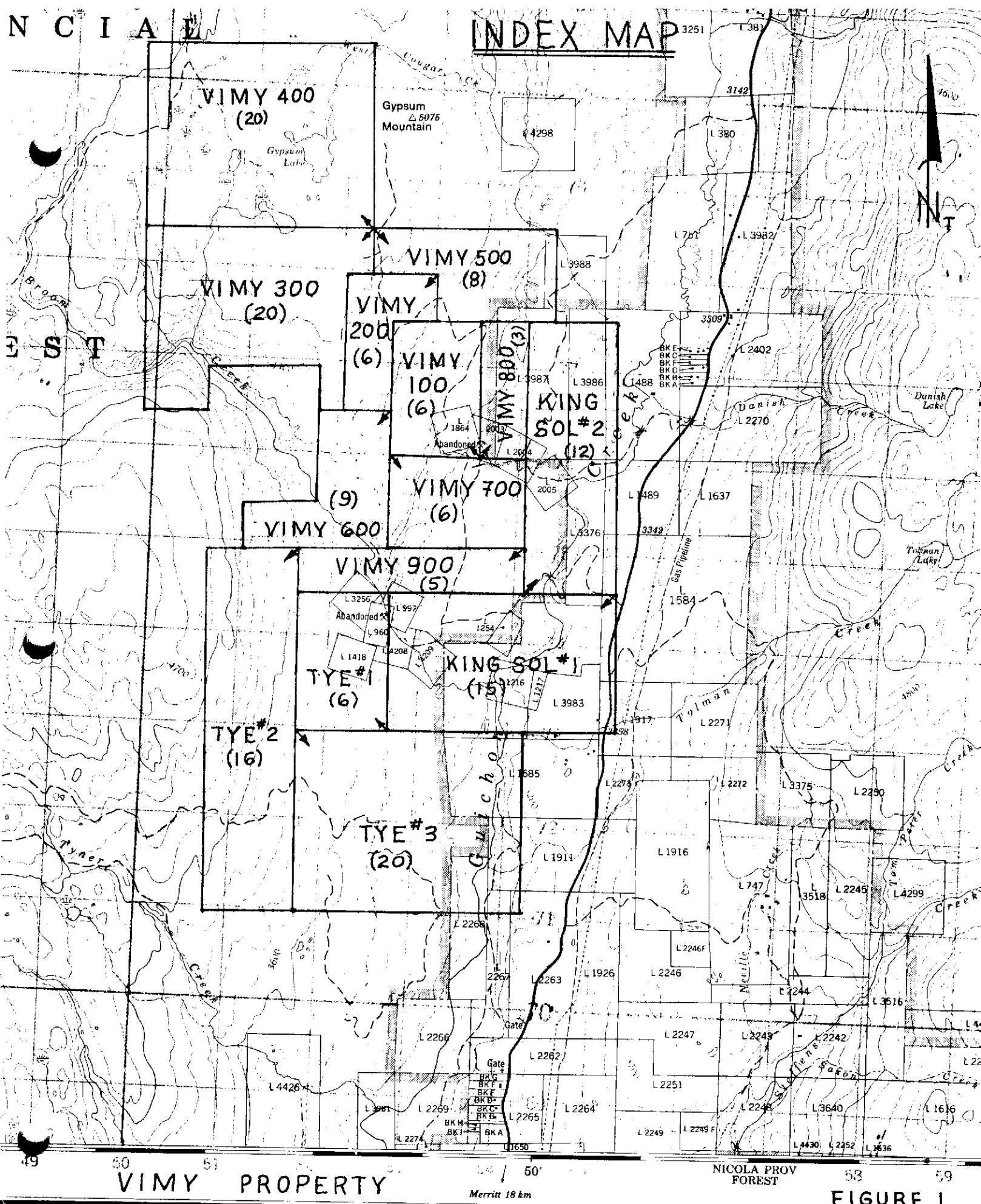
Chattaway and King Resources, 1"=1000' mapping
(more detailed on showings)

C. SUMMARY

In 1980, the present owner/operator; Lawrence Mining Corporation acquired the Vimy Property. The property is comprised of 14 claims totalling 152 units (see Index Map and Apportionments for definition).

(3)

Previous drilling indicated 903,000 tons of 0.35% copper reserves. During the 1981 season from May to October - 20 (BQ) diamond drill holes totalling 11,156.5 feet (3400.5m) and 30 percussion holes aggregating 7,550 feet (2301.2m) were drilled. Percussion targets were based on results from Magnetometer and Induced Potential results. Diamond drilling was initiated in an area of known copper mineralization with the intention of assessing the potential of an ore body in the vicinity.



INDEX MAP

VIMY PROPERTY

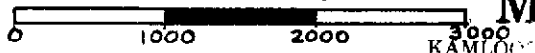
NICOLA PROV FOREST

FIGURE 1

92-1/7

SCALE 1:50,000

Roads: hard surface, all weather
 Routes: pavée, toute saison
 dual highway / 2 chaussées séparées
 more than 2 lanes / plus de 2 voies



Merritt 18 km

(4)

PERCUSSION DRILLING 1981 - VIMY PROPERTY

P.D.H.	FOOTAGE	METERAGE	OVERBURDEN	AZIMUTH	INCLINATION	COORDINATES	*ELEVATION	CLAIM
P81-3	200 ft.	60.9m	5.5m(18ft)	045°	-60°	3+05N,1+50W	1099m	VIMY 100
P81-4	140 ft.	42.7m	U/K	045°	-60°	3+66N,2+25W	1077m	VIMY 100
P81-5	400 ft.	121.9m	2.4m(8ft)	045°	-60°	3+95N,2+80W	1072m	VIMY 100
P81-6	210 ft.	64.0m	4.6m(15ft)	045°	-60°	4+80N,3+20W	1147m	VIMY 100
P81-7	80 ft.	24.4m	U/K	045°	-60°	4+00N,2+00W	1123m	VIMY 100
P81-8	330 ft.	100.6m	33.5m(110ft)	VERTICAL	-90°	5+49S,3+25W	1018m	VIMY 700
P81-9	380 ft.	115.8m	16.8m(55ft)	VERTICAL	-90°	4+88S,2+00E	1030m	VIMY 700
P81-10	330 ft.	100.6m	25.9m(85ft)	230°	-60°	4+00S,0+05W	1075m	VIMY 700
P81-11	380 ft.	115.8m	18.9m(62ft)	230°	-60°	4+70S,0+10W	1075m	VIMY 700
P81-12	220 ft.	61.1m	15.2m(50ft)	230°	-60°	3+60S,0+75W	1078m	VIMY 700
P81-13	120 ft.	36.6m	36.6m(120ft)	050°	-60°	4+40S,1+00E	1050m	VIMY 700
P81-14	110 ft.	33.5m	U/K	270°	-60°	7+32S,1+60W	1072m	VIMY 700
P81-15	170 ft.	51.8m	51.8m(170ft)	270°	-60°	10+10S,2+75W	1070m	VIMY 700
P81-16	360 ft.	109.7m	33.5m(110ft)	270°	-60°	14+25S,3+50W	1077m	VIMY 900
P81-17	370 ft.	112.8m	7.6m(25ft)	270°	-60°	2+50N,0+05W	1080m	VIMY 100
P81-18	200 ft.	60.9m	3.6m(12ft)	070°	-60°	10+17N,6+00W	1300m	VIMY 200
P81-19	160 ft.	48.8m	7.6m(25ft)	150°	-60°	10+75N,5+75W	1300m	VIMY 200
P81-20	200 ft.	60.9m	20.7m(68ft)	090°	-60°	10+17N,3+25E	1222m	VIMY 100
P81-21	310 ft.	94.5m	35.1m(115ft)	090°	-60°	7+72N,3+50W	1205m	VIMY 100
P81-22	300 ft.	91.44m	3.6m(12ft)	270°	-60°	16+20N,5+70E	1085m	VIMY 500
P81-23	400 ft.	121.9m	3.05m(10ft)	250°	-60°	6+70N,2+25E	1090m	VIMY 100
P81-24	300 ft.	91.44m	1.52m(6ft)	270°	-60°	14+85S,5+80W	1067m	VIMY 900
P81-25	250 ft.	76.2m	18.3m(60ft)	VERTICAL	-90°	4+05S,0+15W	1078m	VIMY 700
P81-26	310 ft.	94.4m	26.8m(92ft)	180°	-60°	6+15S,2+30E	1026m	VIMY 700
P81-27	250 ft.	76.2m	19.8m(65ft)	VERTICAL	-90°	4+63S,0+05W	1072m	VIMY 700
P81-28	170 ft.	51.8m	18.3m(60ft)	VERTICAL	-90°	3+83S,0+10W	1075m	VIMY 700
P81-29	300 ft.	91.44m		320°	-60°	4+25S,0+05W	1080m	VIMY 700
P81-30	300 ft.	91.44m		230°	-60°	5+13S,0+45E	1070m	VIMY 700
P81-31	300 ft.	91.44m		230°	-60°	3+91S,0+07E	1070m	VIMY 700

7,550 ft.

*Elevations tentatively determined from a topographic map.

(5)

DIAMOND DRILLING 1981 (Re: APPORTIONMENT #1)

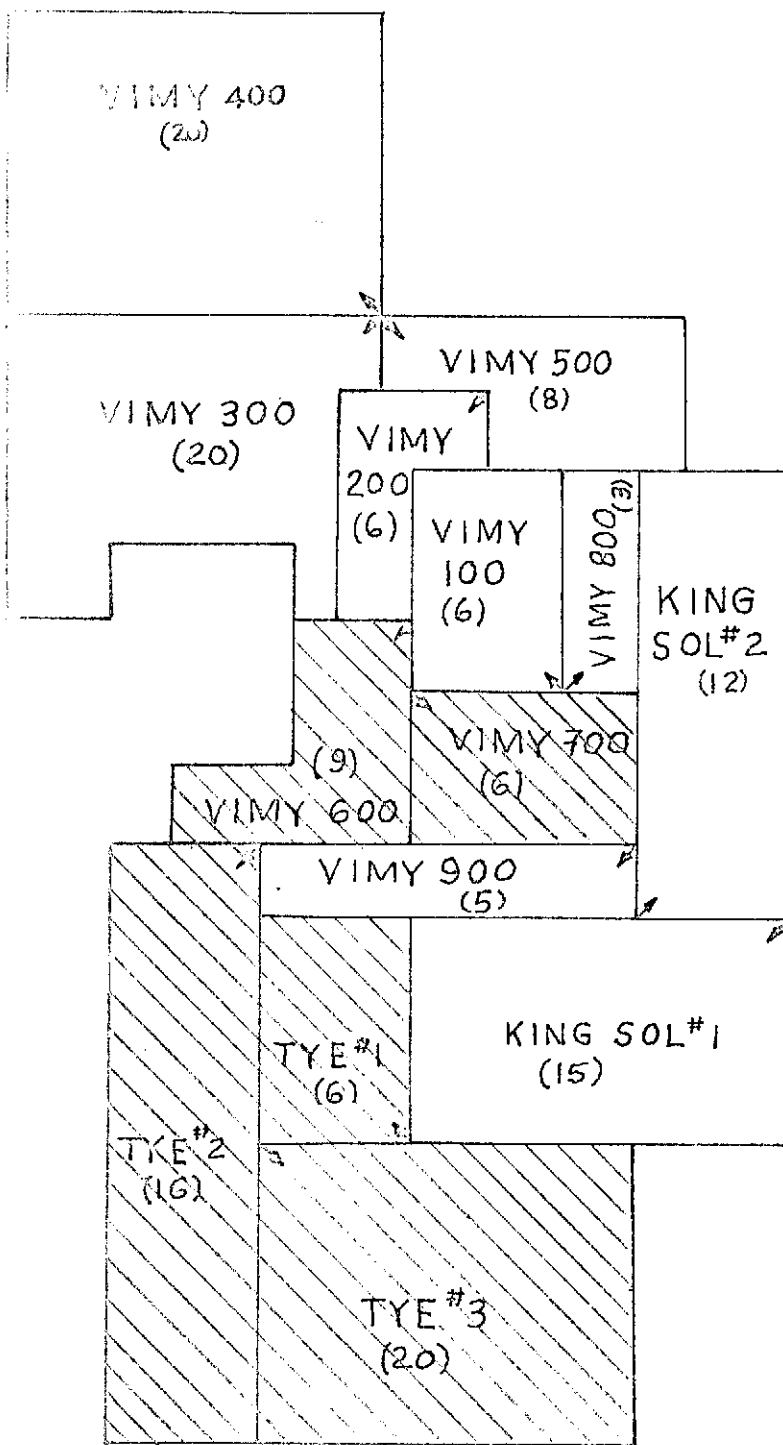
	<u>LENGTH</u>		<u>OVERBURDEN</u>		AZIMUTH	INCLINATION	COORDINATES	CLAIM	ELEVATION
	FEET	METERS	FEET	METERS					
DDH #1	512.0	156.1	39	11.7	270°	-60°	0+56S,0+75W	VIMY 100	
DDH #2	483.5	147.4	32	9.75	270°	-78°	0+56S,0+75W	VIMY 100	
DDH #3	326.0	99.4	50	15.24	270°	-60°	0+03S,0+75E	VIMY 100	
DDH #4	424.0	129.2	40	12.19	270°	-60°	0+60N,1+31E	VIMY 100	
DDH #5	579.0	176.8	30.5	9.24	270°	-60°	0+40N,0+02E	VIMY 100	
DDH #6	540.0	164.6	52.5	16.0	270°	-60°	1+08S,1+10E	VIMY 100	
DDH #7	540.0	164.6	124	37.8	270°	-60°	1+62S,1+10E	VIMY 100	
DDH #8	460.0	140.2	80	24.3	270°	-45°	1+04N,0+50E	VIMY 100	
DDH #9	463.0	141.1	40	12.3	270°	-45°	3+66N,0+35W	VIMY 100	
DDH #10	510.0	154.1	20	6.0	090°	-45°	3+66N,0+35W	VIMY 100	
DDH #11	974.0	296.9	47	14.3	360°	-45°	1+22S,0+50E	VIMY 100	
DDH #12	671.0	204.5	52.5	16.0	360°	-45°	1+22S,0+00	VIMY 100	
DDH #13	755.0	230.1	70	21.3	360°	-45°	1+22S,1+00E	VIMY 100	
DDH #14	300.0	91.4	67.5	20.6	045°	-45°	1+22S,1+00E	VIMY 100	
DDH #15	525.0	160.0	94	28.6	245°	-45°	0+31S,1+35E	VIMY 100	
DDH #16	541.0	164.9	82	25.0	245°	-60°	0+31S,1+35E	VIMY 100	
DDH #17	743.0	226.5	94	28.7	245°	-85°	0+31S,1+35E	VIMY 100	
DDH #18	535.0	163.1	88.5	27.0	245°	-45°	0+48S,1+53E	VIMY 100	
DDH #19	682.0	207.8	120	36.6	245°	-60°	0+48S,1+53E	VIMY 100	
DDH #20	593.0	180.7	115	35.0	245°	-45°	0+67S,1+67E	VIMY 100	

=11,156.5 ft.

Chain & Compass
Located

Presently
being surveyed.

CLAIM APPORTIONMENT



SCALE 1:50,000



APPORTIONMENT #1



GROUP

VIMY#1

APPORTIONMENT #2



VIMY#2

FIGURE 2

(6)

APPORTIONMENT #1 OF 2 GROUP: VIMY #1

CLAIMS	STAKER	NO. OF UNITS	RECORD NO.	EXPIRY DATE	YEAR STAKED	NO. YEARS TO UPDATE TO 1991	AMOUNT OF ASSESSMENT DUE PER UNIT	TOTAL ASSESSMENT DUE PER CLAIM	
VIMY 100	F. KLAGES	6	503 (9)	7.09.82	PRE 1979	9	\$1,800	\$10,800.00	
VIMY 200	F. KLAGES	6	538 (3)	8.03.83	PRE 1979	8	\$1,600	\$9,600.00	
VIMY 300	M. MATHIEU	20	750 (11)	1.11.81	1979	10	\$1,800	\$36,000.00	
VIMY 400	M. MATHIEU	20	751 (11)	1.11.81	1979	10	\$1,800	\$36,000.00	
VIMY 500	M. MATHIEU	8	752 (11)	1.11.81	1979	10	\$1,800	\$14,400.00	
VIMY 800	M. MATHIEU	3	755 (11)	1.11.81	1979	10	\$1,800	\$5,400.00	
VIMY 900	M. MATHIEU	5	805 (2)	14.02.82	1980	9	\$1,600	\$8,000.00	
KING SOL#1	R. HERCUX	15	1045 (4)	24.03.82	1981	9	\$1,500	\$22,500.00	
KING SOL#2	R. HEROUX	12	1046 (4)	24.03.82	1981	9	\$1,500	\$18,000.00	
		<u>95</u>	<u>UNITS</u>						<u>\$160,700.00</u>

RE APPORTIONMENT #1 ⁽⁷⁾

#100

YUKON — N.W.T. — BRITISH COLUMBIA — ALBERTA — U.S.A.

Merritt - Funk Brothers Drilling Company Limited
Exploration and Development

G. Eugene Funk
Cary E. Funk
Telephone 378-4152 or 378-2333

Aberdeen Road, Lower Nicola, B.C.
P.O. Box 2077
Merritt, B.C. - V0K 2B0

July 17, 1981

LAWRENCE MINING CORP. LTD.
C/O P.O. Box 1101
Merritt, B.C.
VOK 2B0

Attention: Mr. Maurice Mathieu

Dear Sirs;

The following is our invoice for Percussion Drilling on your Chataway Property, July 8, to July 14, 1981:

<u>HOLE NO.</u>	<u>DEPTH OF OVERBURDEN</u>	<u>DEPTH OF HOLE</u>	<u>OTHER</u>
PH# 3	18 feet	200 feet	lost circulation
PH# 6	15 feet	210 feet	broken rock, lost rods
PH# 5	8 feet	400 feet	-
PH# 4	U/K	140 feet	lost circulation
PH# 7	U/K	80 feet	broken rock, caving
		Total Footage 1030 feet	

Drilling Charges- 1031 feet @ \$5.82 per foot \$5994.60
 Mobilization Charges- to and from the property \$ 420.00
 Total Charges \$6414.60
 TOTAL AMOUNT DUE \$6414.60

THANK YOU.

Yours truly

Cary E. Funk

Merritt-Funk Brothers
Drilling Company
Limited

Billed July 21st
Paid Aug. 10/81

(8)
RE APPORTIONMENT #1

Billed

YUKON — N.W.T. — BRITISH COLUMBIA — ALBERTA — U.S.A.

September 11, 1981

Merritt - Funk Brothers Drilling Company Limited

Exploration and Development

G. Eugene Funk
Cary E. Funk
Telephone 378-4152 or 378-2333

Aberdeen Road, Lower Nicola, B.C.
P.O. Box 2077
Merritt, B.C. - VOK 2B0

August 31, 1981

LAWRENCE MINING CORP. LTD.
c/o P.O. Box 1101
Merritt, B.C.
VOK 2B0

PAID SEP 23 1981

Attention: Mr. Maurice Mathieu

Dear Sirs;

Re: ACCOUNTS PAYABLE - Percussion Drill Project

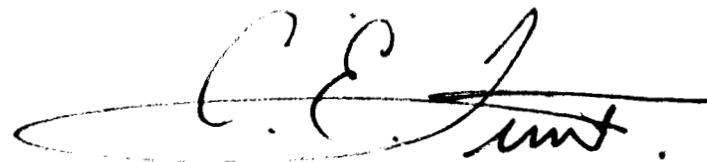
The following is our invoice for Percussion Drilling on your Vimy Property, August 11 - 27, 1981:

<u>HOLE NO.</u>	<u>DEPTH of OVERBURDEN</u>	<u>DEPTH of HOLE</u>	<u>OTHER</u>
PH#17	25 feet	370 feet	-
PH#18	12 feet	200 feet	-
PH#19	25 feet	160 feet	caving
PH#20	U/K 30' csg	200 feet	-
PH#21	115 feet	310 feet	sump dry, hole tight
PH#22	12 feet	300 feet	-
PH#23	10 feet	400 feet	-
PH#24	6 feet	300 feet	-
		Total Footage 2240 feet	

Drilling Charges- 2240 feet @ \$5.82 per foot \$13036.80
 Mobilization Charges- to and from the property \$ 420.00
 Water Supply Charges- (Aug. 21,22) 2 shifts @ \$180.00 per shift \$ 360.00
 Total Charges \$13816.80
 Advance 0
 TOTAL AMOUNT DUE \$13816.80

THANK YOU.

Yours truly



Cary E. Funk
Merritt-Funk Brothers
Drilling Company
Limited

PAID SEP 23 1981

SUMMARY OF APPORTIONMENT #1 OF 2

The Vimy Property diamond drilling was arranged through Scope Exploration Services Ltd. of Merritt, B.C. This included the leasing of a diamond drill, independent hiring of all drilling personal, arranging bulldozer site preparation, drilling supplies, and providing geological supervision. The estimated cost per foot for BQ drilling is \$20.00/ft. The "Guide to the Evaluation of work for assessment purposes" suggests a range of \$16.00-\$24.00 per foot for direct drilling costs for BQ size core.

A) Cost of Diamond Drilling:	11,156.5 ft. X \$20.00/ft.	
	= \$223,130.00	(from page <u>5</u>)
B) Cost of Percussion Drilling:	\$6,414.60	(from page <u>7</u>)
	+ <u>13,816.80</u>	(from page <u>8</u>)
	\$20,231.40	
C) Cost of Assaying:	\$13,106.00	(from page <u>1</u>) Appendix 4

Total amount available for Apportionment #1 assessment equals: \$256,467.40

Required amount to file for assessment for claims in Apportionment #1 to the year 1991 equals: \$160,700.00

Balance estimated available for Portable Assessment Fund:
\$92,767.40

APPORTIONMENT #2 OF 2 GROUP: VIMY #2

CLAIMS	STAKER	NO. OF UNITS	RECORD NO.	EXPIRY DATE	YEAR STAKED	UPDATED EXPIRY DATE	AMOUNT OF ASSESSMENT DUE PER UNIT	TOTAL ASSESSMENT DUE PER CLAIM
VIMY 600	F. KLAGES	9	753 (11)	1.11.81	1979	1987 (6 yrs)	\$1,000.00	\$9,000.00
VIMY 700	F. KLAGES	6	754 (11)	1.11.81	1979	1987 (6 yrs)	\$1,000.00	\$6,000.00
TYE #1	R. HERCUX	6	844 (4)	15.04.82	1980	1984 (2 yrs)	\$ 200.00	\$1,200.00
TYE #2	R. HERCUX	16	845 (4)	15.04.82	1980	1984 (2 yrs)	\$ 200.00	\$3,200.00
TYE #3	S. PARKS	20	846 (4)	15.04.82	1980	1984 (2 yrs)	\$ 200.00	\$4,000.00

= 57 Units

\$23,400.00
TOTAL ASSESSMENT
DUE FOR APPORTION-
MENT #2

H.D. DRILLING
P.O. Box 34183, Stn. "D", Vancouver, B.C. V6J 4N1

MAILING ADDRESS: P.O. Box 34183, STATION "D"

VANCOUVER, B.C. V6J 4N1

To: Scope Exploration Services Ltd.
Box 1101
Merritt, B.C.

DATE September 25th, 1981

RE APPORTIONMENT #2

DATE	ITEMS					TOTAL	PRICE
Re: Percussion Drilling - Viny Project, Merritt, B.C.							
Moving drill from Merritt to drill site and unload water truck from Kamloops -							\$ 250.00
<u>Date</u>	<u>Drilling</u>	<u>Hole</u>	<u>Moving</u>	<u>Water Truck</u>			
July 30th	60 ft. ✓	81-8	2 hrs.	3 hrs.			
Aug. 1st	200 ft. ✓	"	-	4 hrs.			
" 2nd	70 ft. ✓	"					
" 7th	380 ft. ✓	81-9	2 hrs.	2 hrs.			
" 8th	150 ft. ✓	81-10					
" 9th	200 ft. ✓	"					
" 16th	350 ft. ✓	81-11	2 hrs.	2 hrs.			
" 17th	30 ft.	"	1 1/2 hrs.	2 hrs.			
" 18th	220 ft.	81-12	1 1/2 hrs.	2 hrs.			
" 19th	120 ft.	81-13	2 hrs.	1 1/2 hrs.			
" 20th	110 ft.	81-14	2 hrs.	1 1/2 "			
" 21st	170 "	81-15	1 1/2 "	1 1/2 "			
" 22nd	360 "	81-16					
" 26th	250 "	81-25		1 1/2 "			
" 30th		81-26	2 hrs.				
Sept. 5th	250 "	81-27	2 hrs.				
" 6th	170 "	81-28		1 hr.			
TOTALS	3,090 ft. ✓		17 1/2 hrs.	22 hrs.			
	3,090 ft. @ \$6.90	-					18,540.00
	17 1/2 hrs. @ \$103.00	-					1,802.50
	22 hrs. @ \$27.50	-					605.00
	LESS Advances Received	-					21,197.50
	BALANCE DUE					\$6,197.50	15,000.00

RECEIVED SEP 29 1981

PAID OCT 6 1981

RECEIVED SEP 29 1981

BILLED OCT 1 1981

(12)

H.D. DRILLING

P.O. BOX 34183, Stn. "D", Vancouver, B.C.

October 30, 1981

RE APPORTIONMENT #2

LAWRENCE MINING CORP. LTD.
C/O BOX 1101
Merritt, B.C.
VOK 2B0

Attention: Mr. Maurice Mathieu

Dear Sirs;

The following is our invoice for Percussion Drilling on your Vimy Property.

<u>HOLE NO.</u>	<u>DEPTH OF OVERBURDEN</u>	<u>DEPTH OF HOLE</u>
PDH #26	92 Feet	310 Feet
PDH #29	67 Feet	300 Feet
PDH #30	102 Feet	300 Feet
PDH #31	50 Feet	<u>300 Feet</u>
	Total Footage	1,210 feet

Drilling Charges - 1,210 feet @ \$6.00 per foot.....	\$7,260.00
Water Truck Charges: 9 Hours @ \$27.50 per hr.....	247.50
Moving Charges: 2 Hours @ \$103.00 per hr.....	<u>206.00</u>
TOTAL CHARGES	<u><u>\$7,713.50</u></u>

Yours sincerely,

Henry Doucet
Henry Doucet,
H.D. Drilling.

SUMMARY OF APPORTIONMENT #2 OF 2

(A) SUM OF INVOICES FOR PERCUSSION DRILLING: \$ 7,713.50
FROM PAGE 11 & 12 +21,197.50
\$28,911.50

(B) COST OF ASSAYING FOR 200 COPPER ASSAYS \$1,200.00
@ \$6.00 per Assay
FROM PAGE 1 Appendix 4

TOTAL COST AVAILABLE FOR ASSESSMENT \$30,111.50

TOTAL ASSESSMENT DUE FOR APPORTIONMENT 2: \$23,400.00
FROM PAGE 10

TO UPDATE: VIMY 600 to 1987
VIMY 700 to 1987
TYE #1 to 1984
TYE #2 to 1984
TYE #3 to 1984

SUMMARY OF COPPER ASSAYS FOR PERCUSSION DRILLING 1981

NOTE: Values corresponding to - 0.01% Cu are considered background in the area drilled. Sample spacing was 3.05m (10 feet).

<u>P.D.H.</u>	<u>% Cu Values (for Anomalous Holes)</u>	
8	MOST VALUES	0.02-0.05
9	SEVERAL VALUES	0.02-0.05
	ONE VALUE	0.06
	ONE VALUE	0.09
10	SEVERAL VALUES	0.05-0.10
	ONE VALUE	0.18
	ONE VALUE	0.33
	ONE VALUE	0.76
12	SEVERAL VALUES	0.02
	CNE VALUE	0.03
13	MOST VALUES	0.02-0.04
	FEW VALUES	0.05-0.07
	ONE VALUE	0.10
18	SEVERAL VALUES	0.02
	FEW VALUES	0.03
	ONE VALUE	0.04
19	MOST VALUES	0.02
	2 VALUES	0.05
	2 VALUES	0.07
22	SEVERAL VALUES	0.02-0.03
	ONE VALUE	0.07
24	SEVERAL VALUES	0.02
	FEW VALUES	0.03
	ONE VALUE	0.06
*25	MOST VALUES	0.10-0.15
	3 VALUES	0.19-0.34
	1 VALUE	0.71
	1 VALUE	1.15
26	ALL VALUES	0.02-0.05
27	SEVERAL VALUES	0.02-0.05

- RESULTS FOR P.D.H. #29, #30, #31 PRESENTLY BEING ANALYSED.

DISCUSSION OF RESULTS

Geophysics conducted in the area where previous drilling had intersected copper mineralization corresponded to an Induced Potential Anomaly combined with a magnetic low.

During 1981 detailed magnetometer surveys and an induced Potential Survey to the north and south of the area of known mineralization defined several favorable targets in the Guichon granodiorites.

Percussion drilling was chosen to examine these overburden obscured targets as a prelude to potential diamond drill targets.

Examination of the fine cuttings of Guichon granodiorites on the holes with assay values greater than 0.02% copper contained visible grains of Native Copper.

Of the resulting anomalous holes; P.D.H.-10 and P.D.H. 81-25 are the only holes containing immediate significant importance. The most recent holes (ie. P81-29,30,31) have been drilled on the same I.P. Anomaly. (Assays results are forthcoming).

SUMMARY & INTERPRETATION OF 1981 DIAMOND DRILLING

Previous diamond drilling on the Vimy 100 mineral claim intersected an estimated 903,000 tons of 0.35% copper in a host of fine-grained granodiorite.

Between May and October 1981, 3400.5 meters (11,156.5 ft.) of diamond drilling, (20 holes), were drilled on the Vimy 100 (the core is stored on the Vimy Property). The object of the drilling program to date has been to: verify previous drilling results, to more accurately define the mineralization zone by significantly improving core recovery, and to explore the geometry and extent of this and potentially related zones.

Geophysics conducted over the area of interest defined a significant magnetic low corresponding to an Induced Potential Anomaly. Diamond drilling results imply both complex geometry and mineralization. The copper mineralization includes bornite, native copper, chalcocite, chalcopyrite, (with some covellite, cuprite, and other presently unidentified minerals). Specular hematite is evident in significant amounts as an associated mineral, particularly in areas of higher grade mineralization. Silver values frequently of the magnitude 0.2 ounces/ton are evident in conjunction with the significant copper assays. Molybdenite is evident in some holes but the relationship to the copper is not readily apparent.

The mineralization tends to be concentrated in fine-grained granodiorite ("Guichon" type host) and at present appears to be proximal to the coarse-medium grained NNW trending granodiorite ("Chattaway" variety). The presence of

complex structural factors; particularly fault zones, shears, in addition to brecciated zones, fracture direction and intensity influence concentrations of mineralization. Intense alteration zones in the vicinity of mineralization includes sericitization, red potassic feldspar (?), Kaolinization, and hematization.

Continued diamond drilling will explore this particular mineralized zone and other areas of mineralization determined by the continuing percussion drilling of geophysical targets.

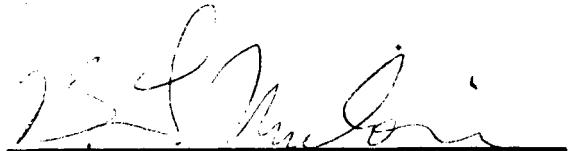
APPENDIX 1

CERTIFICATION

I, Bryan T. Muloin, hereby certify as follows:

1. I am a geologist with permanent residence at Lot 11 Airport Road, Fort St. James, British Columbia.
2. I am a graduate of Queen's University at Kingston, Ontario, where I earned a Bachelor of Science degree in the Faculty of Applied Science in 1971 and a Bachelor of Education in the Faculty of Education in 1972.
3. I have been involved in minerals exploration and development since my graduation.
4. My involvement with the Vimy Property has been continuous since May 5, 1981.

DATED at Merritt, B.C. this 30th day of October 1981.

A handwritten signature in cursive script, appearing to read "Bryan T. Muloin", is written over a horizontal line.

B.T. MULOIN, BSc., BEd.

APPENDIX 2

AUTHOR'S CERTIFICATE

I, Raymond A. Wells of Merritt, British Columbia do hereby certify that -

1. I am a Geologist employed by Scope Exploration Services Ltd., P.O. Box 1101, Merritt, B.C. and presently contracted as Exploration Geologist for Lawrence Mining Corporation.
2. I am a graduate of the University of British Columbia with a B.Sc. Degree in Geology (1976).
3. I have practised my profession since graduation. My exploration Field experience includes 10 seasons in British Columbia, Yukon, and Northwest Territories, Northern Saskatchewan, and the Arctic Islands. Positions included extensive reconnaissance prospecting, geological mapping and geochemical techniques in the search for base and precious metals. I have planned and implemented property development property development as project geologist involving drill supervision, core logging, geological report preparation, and various geophysical surveys.

Recent employers have included Cordilleran Engineering of Vancouver, Pan Ocean Oil Ltd. of Calgary, Trigg Woollett and associates of Edmonton, & Scope Exploration Services Ltd. of Merritt, B.C., & London Silver Corporation of Vancouver.

4. This assessment report is based on a study of the literature and field data accumulated during the 1981 field season.

Respectfully submitted,

R. A. Wells

Raymond A. Wells, B.Sc.
October 30, 1981

APPENDIX 3

REFERENCES

ANDERSON, J.M., GEOPHYSIST

June 18, 1981 - Geophysical Report on an Induced Polarization Survey, Vimy Claim, Merritt Area, Nicola M.D., B.C.
for Lawrence Mining Corporation by Geotronics Surveys Ltd. (Private Report).

SERAPHIM, R.H., Ph.D., P. Eng.

May 22, 1981 - Progress Report on Vimy Group of Mineral Claims, Nicola Mining Division
for Lawrence Mining Corporation. (Private report).

APPENDIX 4

ASSAY INVOICES FOR PERCUSSION/DIAMOND DRILLING
TO OCTOBER 1981

<u>INVOICE NUMBER</u>	<u>AMOUNT OF INVOICE</u>
(1) K - 3914	\$ 623.00
(2) 3921	579.00
(3) 3959	322.00
(4) 4005	530.00
(5) 81 - 1021	532.00
(6) 81 - 1040	48.00
(7) 81 - 1069	210.00
(8) 81 - 1092	266.00
(9) 81 - 1101	360.00
(10) 81 - 1117	238.00
(11) 81 - 1185	136.00
(12) 81 - 1201	426.00
(13) 81 - 1206	84.00
(14) 81 - 1216	1,114.00
(15) 81 - 1237	538.50
(16) 81 - 1257	594.50
(17) 81 - 1258	348.50
(18) 81 - 1284	143.00
(19) 81 - 1298	528.00
(20) 81 - 1337	879.50
(21) 81 - 1336	96.00
(22) 81 - 1338	492.00
(23) 81 - 1368	578.00
(24) 81 - 1405	144.00
(25) 81 - 1426	566.00
(26) 81 - 1424	1,063.00
(27) 81 - 1447	627.50
(28) 81 - 1459	56.00
(29) 81 - 1487	1,032.50
(30) 81 - 1512	266.50
(31) 81 - 1493	884.50
	<u>\$14,306.00</u>

Assays for Apportionment #2: 200 Cu assays @ \$6.00 per assay
\$1,200.00

Assays for Apportionment #1: \$14,306.00 - \$1,200.00
= \$13,106.00

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100

Lawrence Mining
Box 1101
Merritt, B.C.
V0K 2B0

INVOICE: 3921
DATE: May 5, 1981
FILE No. K-3943

ATTENTION: MAURICE MATHIEU

31 Gold & Silver Assays	@ \$ 11.00	\$ 341.00
31 Copper Assays	@ \$ 6.00	186.00
8 Molybdenum Assays	@ \$ 6.50	52.00
		<u>\$ 579.00</u>

Paid May 22

Billed

(3)

Chg May 29/81

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djh

Lawrence Mining Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

INVOICE: 3959
DATE: May 19, 1981
FILE No. K-3966

ATTENTION: MR. M. MATHIEU

23 Silver Assays	@ \$ 8.00	\$ 184.00
23 Copper Assays	@ \$ 6.00	138.00
		<u>322.00</u>
		<u><u>\$ 322.00</u></u>

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*Billed
June 15/81*

201

Lawrence Mining
Box 1101
Merritt, B.C.
V0K 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 4005
DATE: May 28, 1981
FILE No. K-4032

37 Silver Assays	@ \$ 8.00	\$ 296.00
39 Copper Assays	@ \$ 6.00	234.00
		<hr/>
		\$ 530.00
		<hr/> <hr/>

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Scope Explorations Ltd.
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Merritt, B.C.
VOK 2B0

*Billed
June 15/81*

ddl

INVOICE: 81-1021
DATE: June 8, 1981
FILE No. K-4078

ATTENTION: MR. MAURICE MATHIEU

38 Silver Assays	@ \$ 8.00	\$ 304.00
38 Copper Assays	@ \$ 6.00	228.00
		<u>532.00</u>

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P.L.
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*Billed
June 15/81*

Lawrence Mining Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1040
DATE: June 11, 1981
FILE No. K-4033

8 Copper Assays

@ \$ 6.00

\$ 48.00

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ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1069
DATE: June 17, 1981
FILE No. K-4142

15 Silver Assays	@ \$ 8.00	\$ 120.00
15 Copper Assays	@ \$ 6.00	90.00
		<hr/>
		\$ 210.00
		<hr/> <hr/>

(8)

Paid July 20/81

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Scope Explorations Ltd
Box 1101
Merritt, B.C.
VOK 2B0 ATTN: Mr. M. Mathieu

INVOICE: 81-1092
DATE: June 22nd, 1981
FILE No. K-4160

19 Silver Assays	@ \$ 8.00	\$ 152.00
19 Copper Assays	@ \$ 6.00	\$ 114.00
		<u>\$ 266.00</u>

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ATTENTION: MR. M. MATHIEU

(9) *Filed
July 8*

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PHONE: (604) 372-2784 — TELEX: 048-8320

Paid July 20/81

INVOICE: 81-1101

DATE: June 26, 1981

FILE No. K-4151

12 Gold & Silver Assays	@ \$ 11.00	\$ 132.00
12 Lead Assays	@ \$ 6.50	78.00
12 Zinc Assays	@ \$ 6.50	78.00
12 Copper Assays	@ \$ 6.00	72.00
		<hr/>
		\$ 360.00
		<hr/> <hr/>

ddl

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Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

INVOICE: 81-1117
DATE: June 30, 1981
FILE No. K-4192

ATTENTION: MR. MAURICE MATHIEU

17 Silver Assays	@ \$ 8.00	\$ 136.00
17 Copper Assays	@ \$ 6.00	102.00
		<u>\$ 238.00</u>

Billed July 15/81

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Pd July 20/81
18 Pd 2000

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Merritt, B.C.
V0K 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1185
DATE: July 15, 1981
FILE No. K-4242

2 Silver Assays	@ \$ 8.00	\$ 16.00
20 Copper Assays	@ \$ 6.00	120.00
		<u>\$ 136.00</u>

Paid July 21/81

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Paid July 20/81 #100

PdL

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Box 1101
Merritt, B.C.
VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1201

DATE: July 17, 1981

FILE No. K-4255

71 Copper Assays

@ \$ 6.00

\$ 426.00

Billed July 20/81

7 pdL
3 pdL

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VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1206
DATE: July 20, 1981
FILE No. K-4260

3 Silver Assays	@ \$ 8.00	\$ 24.00
10 Copper Assays	@ \$ 6.00	60.00
		<hr/>
		\$ 84.00 ✓
		<hr/> <hr/>

H 100

Revised July 20 1981

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ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1216
DATE: July 23, 1981
FILE No. K-4276

19 Gold & Silver Assays	@ \$ 11.00	\$ 209.00
50 Silver Assays	@ \$ 8.00	400.00
69 Copper Assays	@ \$ 6.00	414.00
14 Molybdenum Assays	@ \$ 6.50	91.00

\$ 1,114.00 ✓

Balance July 21/81

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Scope Explorations Ltd.
Box 1101
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VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1237
DATE: July 27, 1981
FILE No. K-4288

29 Gold & Silver Assays	@ \$ 11.00	\$ 319.00
29 Copper Assays	@ \$ 6.00	174.00
7 Molybdenum Assays	@ \$ 6.50	45.50
		<hr/>
		\$ 538.50
		<hr/> <hr/>

Billed July 31/81

**A BOOKKEEPING CHARGE OF 2% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS.
THIS IS AN ACCOUNT FOR PROFESSIONAL SERVICES AND IS DUE ON PRESENTATION**

(16)

Billed August 18/81

d.j.h.

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Box 1101
Merritt, B.C.
VOK 2B0

INVOICE: 81-1257
DATE: July 31, 1981
FILE No. K-4304

ATTENTION: MR. MAURICE MATHIEU

29 Silver Assays	@ \$ 8.00	\$ 232.00
29 Copper Assays	@ \$ 6.00	174.00
29 Molybdenum Assays	@ \$ 6.50	188.50
		<hr/>
		\$ 594.50
		<hr/> <hr/>

(17)

Billed Aug
18/81
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ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1258
DATE: July 31, 1981
FILE No. K-4309

17 Silver Assays	@ \$ 8.00	\$ 136.00
17 Copper Assays	@ \$ 6.00	102.00
17 Molybdenum Assays	@ \$ 6.50	110.50
		<hr/>
		\$ 348.50
		<hr/> <hr/>

#100 Vimy

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Scope Explorations Ltd.
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Merritt, B.C.
VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1284

DATE: August 6, 1981

FILE No. K-4288

22 Molybdenum Assays

@ \$ 6.50

\$ 143.00

#100

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d.d.h.

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Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0
ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1298
DATE: August 13, 1981
FILE No. K-4337

36 Silver Assays	@ \$ 8.00	\$ 288.00
40 Copper Assays	@ \$ 6.00	240.00
		<u>\$ 528.00</u>

100

(20)

ddk
pdh

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2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

INVOICE: 81-1337
DATE: August 28, 1981
FILE No. K-4363

ATTENTION: MR. MAURICE MATHIEU

Billed Sept 15/81

45 Gold & Silver Assays	@ \$ 11.00	\$ 495.00
63 Copper Assays	@ \$ 6.00	378.00
1 Molybdenum Assays	@ \$ 6.50	6.50
		<u>\$ 879.50</u>

#100

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2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

INVOICE: 81-1336
DATE: August 28, 1981
FILE No. K-4350-A

ATTENTION: MR. MAURICE MATHIEU

Billed Sept 15/81

16 Copper Assays

@ \$ 6.00

\$ 96.00

#100

(22)

pdl

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V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

INVOICE: 81-1338
DATE: August 31, 1981
FILE No. K-4378

ATTENTION: MR. MAURICE MATHIEU

Billed Sept 15/81

82 Copper Assays @ \$ 6.00 \$ 492.00

#100

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Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

INVOICE: 81-1368
DATE: September 9, 1981
FILE No. K-4388

ATTENTION: MR. MAURICE MATHIEU

Billed 100 Sept 15/81

25 Silver Assays	@ \$ 8.00	\$ 200.00
63 Copper Assays	@ \$ 6.00	378.00
		<u>\$ 578.00</u>

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2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1405
DATE: September 14, 1981
FILE No. K-4388

7# 100

BILLED OCT 16 1981

24 Copper Assays

@ \$ 6.00

\$ 144.00

(25)

p.d.h.
d.j.h.

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V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0
ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1426
DATE: September 16, 1981
FILE No. K-4455

#100

BILLED OCT 16 1981

19 Silver Assays	@ \$ 8.00	\$ 152.00
69 Copper Assays	@ \$ 6.00	414.00
		<hr/>
		\$ 566.00
		<hr/> <hr/>

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(25)
pdh
d.d.h.
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2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1424

DATE: September 16, 1981

FILE No. K-4406

100

BILLED OCT 16 1981

21 Silver Assays	@ \$ 8.00	\$ 168.00
149 Copper Assays	@ \$ 6.00	894.00
		<hr/>
		\$ 1,063.00
		<hr/> <hr/>

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Scope Explorations Ltd.
Box 1101
Merritt, B.C.
V0K 2B0

INVOICE: 81-1447
DATE: September 24, 1981
FILE No. K-4477

ATTENTION: MR. MAURICE MATHIEU

7100

RECEIVED SEP 28 1981

35 Gold & Silver Assays	@ \$ 11.00	\$ 385.00
35 Copper Assays	@ \$ 6.00	210.00
5 Molybdenum Assays	@ \$ 6.50	32.50
		<hr/>
		\$ 627.50
		<hr/> <hr/>

RECEIVED SEP 28 1981

BILLED OCT 1 1981

**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1459
DATE: September 24, 1981
FILE No. K-4431

#100

7 Gold Assays

@ \$ 8.00

\$ 56.00

RECEIVED SEP 28 1981

BILLED OCT 1 1981

**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
V0K 2B0

INVOICE: 81-1487
DATE: October 2, 1981
FILE No. K-4516

ATTENTION: MR. MAURICE MATHIEU

#100

BILLED OCT 16 1981

55 Gold & Silver Assays	@ \$ 11.00	\$ 605.00
55 Copper Assays	@ \$ 6.00	330.00
15 Molybdenum Assays	@ \$ 6.50	97.50
		<hr/>
		\$ 1,032.50
		<hr/> <hr/>

**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

(20)
d.d.h.
B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1512
DATE: October 13, 1981
FILE No. K-4548

#100

13 Silver Assays	@ \$ 8.00	\$ 104.00
13 Copper Assays	@ \$ 6.00	78.00
13 Molybdenum Assays	@ \$ 6.50	84.50
		<hr/>
		\$ 266.50
		<hr/> <hr/>

RECEIVED OCT 15 1981

BILLED OCT 16 1981

**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7
PHONE: (604) 372-2784 — TELEX: 048-8320

Scope Explorations Ltd.
Box 1101
Merritt, B.C.
V0K 2B0

ATTENTION: MR. MAURICE MATHIEU

INVOICE: 81-1493
DATE: October 7, 1981
FILE No. K-4539

#100

59 Silver Assays	@ \$ 8.00	\$ 472.00
59 Copper Assays	@ \$ 6.00	354.00
9 Molybdenum Assays	@ \$ 6.50	58.50
		<u>\$ 884.50</u>

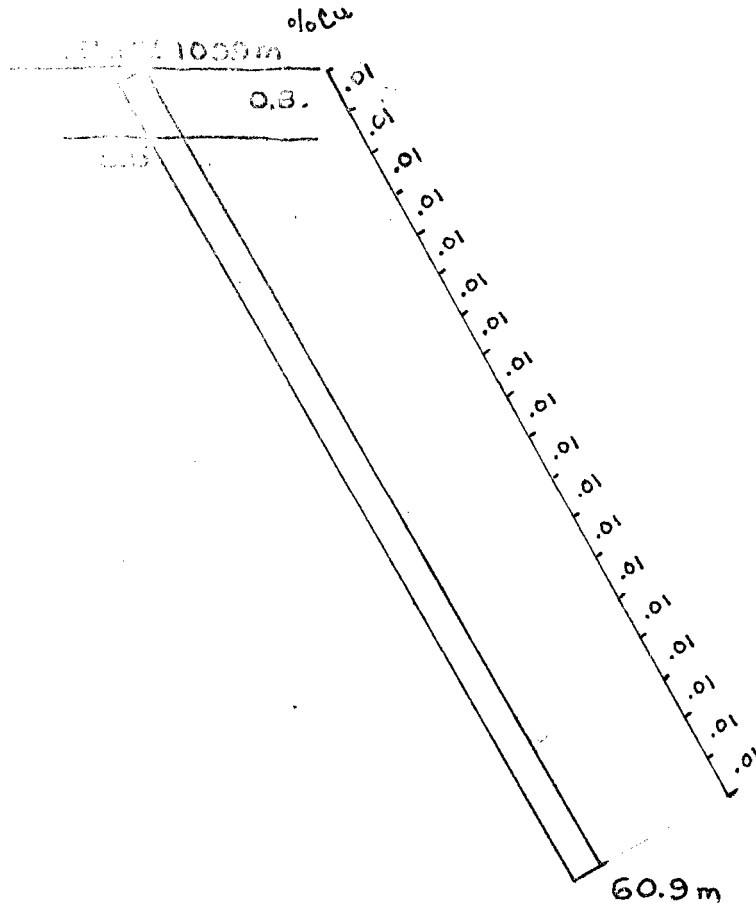
~~PAID~~ OCT 13 1981

RECEIVED OCT 13 1981


BILLED OCT 16 1981

APPENDIX 5

PERCUSSION DRILL HOLE P81-3
SECTION LOOKING 315° (NW)

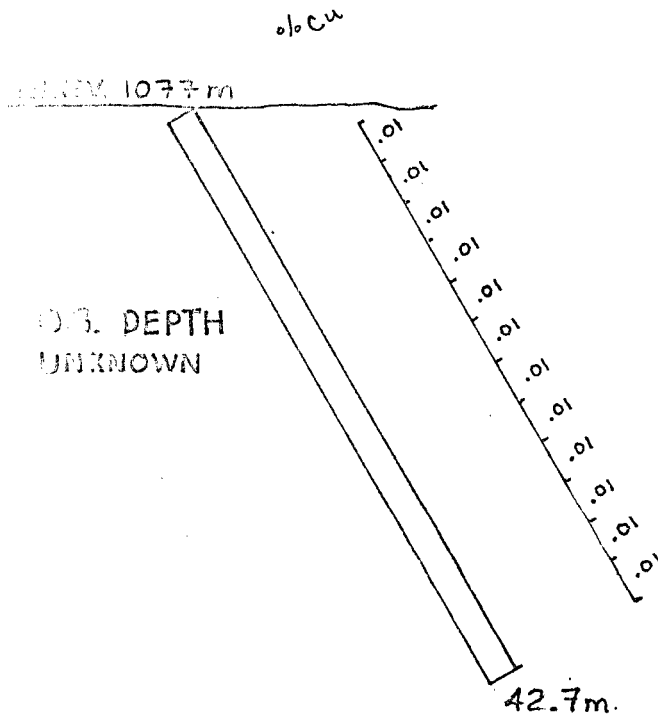


COORDINATES: 3+05N, 1+50W
 AZIMUTH : 045°
 INCLINATION : -60°
 Claim : VIMY 100
 Host : "Gd"
 ASSAY INTERVAL: 3.05 m (10 Ft.)


LAWRENCE MINING CORPORATION
 VIMY PROPERTY
 PERCUSSION DRILLING P81-3
 SCALE 1:500 
 DATE : OCTOBER '81

R. W. Kelly

PERCUSSION DRILL HOLE P 81-4
SECTION LOOKING 315° (NW)

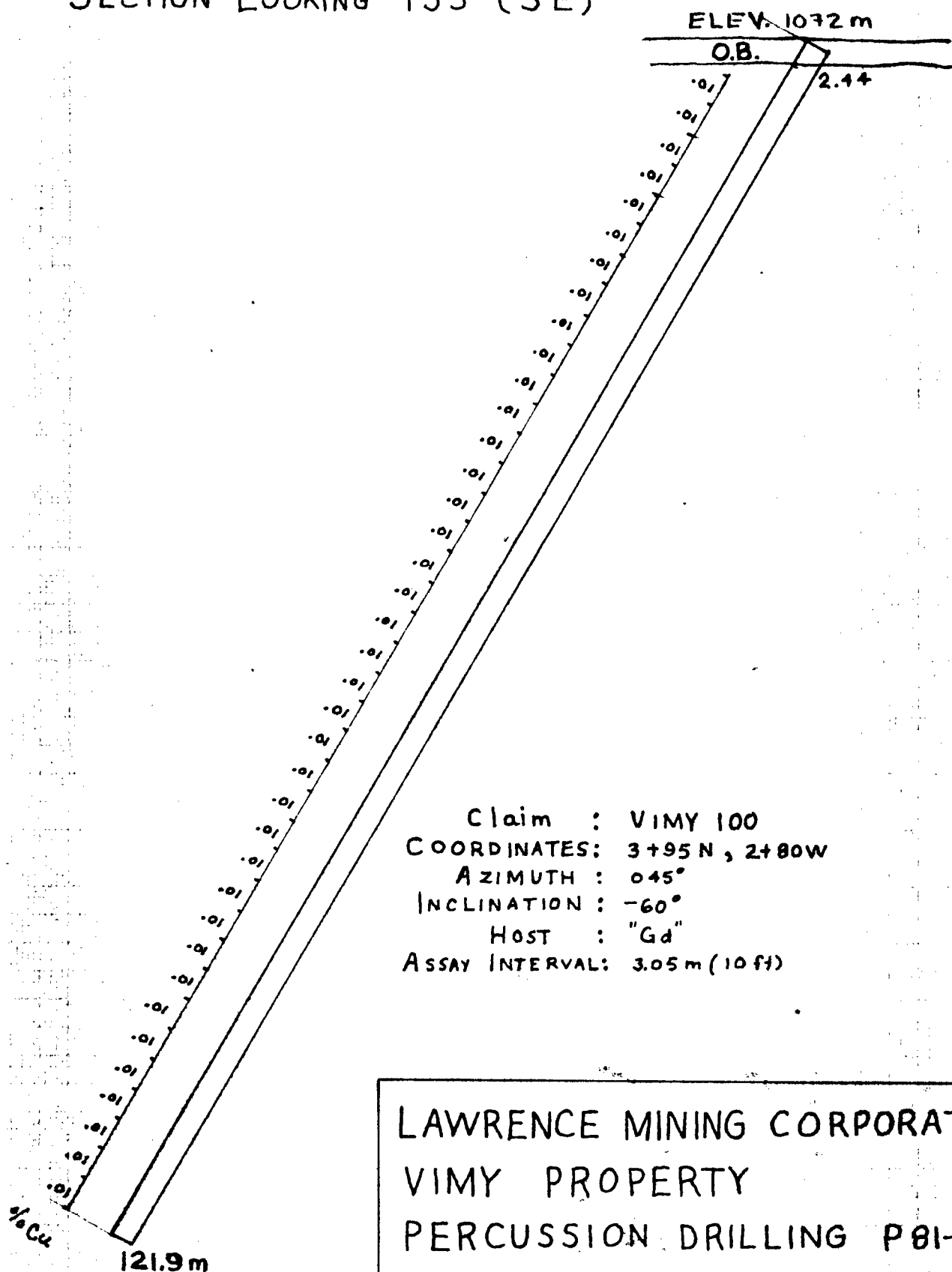


Claim : VIMY 100
COORDINATES: 3+66N, 2+25W
AZIMUTH : 045°
INCLINATION : 76°
Host : "Gd"
ASSAY INTERVAL : 3.05m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-4
SCALE 1:500 
DATE : OCTOBER '81

R. Wells.

PERCUSSION DRILL HOLE P81-5
SECTION LOOKING 135° (SE)



Claim : VIMY 100
COORDINATES: 3+95 N, 2+80 W
AZIMUTH : 045°
INCLINATION : -60°
HOST : "Gd"
ASSAY INTERVAL: 3.05 m (10 ft)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-5

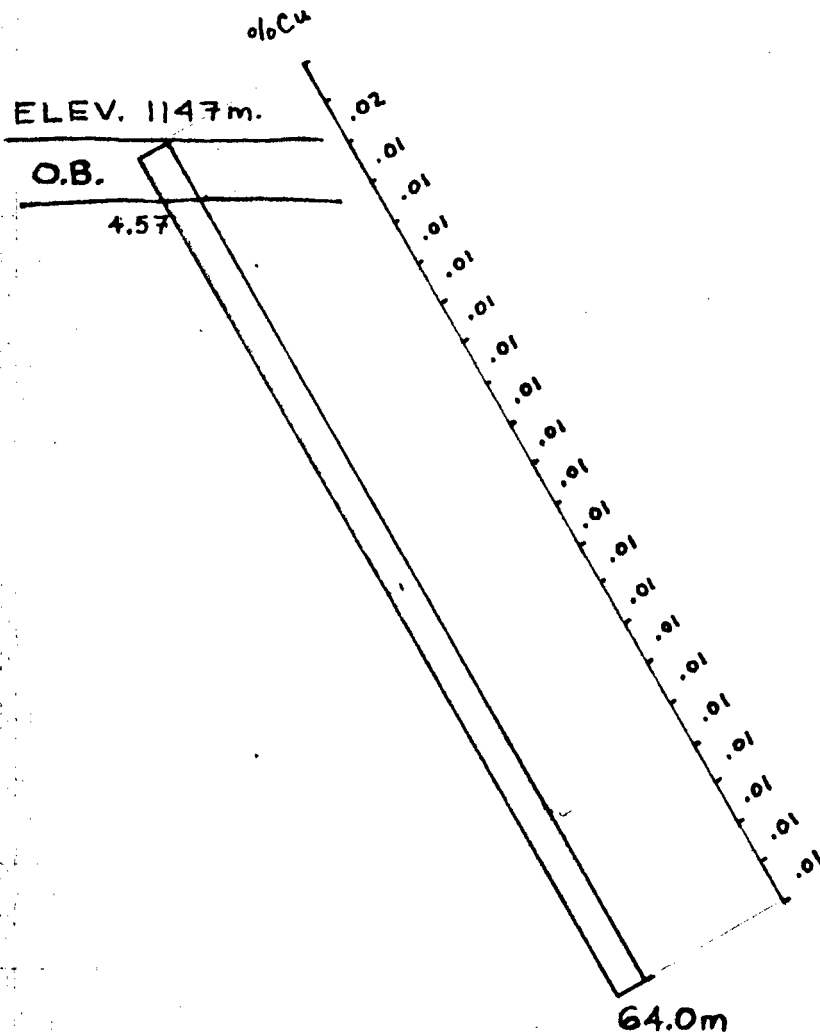
SCALE 1:500



DATE : OCTOBER '81

R. Welby

PERCUSSION DRILL HOLE P 81-6
SECTION LOOKING 315° (NW)



Claim : VIMY 100
COORDINATES: 4+80N, 3+20W
AZIMUTH : 045°
INCLINATION : -60°
Host : "Gd"
ASSAY INTERVAL: 3.05 m (10ft)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P 81-6

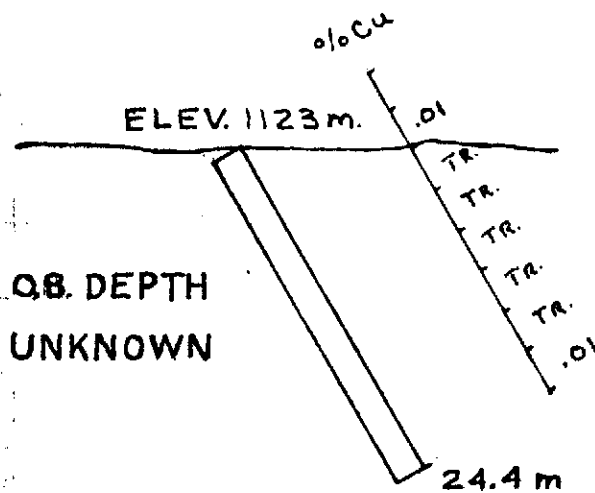
SCALE 1:500



DATE : OCTOBER '81

R. Wells

PERCUSSION DRILL HOLE P81-7
SECTION LOOKING 315° (NW)



Claim : VIMY 100
COORDINATES: 4+00N, 2+00W
AZIMUTH : 045°
INCLINATION : -60°
Host : "Gd"
ASSAY INTERVAL: 3.05m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-7

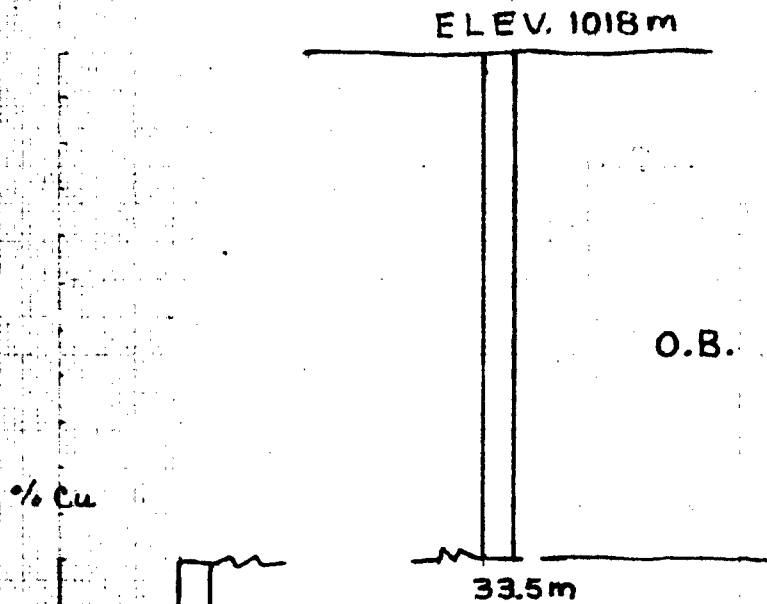
SCALE 1:500



DATE : OCTOBER '81

R. Wells

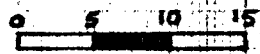
PERCUSSION DRILL HOLE P81-8
SECTION LOOKING 360°(N)



% Cu
0.01
0.05
0.03
0.03
0.04
0.03
0.03
0.02
0.02
0.04
0.03
0.04
0.05
0.03
0.03
0.02
0.03
0.02
0.02
0.03

Claim : VIMY 700
COORDINATES: 5+49S, 3+25E
ORIENTATION : VERTICAL
Host : "Gd"
ASSAY INTERVAL : 3.05 m (10 ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-8
SCALE 1:500
DATE : OCTOBER '81



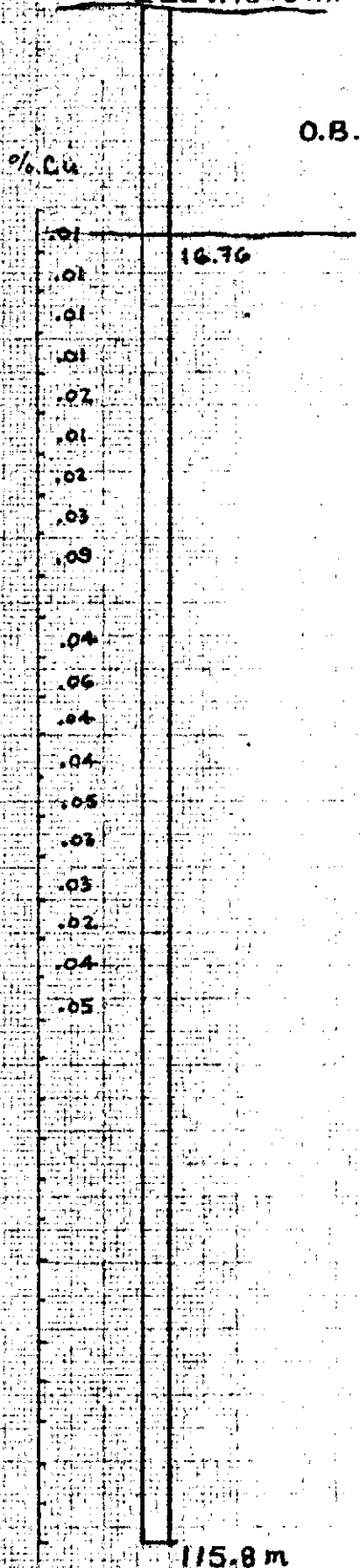
R. Well.

100.6m

PERCUSSION DRILL HOLE P81-9

SECTION LOOKING 360°(N)

ELEV. 1030 m.



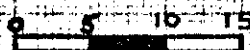
Claim : VIMY 700
COORDINATES : 4+885, 2100E
ORIENTATION : VERTICAL
Host : "Gd"
Assay Interval : 3.05m (10ft)

LAWRENCE MINING CORPORATION

VIMY PROPERTY

PERCUSSION DRILLING P81-9

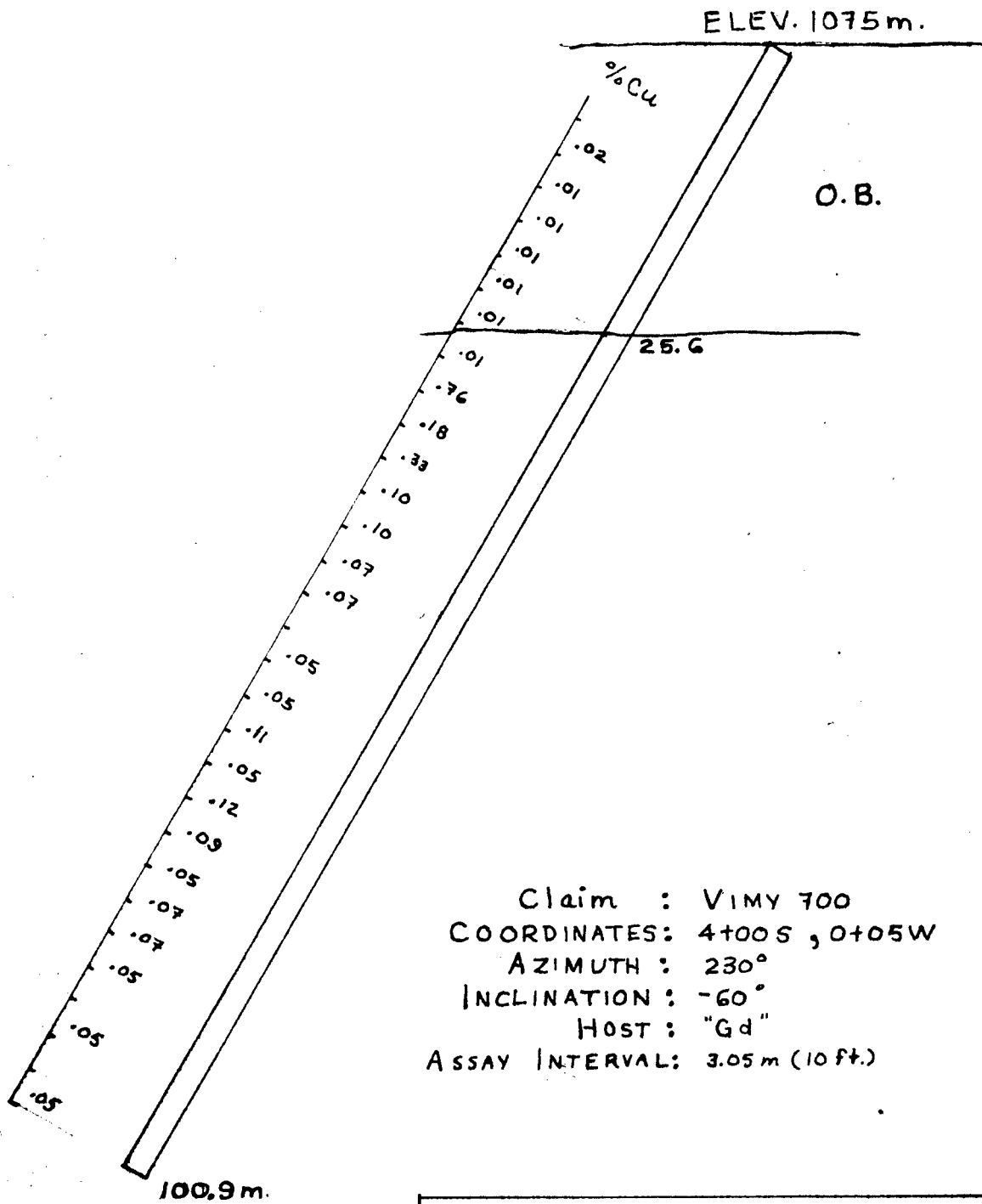
SCALE 1:500




DATE : OCTOBER '81

R. Wells.

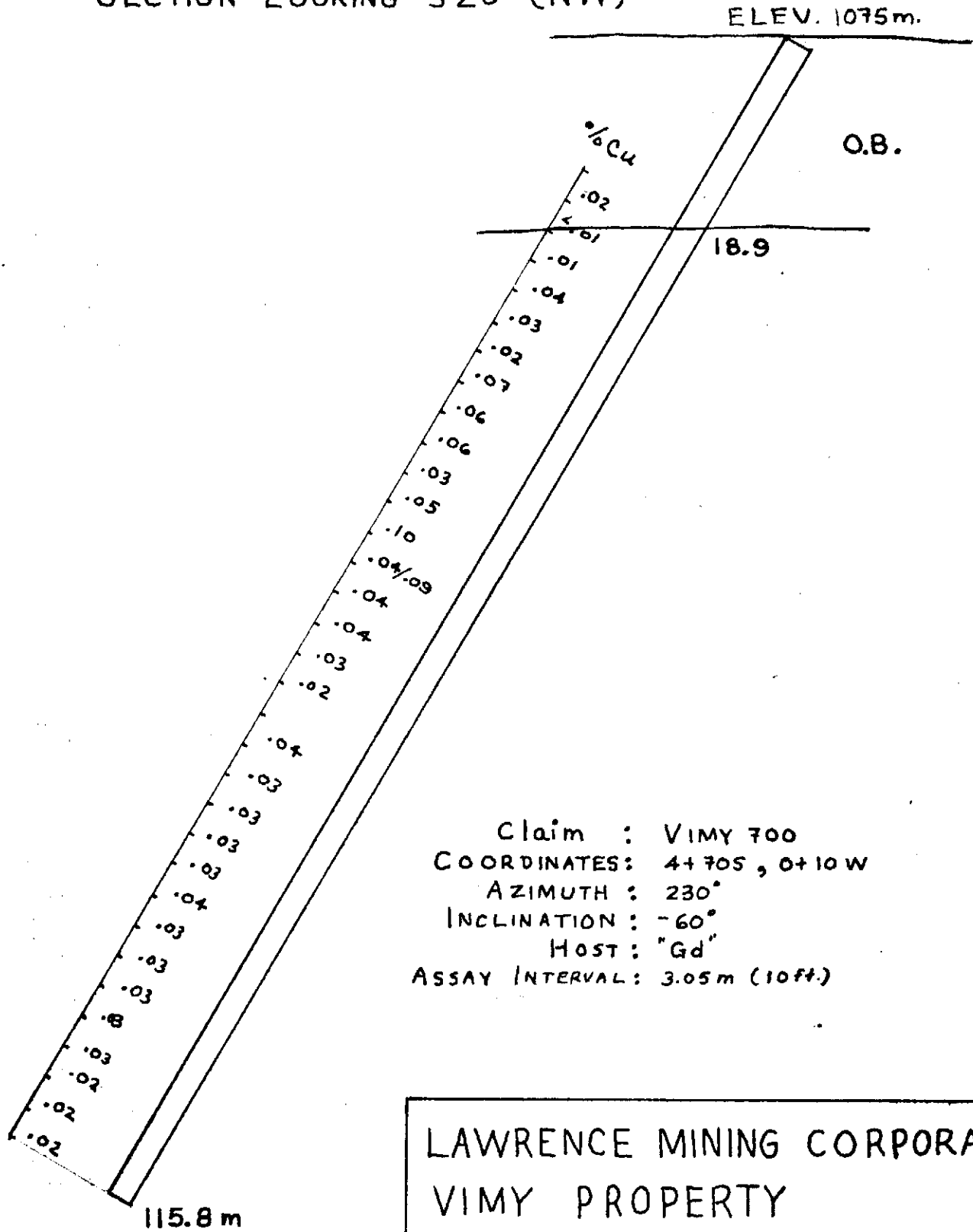
PERCUSSION DRILL HOLE P 81-10
SECTION LOOKING 320° (NW)



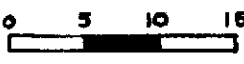
Claim : VIMY 700
COORDINATES: 4+00S , 0+05W
AZIMUTH : 230°
INCLINATION : -60°
HOST : "Gd"
ASSAY INTERVAL: 3.05 m (10 ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P 81-10
SCALE 1:500 
DATE : OCTOBER '81 R. Wells.

PERCUSSION DRILL HOLE P 81-11
SECTION LOOKING 320°(NW)

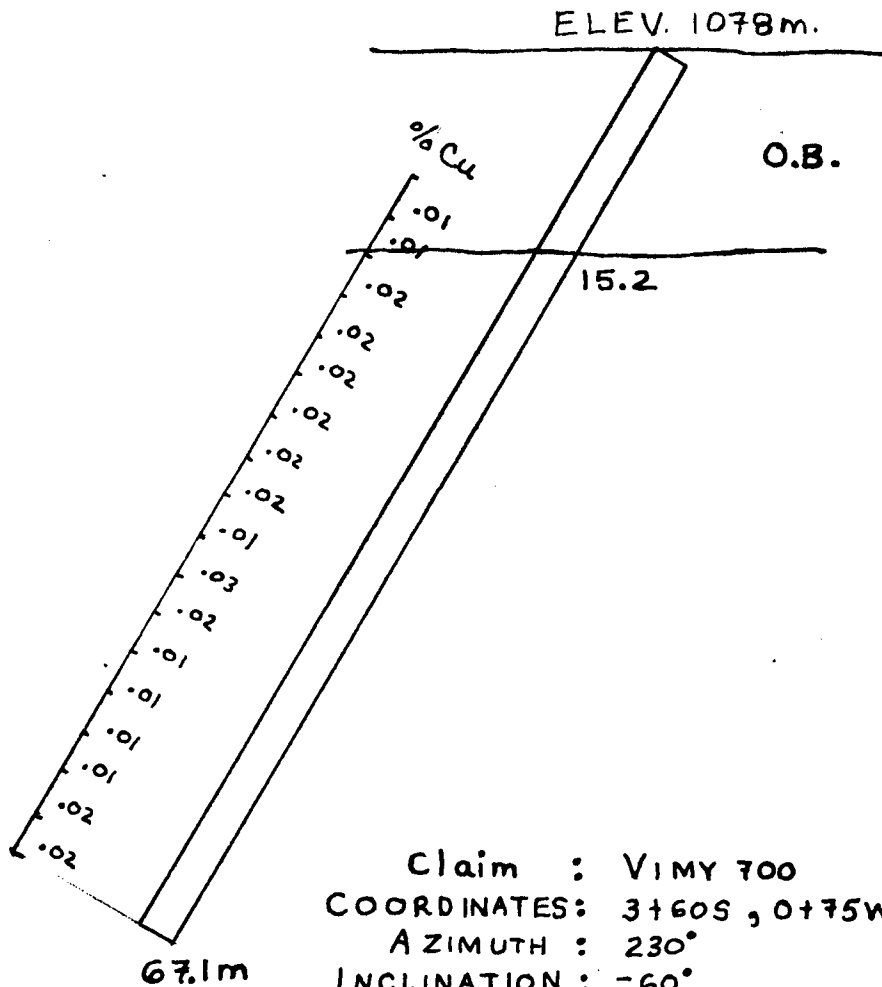


Claim : VIMY 700
 COORDINATES: 4+705, 0+10 W
 AZIMUTH : 230°
 INCLINATION : -60°
 Host : "Gd"
 ASSAY INTERVAL: 3.05 m (10ft)


LAWRENCE MINING CORPORATION
 VIMY PROPERTY
 PERCUSSION DRILLING P81-11
 SCALE 1:500 
 DATE : OCTOBER '81

R. Wells.

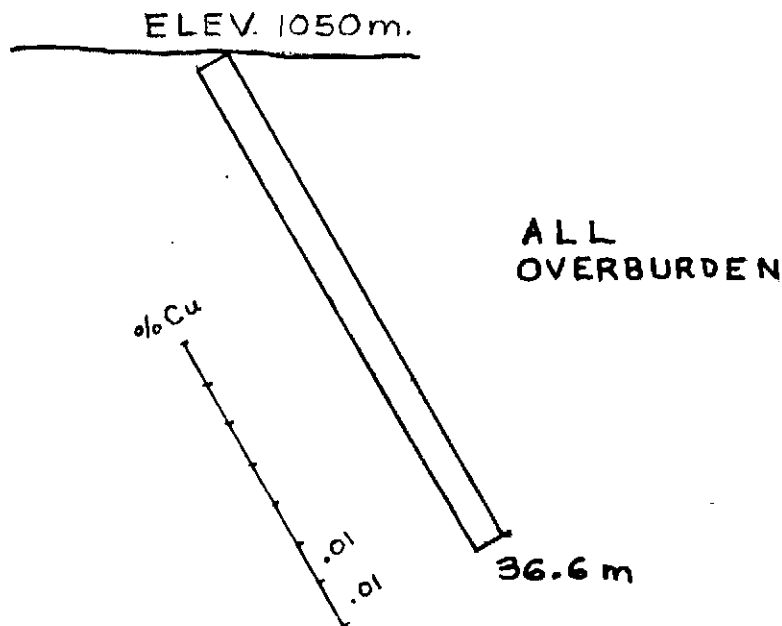
PERCUSSION DRILL HOLE P81-12
SECTION LOOKING 320°(NW)



Claim : VIMY 700
 COORDINATES: 3+60S , 0+75W
 AZIMUTH : 230°
 INCLINATION : -60°
 HOST: "Gd"
 ASSAY INTERVAL: 3.05m (10ft)

LAWRENCE MINING CORPORATION
 VIMY PROPERTY
 PERCUSSION DRILLING P81-12
 SCALE 1:500 
 DATE : OCTOBER '81 R. Wells.

PERCUSSION DRILL HOLE P 81-13
SECTION LOOKING 320°(NW)



Claim : VIMY 700
COORDINATES: 4+405 , 1+00E
AZIMUTH : 050°
INCLINATION : -60°
HOST : "Gd" ?
ASSAY INTERVAL: 3.05m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-13

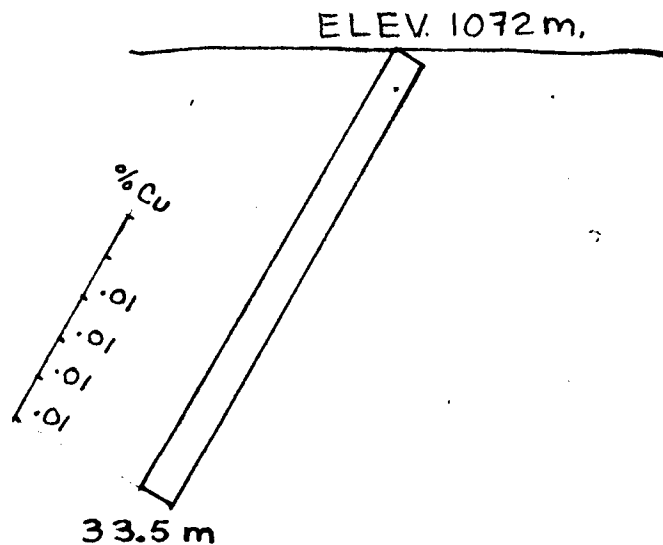
SCALE 1:500



DATE : OCTOBER '81

R. Wells.

PERCUSSION DRILL HOLE P81-14
SECTION LOOKING 360°(N)



Claim : VIMY 700
COORDINATES: 7+32S, 1+60W
AZIMUTH : 270°
INCLINATION : -60°
Host : "Gd" ?
ASSAY INTERVAL: 3.05m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-14

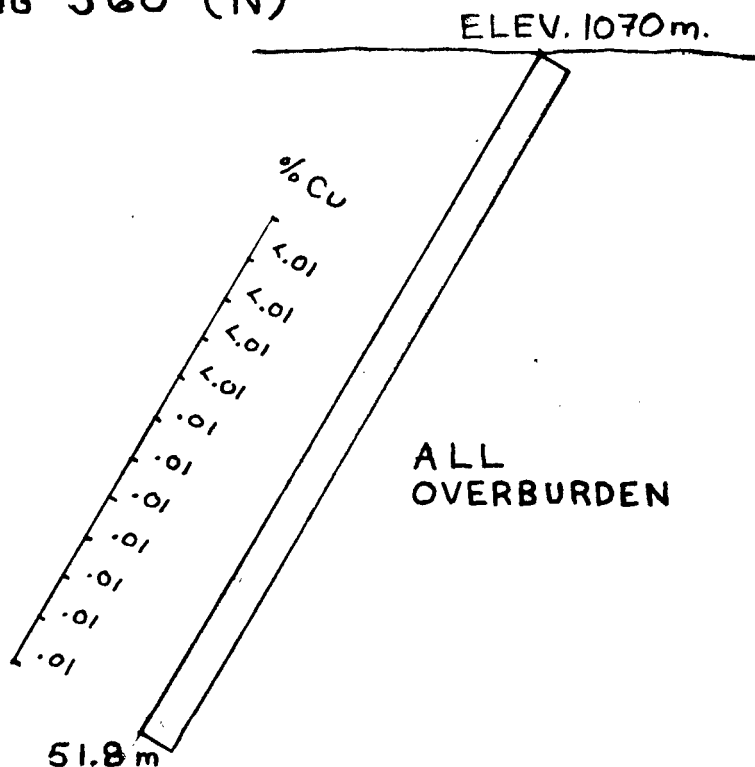
SCALE 1:500



DATE : OCTOBER '81

R. Wallb.

PERCUSSION DRILL HOLE P81-15
SECTION LOOKING 360°(N)



Claim : VIMY 700
COORDINATES: 10+10S , 2+75W
AZIMUTH : 270°
INCLINATION : -60°
Host : "Gd"
ASSAY INTERVAL: 3.05 m (10ft)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-15

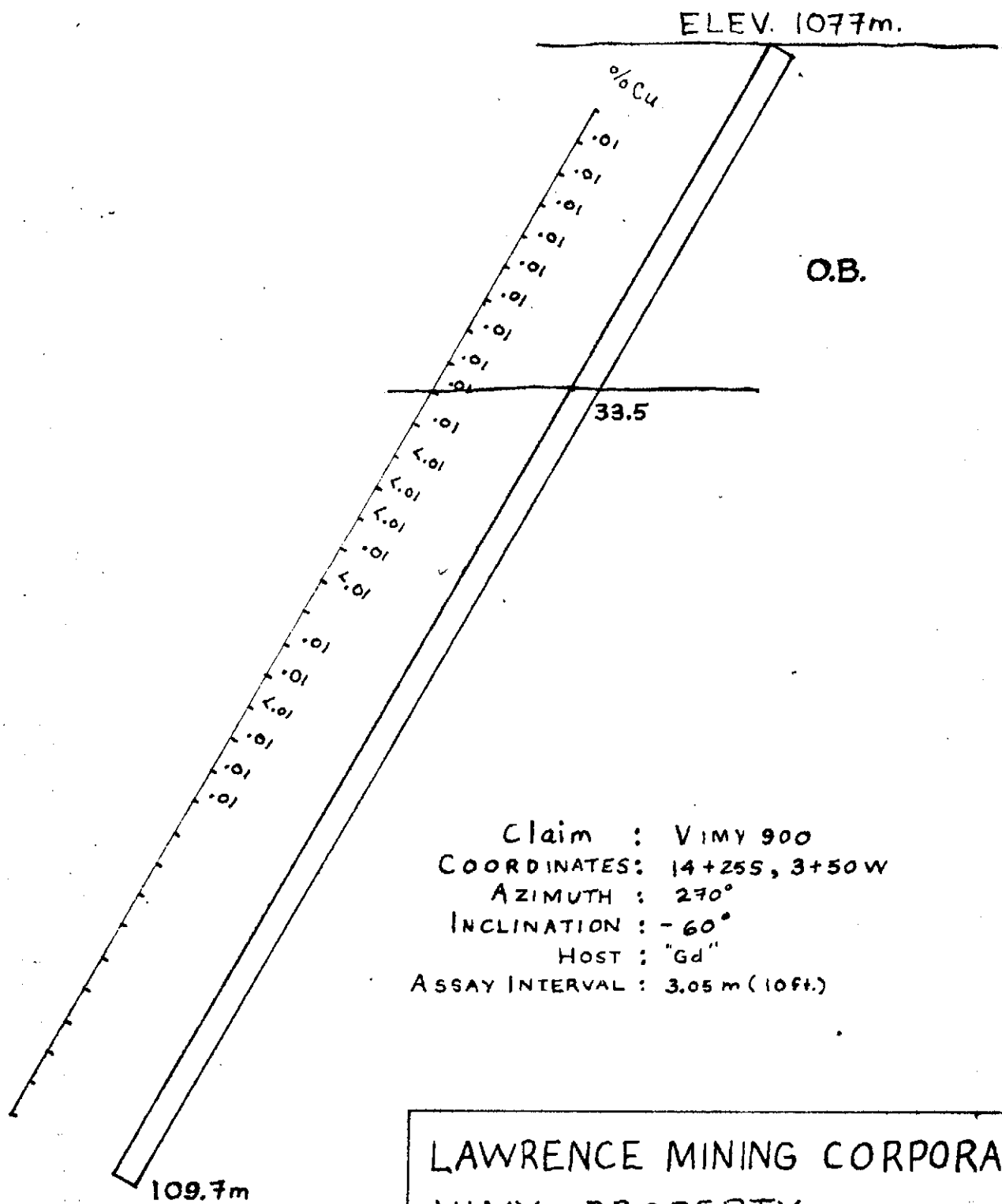
SCALE 1:500




DATE : OCTOBER '81

R. Walker

PERCUSSION DRILL HOLE P 81-16
SECTION LOOKING 360°(N)

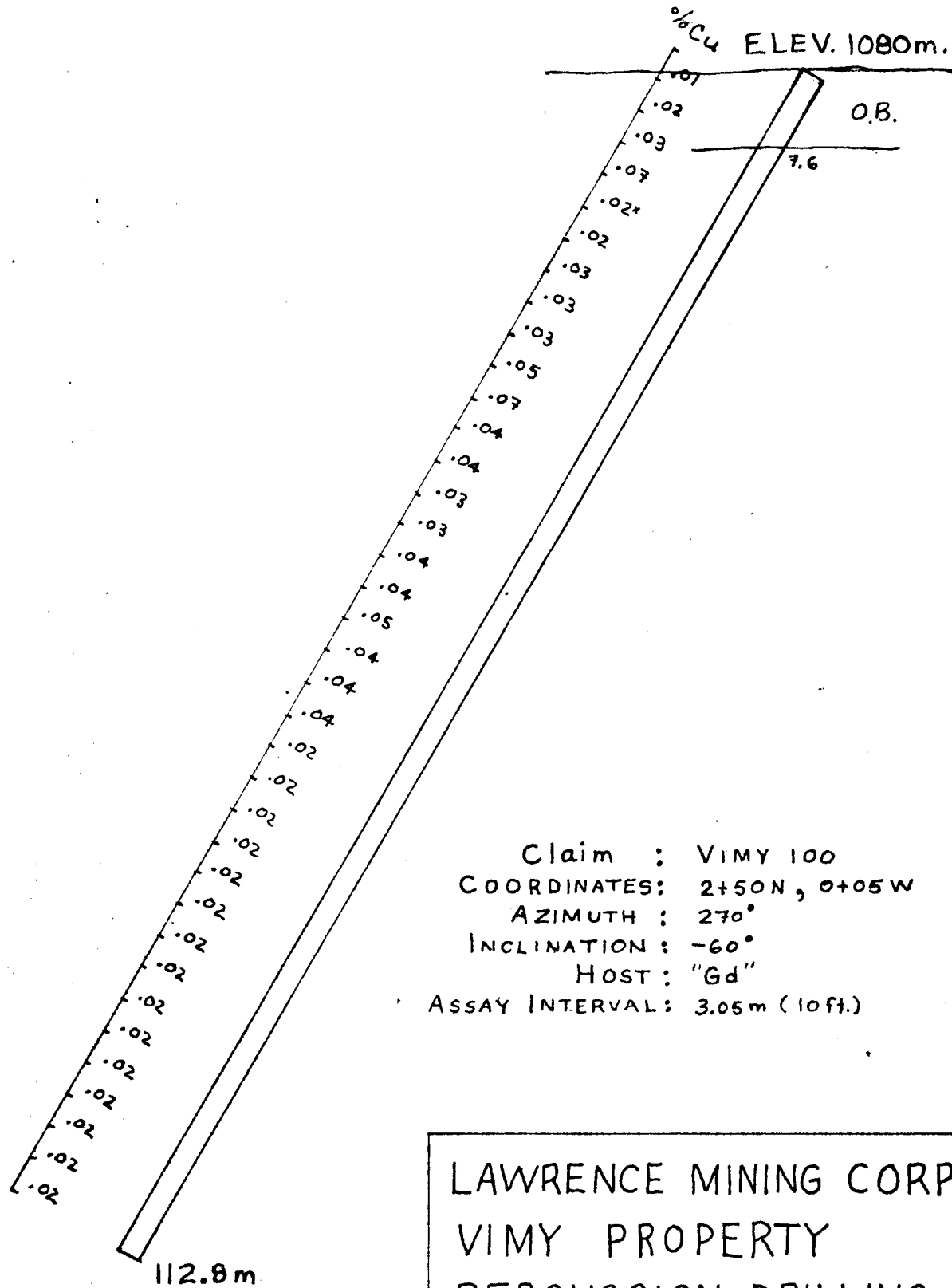


Claim : VIMY 900
 COORDINATES: 14+25S, 3+50W
 AZIMUTH : 270°
 INCLINATION : -60°
 HOST : "Gd"
 ASSAY INTERVAL : 3.05 m (10ft.)

LAWRENCE MINING CORPORATION
 VIMY PROPERTY
 PERCUSSION DRILLING P81-16
 SCALE 1:500 
 DATE : OCTOBER '81 R. Walth.

PERCUSSION DRILL HOLE P81-17

SECTION LOOKING 360°(N)



Claim : VIMY 100
COORDINATES: 2+50N, 0+05W
AZIMUTH : 270°
INCLINATION : -60°
HOST : "Gd"
ASSAY INTERVAL: 3.05m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-17

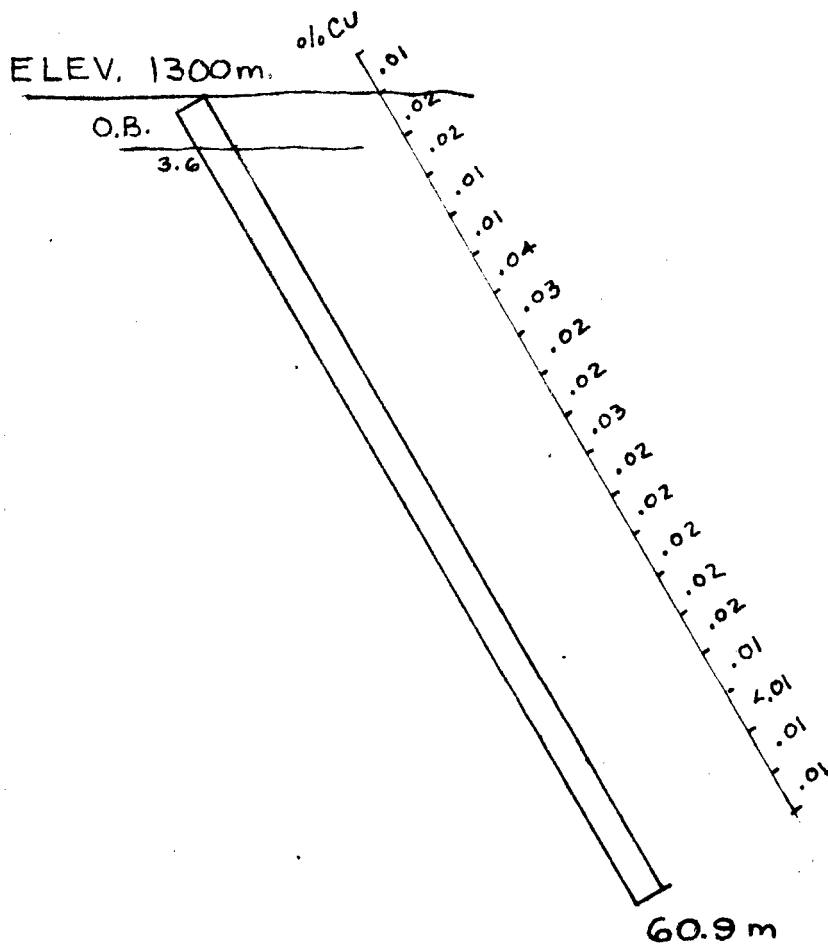
SCALE 1:500



DATE : OCTOBER '81

R. Wells.

PERCUSSION DRILL HOLE P 81-18
SECTION LOOKING 340° (NNW)



Claim : VIMY 200
COORDINATES: 10+17N, 6+00W
AZIMUTH : 070°
INCLINATION : -60°
HOST : "Gd"
ASSAY INTERVAL : 3.05 m (10ft)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-18

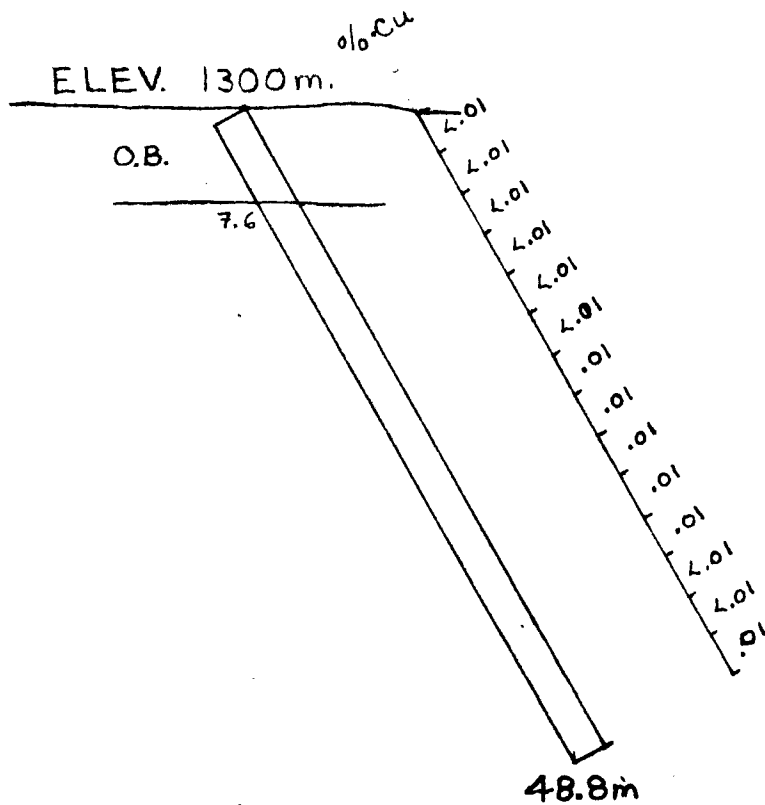
SCALE 1:500



DATE : OCTOBER '81

R. Wells.

PERCUSSION DRILL HOLE P81-19
SECTION LOOKING 060° (~NE)



Claim : VIMY 200
COORDINATES: 10+75N, 5+75W
AZIMUTH : 150°
INCLINATION : -60°
HOST : "Gd"
ASSAY INTERVAL: 3.05m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-19

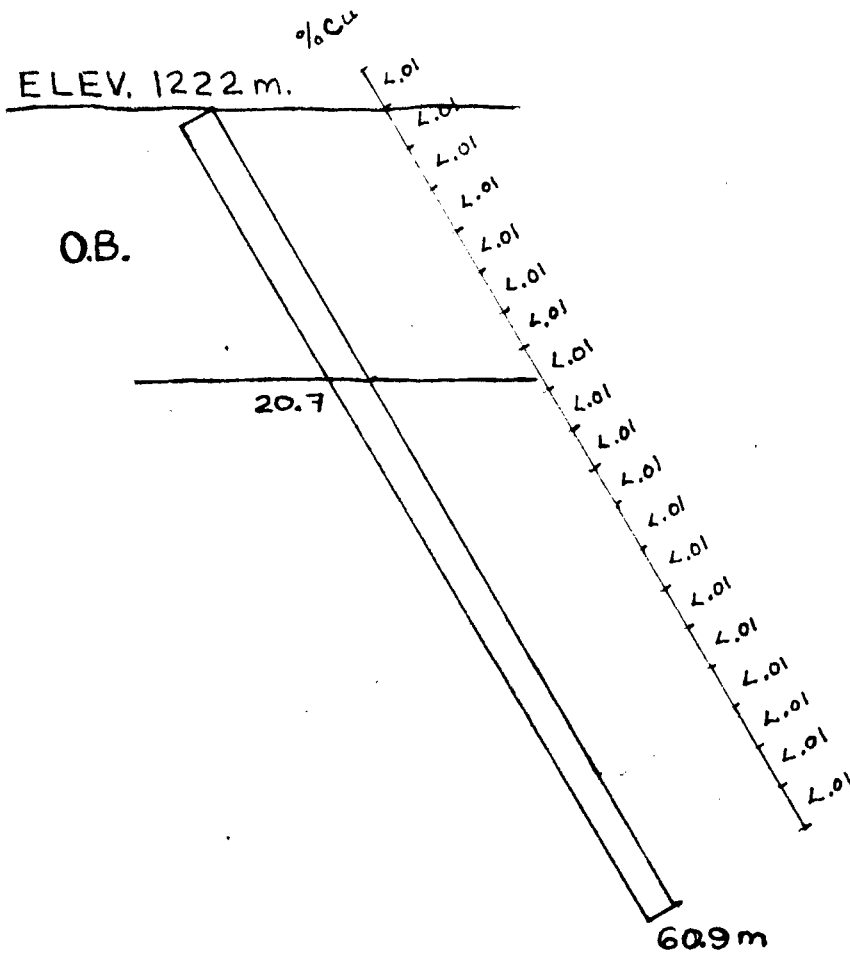
SCALE 1:500



DATE : OCTOBER '81

R. Wells

PERCUSSION DRILL HOLE P81-20
SECTION LOOKING 360° (N)



Claim : VIMY 100
 COORDINATES: 10+17N, 3+25E
 AZIMUTH : 090° (EAST)
 INCLINATION : -60°
 HOST : "Gd"
 ASSAY INTERVAL : 3.05 m (10ft.)

LAWRENCE MINING CORPORATION
 VIMY PROPERTY
 PERCUSSION DRILLING P81-20

SCALE 1:500

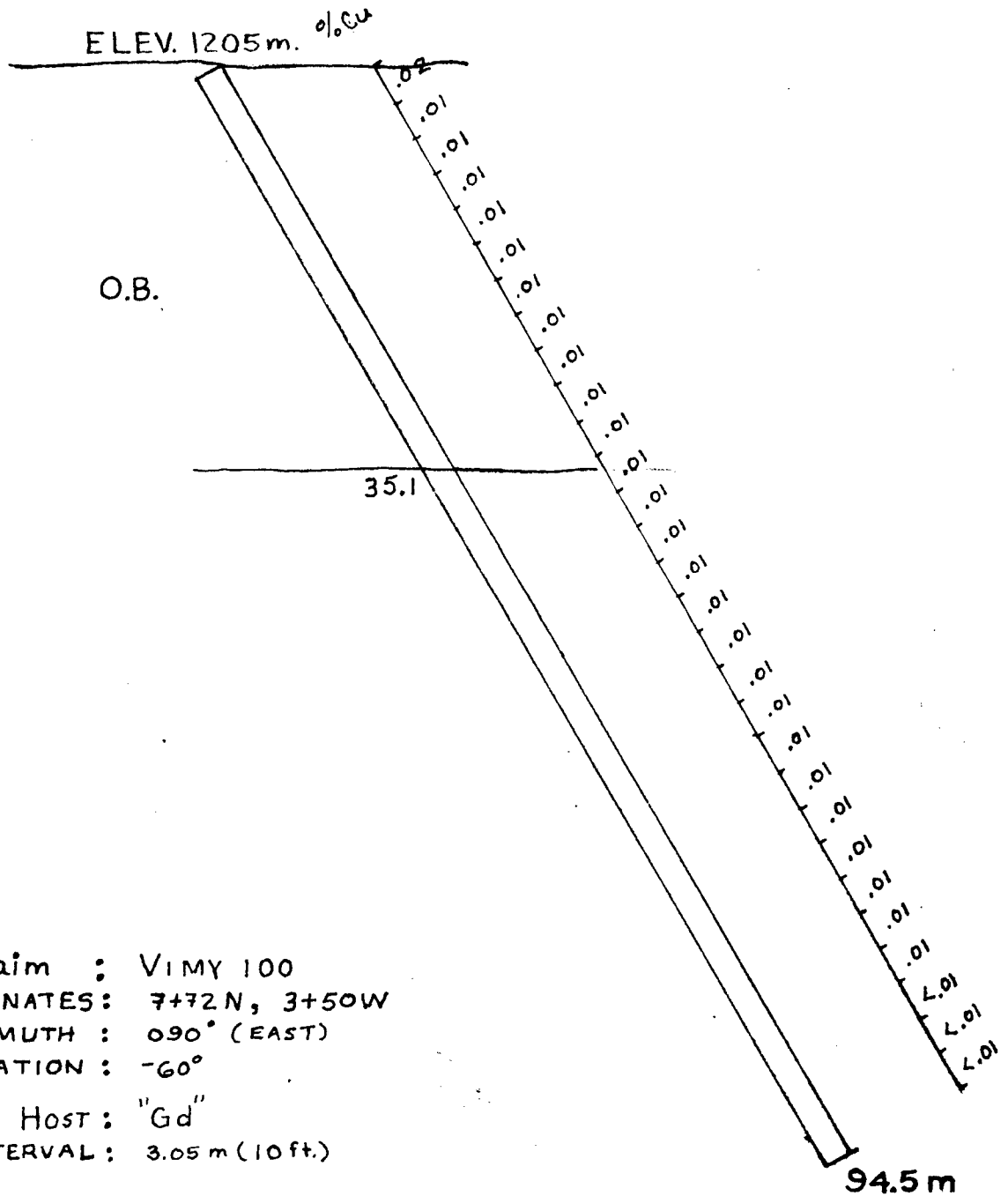


DATE : OCTOBER '81

R. Wells

PERCUSSION DRILL HOLE P81-21

SECTION LOOKING



Claim : VIMY 100
COORDINATES: 7+72N, 3+50W
AZIMUTH : 090° (EAST)
INCLINATION : -60°
Host : "Gd"
ASSAY INTERVAL: 3.05 m (10 ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-21

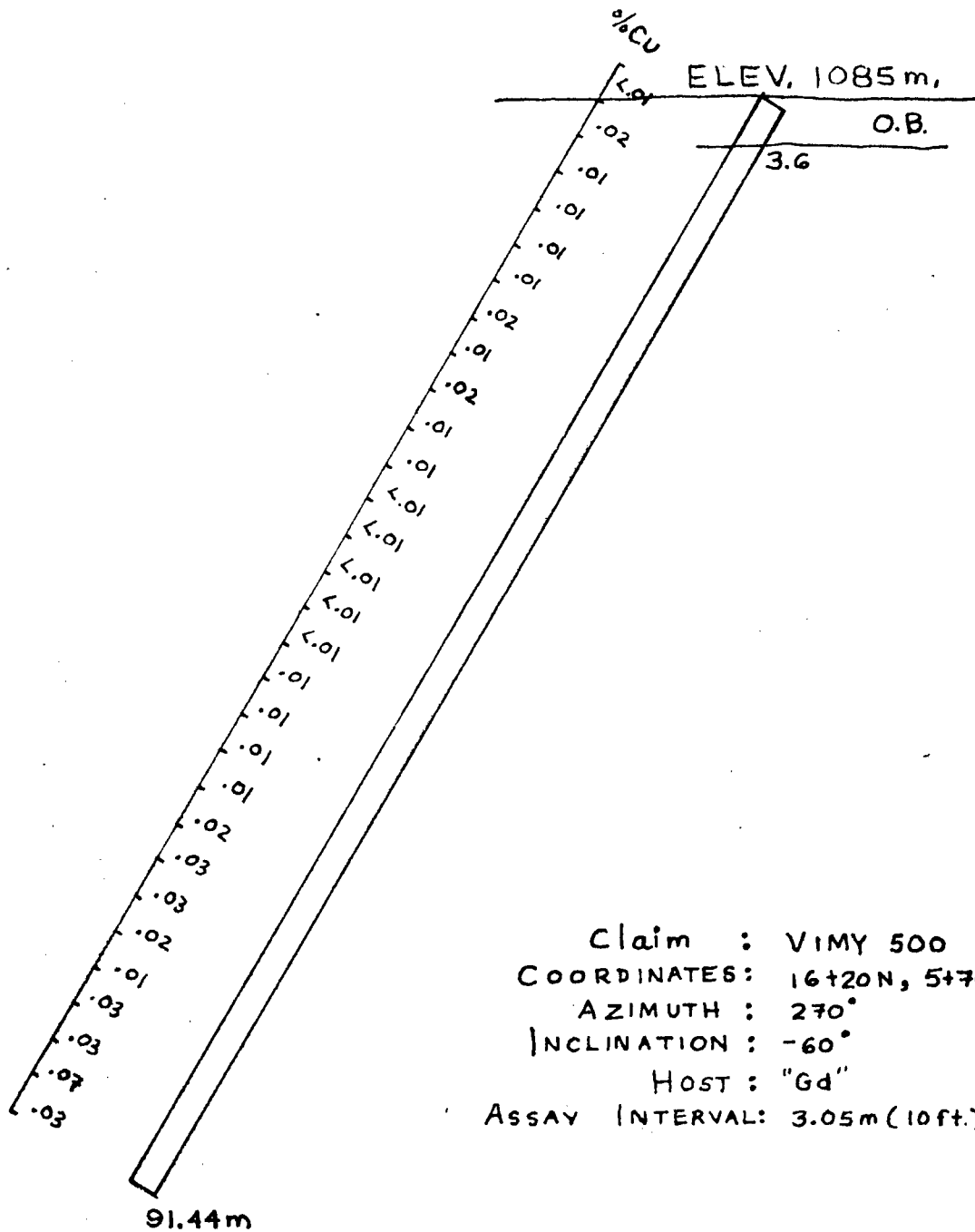
SCALE 1:500




DATE : OCTOBER '81

R. Walker

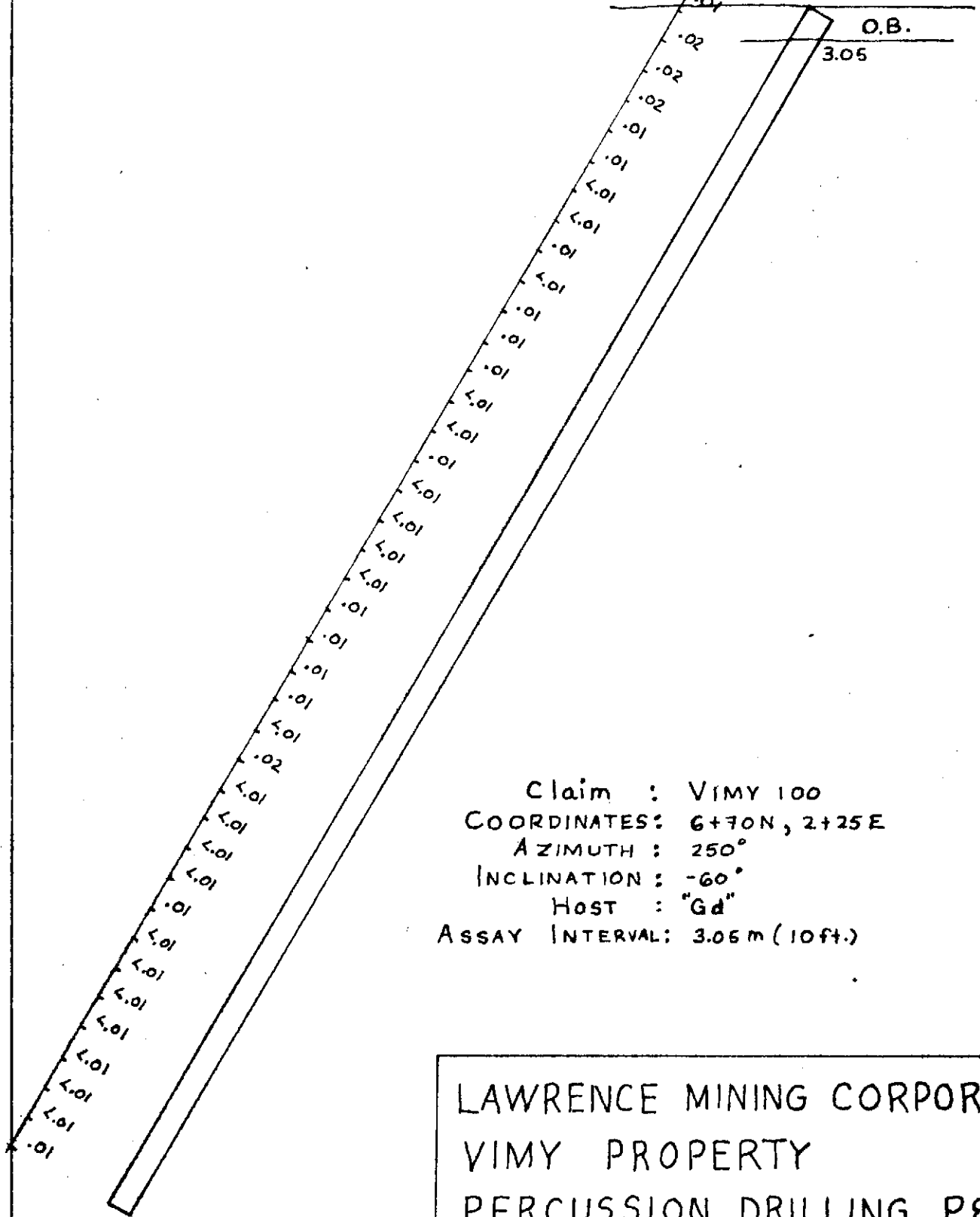
PERCUSSION DRILL HOLE P81-22
SECTION LOOKING 360° (N)




Claim : VIMY 500
 COORDINATES: 16+20N, 5+70E
 AZIMUTH : 270°
 INCLINATION : -60°
 Host : "Gd"
 ASSAY INTERVAL: 3.05m (10ft.)

LAWRENCE MINING CORPORATION
 VIMY PROPERTY
 PERCUSSION DRILLING P81-22
 SCALE 1:500 
 DATE : OCTOBER '81
 R. Walls.

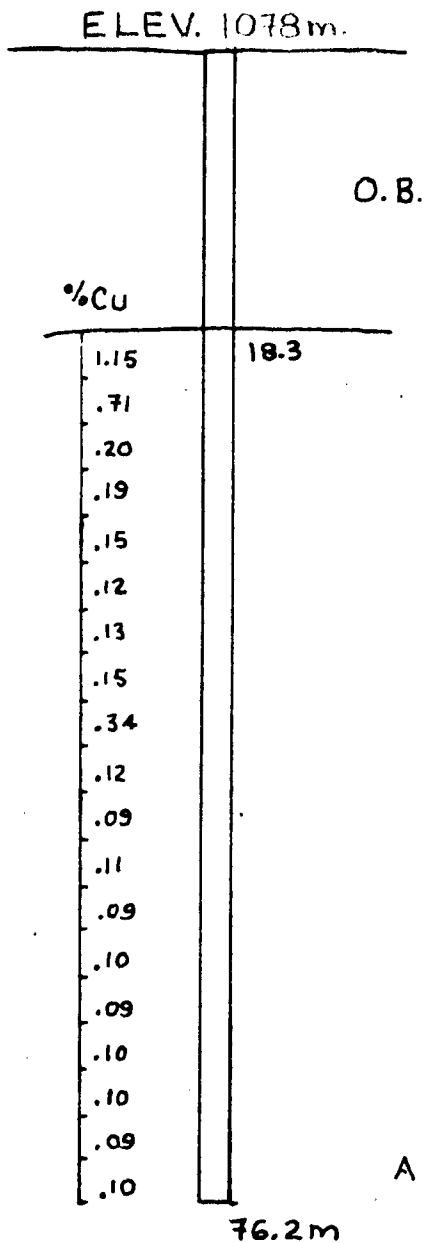
PERCUSSION DRILL HOLE P81-23
SECTION LOOKING 340° (~NNW) %Cu ELEV. 1090m.



Claim : VIMY 100
COORDINATES: 6+70N, 2+25E
AZIMUTH : 250°
INCLINATION : -60°
HOST : "Gd"
ASSAY INTERVAL: 3.05 m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-23
SCALE 1:500 
DATE : OCTOBER '81 R. Welch.

PERCUSSION DRILL HOLE P81-25
SECTION LOOKING 360°(N)



O.B.

%Cu

18.3

Claim : VIMY 700
 COORDINATES: 4+05S, 0+15 W
 ORIENTATION : VERTICAL
 Host : "Gd"
 ASSAY INTERVAL: 3.05 m (10 ft.)

LAWRENCE MINING CORPORATION
 VIMY PROPERTY
 PERCUSSION DRILLING P81-25

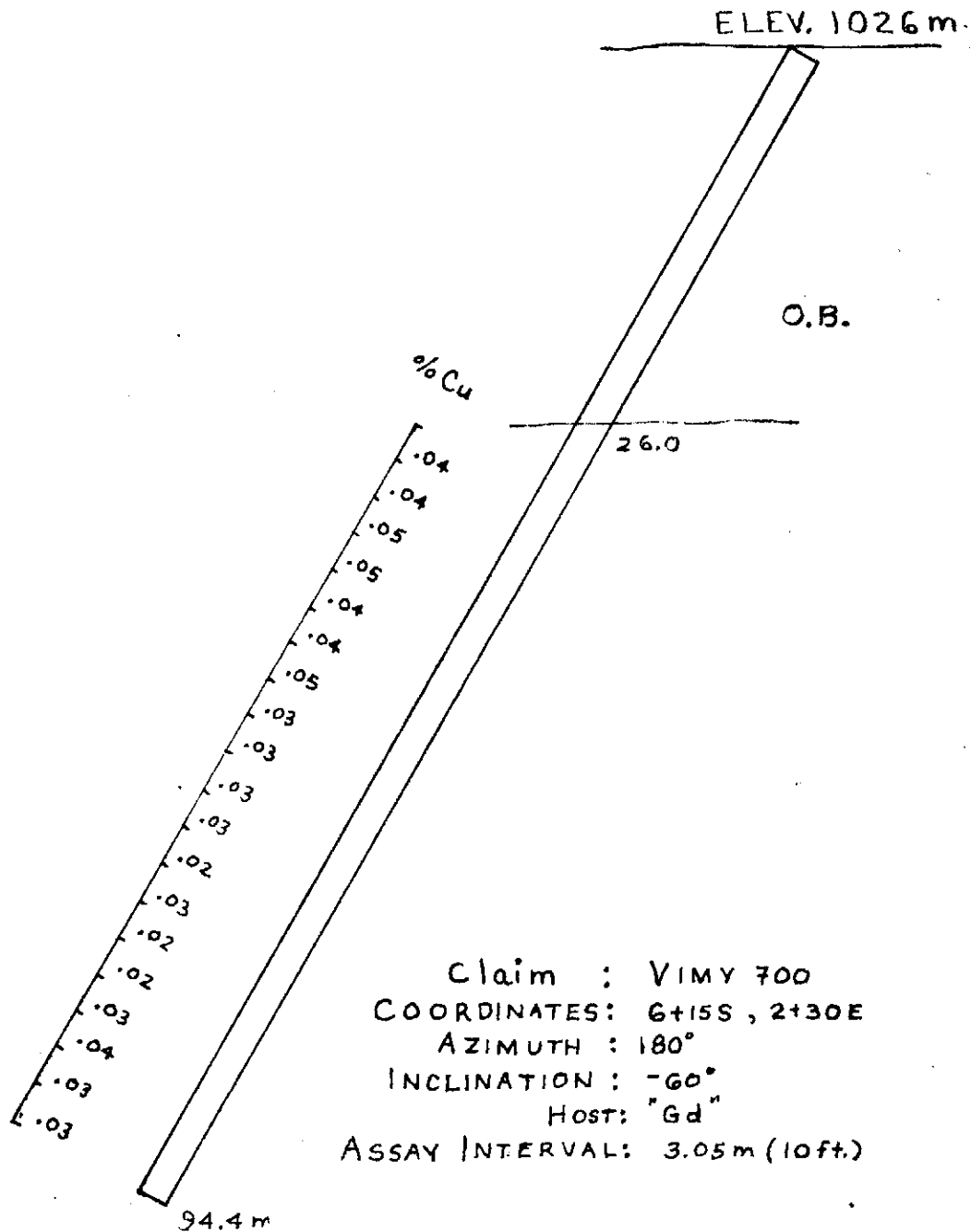
SCALE 1:500



DATE : OCTOBER '81

R. Webb.

PERCUSSION DRILL HOLE P81-26
SECTION LOOKING 270° (W)



Claim : VIMY 700
COORDINATES: G+15S, 2+30E
AZIMUTH : 180°
INCLINATION : -60°
Host: "Gd"
ASSAY INTERVAL: 3.05m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-26

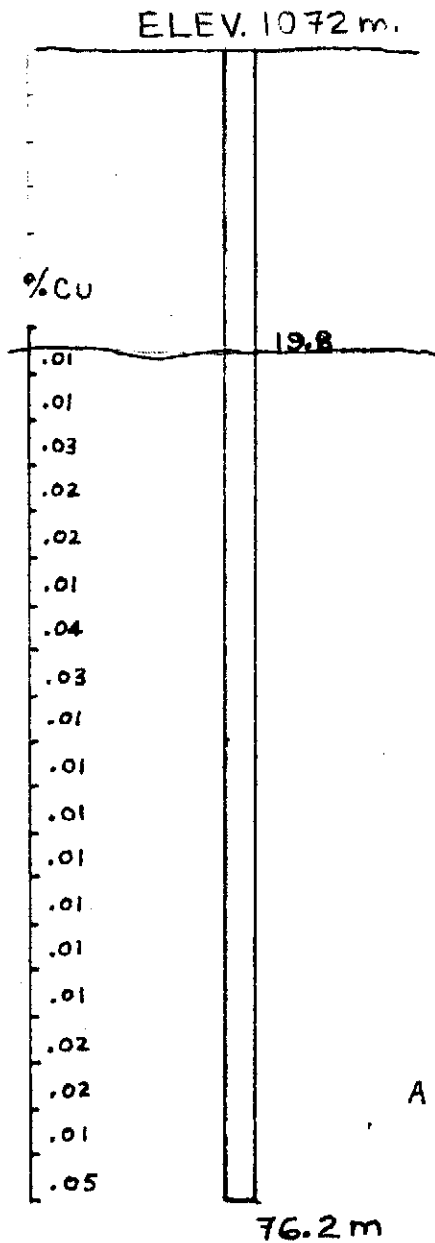
SCALE 1:500



DATE : OCTOBER '81

R. Welch.

PERCUSSION DRILL HOLE P81-27
SECTION LOOKING 360°(N)



Claim : VIMY 700
COORDINATES: 4+939, 0+05W
ORIENTATION : VERTICAL
HOST : "Gd"
ASSAY INTERVAL : 3.05 m (10 ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-27

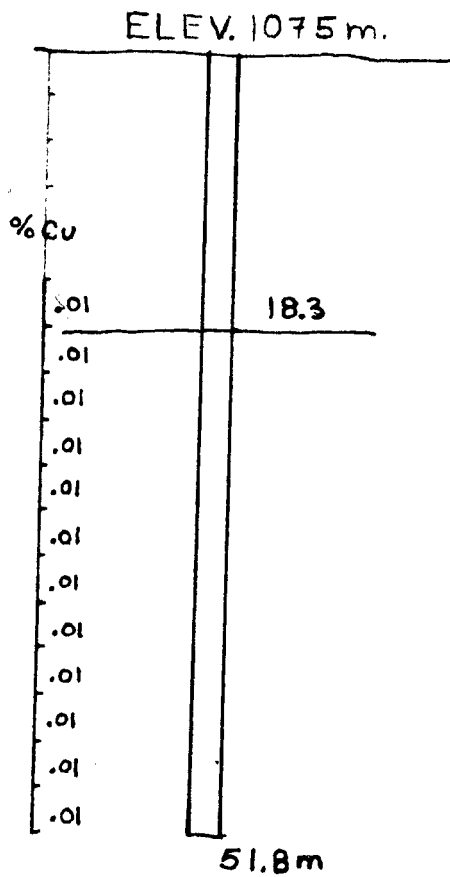
SCALE 1:500



DATE : OCTOBER '81

R. Wall.

PERCUSSION DRILL HOLE P81-28
SECTION LOOKING 360°(N)



Claim : VIMY 700
COORDINATES: 3+05S, 0+10W
ORIENTATION : VERTICAL
HOST : "Gd"
ASSAY INTERVAL : 3.05 m (10 ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-28

SCALE 1:500

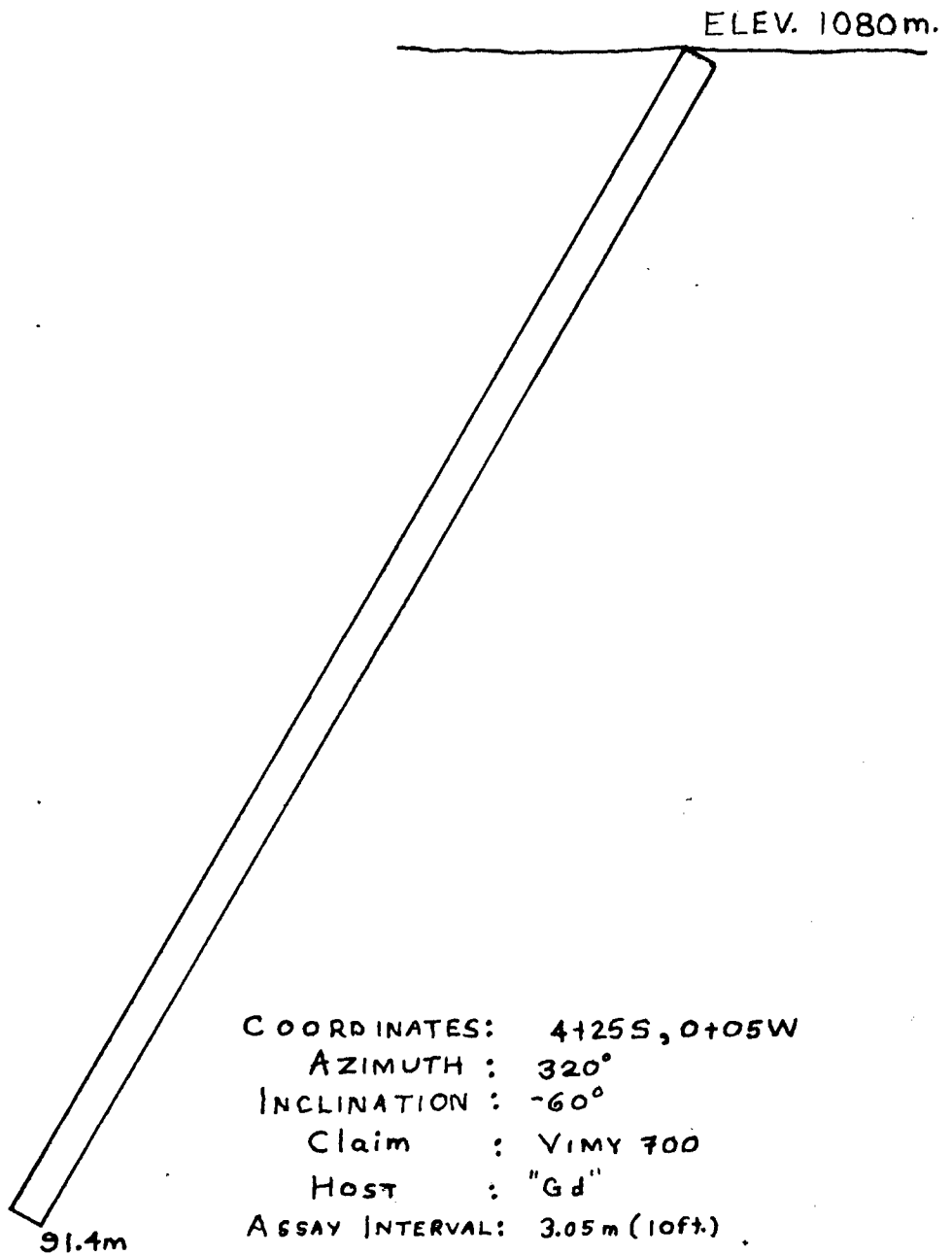


DATE : OCTOBER '81

R. Well.

PERCUSSION DRILL HOLE P 81-29

SECTION LOOKING 050° (NE)



LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P 81-29

SCALE 1:500

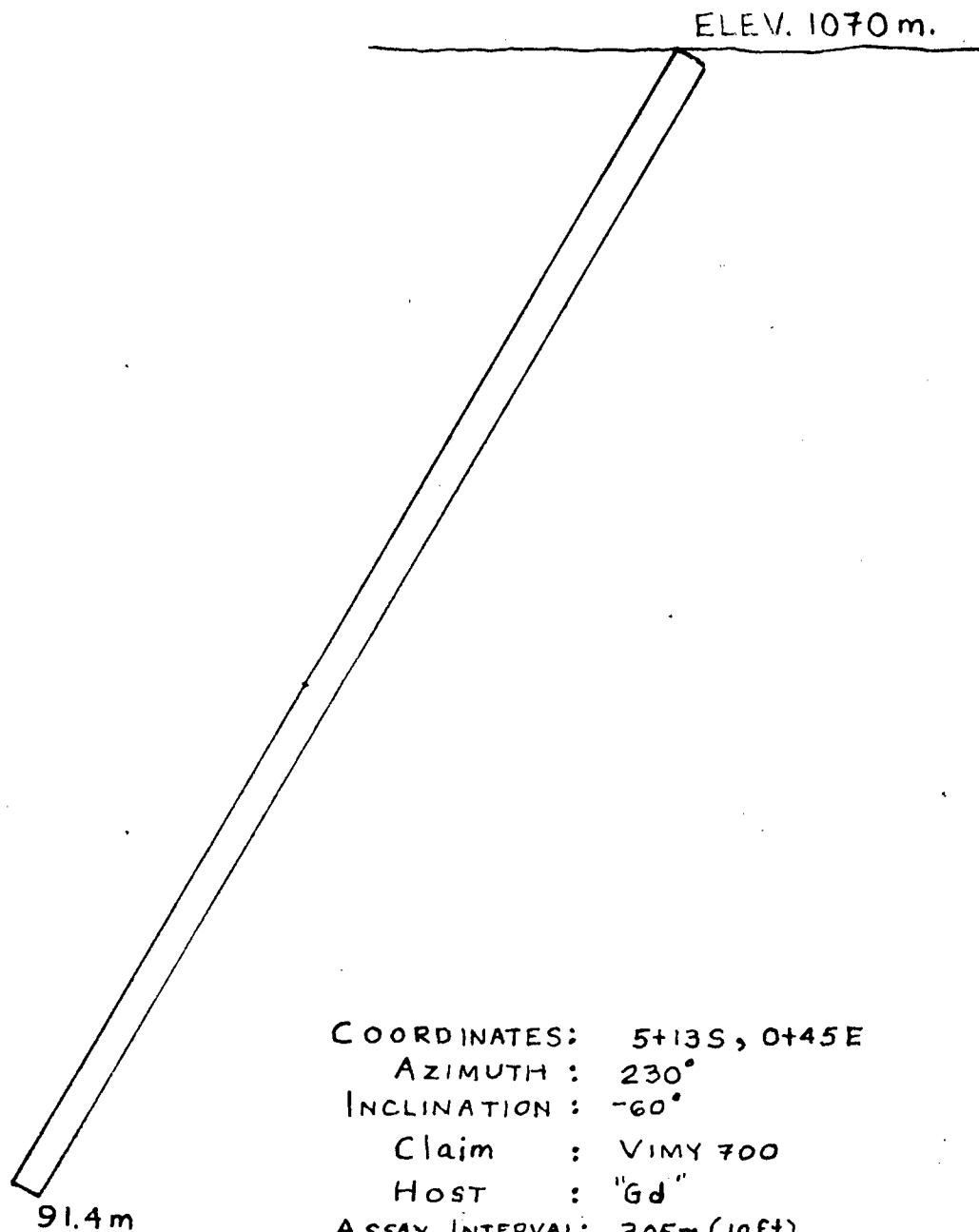


DATE : OCTOBER '81

R. Wells.

PERCUSSION DRILL HOLE P81-30

SECTION LOOKING 320° (~NW)



COORDINATES: 5+13S, 0+45E
AZIMUTH: 230°
INCLINATION: -60°
Claim : VIMY 700
HOST : "Gd"
ASSAY INTERVAL: 305m (10ft.)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-30

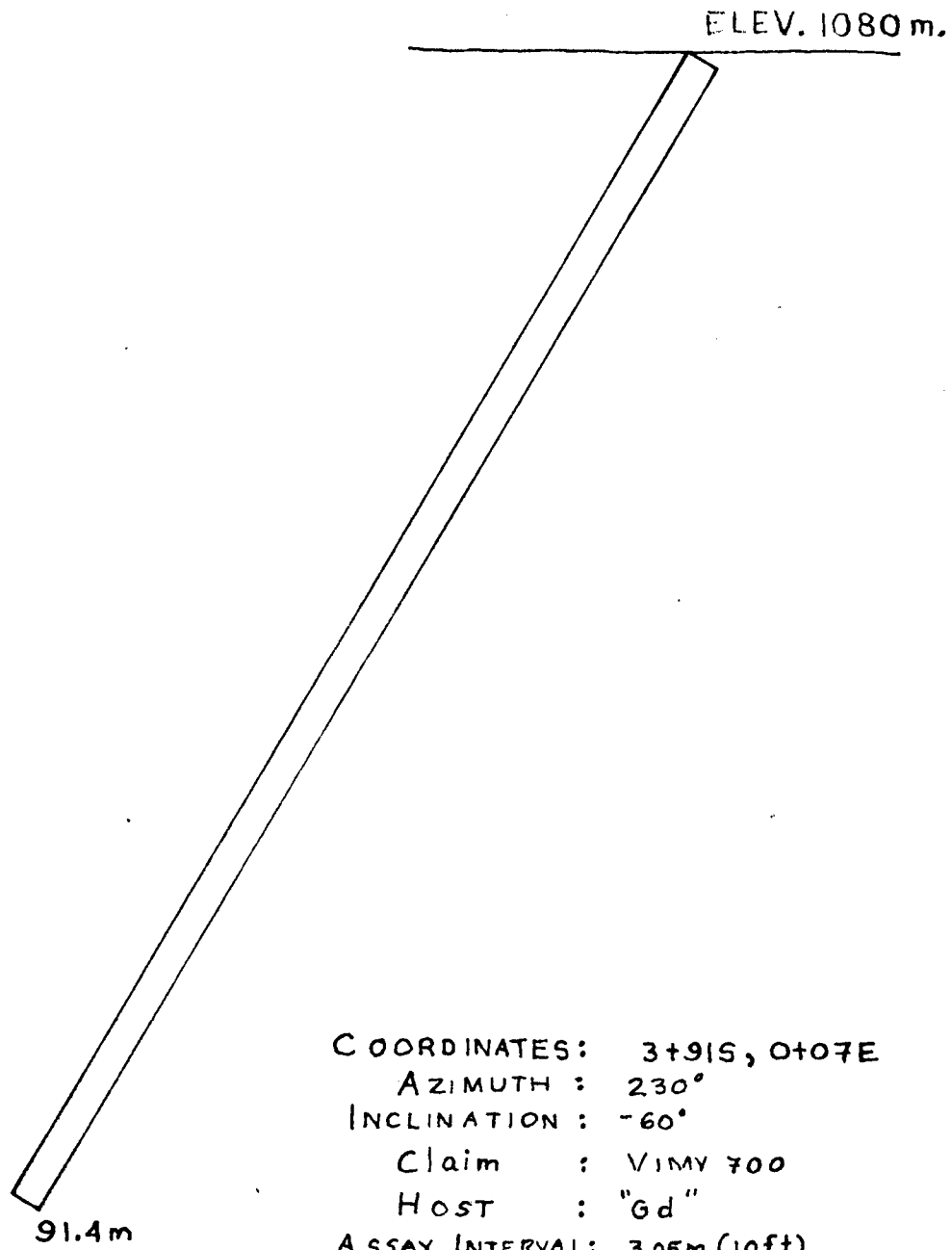
SCALE 1:500



DATE : OCTOBER '81

R. Wells.

PERCUSSION DRILL HOLE P81-31
SECTION LOOKING 320° (-NW)



COORDINATES: 3+915, 0+07E
AZIMUTH : 230°
INCLINATION : -60°
Claim : VIMY 700
Host : "Gd"
ASSAY INTERVAL: 3.05m (10ft)

LAWRENCE MINING CORPORATION
VIMY PROPERTY
PERCUSSION DRILLING P81-31

SCALE 1:500



DATE : OCTOBER '81

R. Wells.

APPENDIX 6

DIAMOND DRILL RECORD

PROPERTY VIMY (LAWRENCE MINING CORP.)....

HOLE No. D.D.H. 81-1.....

DIP TEST		
	ANGLE	
Footage	Reading	Corrected
300 feet	-60°	-60°

Hole No. 81-1 Sheet No. 1 of 9 Lat.
 Section Dep. -60° inclination Total Depth 156.06m-512ft.
 Date Begun APRIL 8, 1981 Bearing 270° Logged By R. WELLS
 Date Finished APRIL 14, 1981 Elev. Collar Claim VIMY 100
 Core Size BQ

% RECOVERY 85.5

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-11.68m	OVERBURDEN						
11.68-27.13	Fine-grained Granodiorite (GUICHON) -fine-grained, some meduim grained, pale grey, quartz rich, leucocratic, blurred crystal boundaries, mafics <5% volume (variably chloritized) - traces bornite (&chalcocite?) in interstices (specular hematite), (<0.5% Cu), trace pyrite, weak-moderate magnetism.						
	from 14.02-16.45; rock is broken, 5%unconsolidated, with occasional shears and fractures coated with some epidote &/or malachite stain @ 5°-15°.						
	from 16.45-17.5; rock broken, 50% unconsolidated						
	from 17.5-17.75; healed extensive brecciation, contains massive specular hematite, with notable tendrils of native copper, bornite, and chalcocite(?) malachite & limonite (5-10% vol. Cu.?)						
	from 17.75-18.30; brecciation as above but is predominantly specular hematite replacement						

DIAMOND DRILL RECORD

PROPERTY ...VIMY..(LAWRENCE MINING CORP)....

HOLE No..D.D.H.81-1.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-1 Sheet No. 2 of 9 Lat. Total Depth 156.06m-512ft.
 Section Dep. -60° inclination Logged By R. WELLS
 Date Begun April 8, 1981 Bearing 270° Claim VIMY 100
 Date Finished April 14, 1981 Elev. Collar Core Size BQ

% RECOVERY 85.5

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	of fragments.						
	Fault Zone: probable 16.45-18.30						
	from 18.3-19.2; rock broken, some malachite staining on various fracture faces.						
	from 19.2-26.0; typical, except quite broken.						
11.68-27.13	@ 5°-15° ∅ veneered with chlorite & traces of malachite, contains specks of bornite, trace pyrite disseminated.						
	from 26.0-27.13; 50% unconsolidated stained red by hematite & rusty limonite.						
27.13-82.7	BRECCIATED "PORPHYRY" (Mineralized) - fine-grained, leucocratic, feldspar rich, <5% chloritized mafics, pink to red staining of feldspars ∅, some portions bleached pale green (probable Fe ⁺⁺ , Fe ⁺⁺⁺ oxidation), weakly to non-magnetic.						
	27.13-45.40; 50% semi-consolidated, contains kaolin & sericite. 20% volume dark green f.g. to aphanitic injections (invades						

DIAMOND DRILL RECORD

PROPERTY VIMY (LAWRENCE MINING CORP).....

HOLE No. D.D.H. 81-1.....

DIP TEST		
ANGLE		
Footage	Reading	Corrected

Hole No. 81-1..... Sheet No. 4 of 5 Lat..... Total Depth 156.06m-512ft.
 Section..... Dep. -60° inclination Logged By R. WELLS
 Date Begun April 8, 1981..... Bearing 270° Claim VIMY 100
 Date Finished April 14, 1981..... Elev. Collar..... Core Size BQ

%RECOVERY 85.5

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	40.1; blebs Bornite						
	near 40.7; 3-4 fracture veneers bornite @ 60-70°						
	from 40.7-45.0 some compositional banding @ ~60°						
	coincident fracture fills and occasional						
	shears containing 0.5-1.0% Bornite (estimated)						
	small blebs specular hematite throughout.						
	45.6-45.8; brecciated quartz rich portion con-						
	tains ~10% irregular fracture fills specular						
	hematite & some visible chalcocite.						
	45.8-47.0; irregular specular hematite ~5% volume.						
	47.0-77.1;						
	- Bornite occurs as irregular fracture fills						
	(@frequently 45°-70°), occasional shear						
	faces, irregular tendrils and blebs in in-						
	terstices, frequently with specular hematite						
	occasional recognizable chalcocite.						
	@ 49.3; 2cm massive Bornite						
	@ 53.0; 4cm mixed massive specular hematite con-						
	taining Bornite						
	62.55-62.75; 20cm of 5% irregular fracture fill						
	of Bornite.						

DIAMOND DRILL RECORD

PROPERTY ... VIMY. (LAWRENCE MINING CORP.) ...

HOLE No. D.D.H. 81-1

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-1	Sheet No. 5 of 9	Lat.	Total Depth 156.06m-512ft.
Section	Dep. -60° inclination	Logged By R. WELLS	Claim VIMY 100
Date Begun April 8, 1981	Bearing 270°	Core Size BQ	
Date Finished April 14, 1981	Elev. Collar		

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	@ 64.35; possible Molybdenite on fracture face						
	@ 70°						
	@ 64.6; 0.5cm quartz-calcite fracture fill with Bornite						
	@66.25; Bornite and associated specular hematite in irregular fracture fills over 20cm.						
	@ 67.15; 5cm massive specular hematite in irregular fracture fill						
	from 68.5; visible Bornite noticeably decreases, occurring in pods <1cm size and irregular discontinuous fracture fills.						
	from 69.0; dark green volcanic(?) content as apparent invasions, assimilations, and xenoliths (to 20cm size) becomes more abundant						
	from 77.1-82.7 BRECCIA						
	- consists of pale pink leucocratic fine grained angular igneous fragments 1cm size ϕ , in an aphanitic dark green ground mass (volcanic origin?). This changes to a compositional mix of the above with indistinct boundries						

DIAMOND DRILL RECORD

PROPERTY..VIMY..(LAWRENCE.MINING.CORP..)....

HOLE No..D,D,H..81-1.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-1 Sheet No. 6 of 9 Lat. Total Depth 156.06m-512ft.
 Section Dep. -60° inclination Logged By R. WELLS
 Date Begun April 8, 1981 Bearing 270° Claim VIMY 100
 Date Finished Elev. Collar Core Size BC
 % Recovery 85.5%

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	and large 2-4cm size leucocratic fragments invaded by the dark green ground mass. Few blebs of Bornite.						
82,7-101.75	ALTERED "PORPHYRY" - typical texture, pale salmon pink (probably was feldspar stained red then bleached) - semi-consolidated (crumbly), sericitic and kaolinized, non-magnetic. Weak compositional banding occasionally @ 60°-70°. Blebs specular hematite throughout 1% volume. @ 82.90; grey metallic mineral on fracture fills ~0.3cm (graphite or Mo?) from 85.0-86.0; small blebs Bornite and specular hematite (Cu << 0.5% volume) @ 87.70; Mo? veneers on 3 silicious fracture fills @ ~40° (in a space of ~3cm). @ 88.85, 89.35, 90.9, 92.35, 93.45, 93.9; splotches of Bornite up to 1cm size (one 70° fracture fill) associated with invading silicious tendrils (some calcite)						

DIAMOND DRILL RECORD

PROPERTY VIMY (LAWRENCE MINING CORP.)

HOLE No. 81-1

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-1 Sheet No. 7 of 9 Lat. -60° inclination
 Section Dep. -60° inclination
 Date Begun April 8, 1981 Bearing 270°
 Date Finished April 14, 1981 Elev. Collar
 Total Depth 156.06m-512ft.
 Logged By R. WELLS
 Claim VIMY 100
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	- lower part contains occasional grey gouge, 0.5-2.0cm wide, weak fracturing @ 70° , some dark grey-black streaks (of assimilated volcanics?) @ $\sim 70^{\circ}$						
101.75-108.2	ALTERED "PORPHYRY"						
	- pink, typical texture except contains dark green chloritic bands @ $40-50^{\circ}$ & streaks of (incomplete assimilated volcanic xenoliths?)						
	- generally V. silicious, weakly magnetic, ~1% blebs specular hematite, no visible Cu.						
108.2-111.3	- similar to 82.7-101.75 (no Cu.)						
111.3-123.75	ALTERED (BLEACHED) "PORPHYRY"						
	- heavily bleached pale greenish grey with 30% volume of selective patchy red stained feldspars.						
	- predominantly semi-consolidated, highly calcified (with ~2% volume barren white calcite fracture fills @ 40° , 0.2-2.0cm width \emptyset).						
	Non-magnetic						
	- few specks bornite, chalcopyrite, some specular hematite disseminations (generally very barren)						

DIAMOND DRILL RECORD

PROPERTY..... VIMY (LAWRENCE MINING CORP.)

HOLE No. D.D.H. 81-1

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-1 Sheet No. 8 of 9 Lat. Total Depth 156.06m-512ft.
 Section Dep. -60° inclination Logged By R. WELLS
 Date Begun April 8, 1981 Bearing 270° Claim VIMY 100
 Date Finished April 14, 1981 Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	- few shears @ 30°-40°						
	112.5-113.0; meduim to dark grey, fine grained, blurred texture, barren (possibly volcanic zenolith)						
123.75-145.1	RED ALTERED "PORPHYRY"						
	- ~50% volume patchy portions of red-stained feldspars; other portions pale green grey with chloritized mafics. Some bleaching but not extensive.						
	- sericite, kaolin, some calcification						
	- red portions non-magnetic, grey portions weakly magnetic. Few shears @ 40°-50°. Few patches specular hematite.						
	130.75-130.95; buff colored aphanitic volcanic (dike?)						
	@ 134.2; 3cm banded quartz-carbonite barren f.f.						
	@ 15°						
	@ 140.8; 3cm dark grey gouge @40° in contact with pale green bleached section (30cm)						
145.1-156.05	UNALTERED PORPHYRY						
	- typical texture, blurred, pale grey-green, 5%						

DIAMOND DRILL RECORD

PROPERTY VERY (Lawrence Mining Corporation)

HOLE No. D.D.H. 81.2

DIP TEST		
Footage	Angle	
	Reading	Corrected
C		-78°
300'	-82°	-82°

Hole No. DDH 81-2 Sheet No. #1 of 8 Lat. _____

Section _____

Date Begun April 15, 1981

Date Finished April 28, 1981

Dep. -78° collar, 82° 30m

Bearing 270°

Elev. Collar _____

Total Depth 147.37m (485.5')

Logged By Ray Wells

Claim YIM 100

Core Size B2

% Recovery: 87.6%

DEPTH METRIC	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
C-9.75	Overburden						
9.75-86.20	Fine-grained Granodiorite						
	-f.g. to m.g., pale grey, leucocratic, mafic						
	45% vol.						
	-blurred crystal boundaries, some compositional banding (dark green, possibly volcanic assimilation), some portions feldspars stained reddish (hercynite)?						
	-blebs spec. hercynite throughout ~1.0% vol.						
	possible blebs bornite (& a red Cu mineral?)						
	-weak-moderate magnetism, fracture faces						
	20-45° - density lower 20 cr, malachite coated						
14.82-15.15:	brecciated portion (20 cr contains						
	~90% volume spec. hercynite as fracture fills						
	and replacement, some tendrils native						
	copper, malachite stain, some is red						
	hercynite colour						
	From 14.82: quite broken						
	*17-22: possibly some faulting						
	From 31.0: V. broken, >50% volume, semi-						
	consolidated.						

DIAMOND DRILL RECORD

PROPERTY VMY

HOLE No. D.D.H. 81-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-2 Sheet No. #2 of 8 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

Total Depth 144.2 m
 Logged By R. WELLS
 Claim _____
 Core Size 30

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
36.20-75.10	Brecciated (Mineralized) "Porphyry" -mixed red & bleached brecciated porphyry similar to D.D.H. 81-1 (27.18 - 82.7) note: from 31.0-41.4 probable FAULT ZONE; slickensides, broken, frequently semi- consolidated, bleached, kaolinized, spec. heratite tendrils 0.5 - 1.0 cm width @ - 1.0 - 4.0% volume, freq. at 15° - 30°.					
36.2-41.8;	semi-consolidated, texture totally obscured at times, contains bornite (and chalcocite?) as irregular bands and tendrils (visible from 36.1)					
From 41.4:	healed brecciation, some dark green to black aphanitic infilling containing specular heratite (& bornite at times). At times silicious infilling associated with the the heratite & copper.					
	-brecciation less intense but evidence of assimilation (compositional bands - greenish & reddish) frequently @ N 40°.					
	Occasional bornite tendrils. Rock is brick					

DIAMOND DRILL RECORD

PROPERTY VER

HOLE No. D.D.H. 81-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. D.H. 81-2 Sheet No. #2 of 8 Lat.
 Section Dep. Total Depth
 Date Begun Bearing Logged By R. Wells
 Date Finished Elev. Collar Claim
 Core Size B3

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	red due to intense feldspar staining.					
	-Native copper occurs as occasional disseminations					
	From ~ 49.0; Native copper begins to increase					
	From ~ 52.5; Native copper visibly abundant as disseminations, 2 minute irregular fracture fills, no visible bornite but chalcocite content increases as irregular fracture fills, no visible bornite but chalcocite content increases as irregular fracture fills, and associated with the compositional banding (high grade zone of ~2% cu.)					
	Specular hercynite similarly occurs.					
	59.23; probable No. 2cm silicious, semi-consolidated					
	@ 59.49; probable No. 2cm as gouge, semi-consolidated					
	@ 59.85; probable No. ~10cm on irregular shears, semi-consolidated					
	From 60.5; visible native copper as dissemination					
	hair fractures, and slips, and dendrites					

DIAMOND DRILL RECORD

PROPERTY VELY

HOLE No. _____

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. TDH 81-2 Sheet No. #4 of 8 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

Total Depth _____
 Logged By R. Wells
 Claim _____
 Core Size B2

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	61.7 - 61.95: contains Ho & Bornite in semi-consolidated bleached rock as fracture fills and shears						
	61.55 - 65.0: semi-consolidated, good Bornite grade (irregular fracture fills)						
	From 65.8-67.21: sheared, broken, some silicification, greyish, some calcite, some soft parts some irregular bornite fracture fills						
	67.21 - 69.8: Red "Porphyry" healed brecciation, lower part semi-consolidated, visible chalcocite & native copper on shears and hair fractures (Native Cu as disseminations & dendrites)						
	69.8 - 75; Bleached "Porphyry" semi-consolidated, rottled pale green, kaolinized, sericitic, dark green volcanics as assimilations and fracture invasions. -Bornite occurs as soft fracture fills quite evident throughout. -shears @ 40° Z, probable Fault Zone, some calcite (Note: usually bornite here)						

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. _____

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-2 Sheet No. #5 of 8

Lat. _____

Total Depth _____

Section _____

Dep. _____

Logged By R. Wells

Date Begun _____

Bearing _____

Claim _____

Date Finished _____

Elev. Collar _____

Core Size B2

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	chalcocite & native copper ϕ in "reddish" rock)					
	@73.05; possible Mo on shear face					
	75.0 - 75.1; well brecciated					
75.1 - 83.6	Altered "Porphyry" -pink to greyish green, f.g.-m.g., variably bleached, some semi-consolidated portions, subtle compositional bands at $\sim 60^\circ$, sericitic, variable assimilation (of volcanics)					
	@78.1 - 78.6; blebs chalcopyrite associated with calcite infilling. (\ll C.5% volume)					
83.6 - 92.5	Bleached "Volcanics" -appears to be bleached f.g.-m.g. volcanic rich section, epidote stained, some semi-consolidated -contains blebs fine disseminations cpy. \ll 0.5% volume. visible at 79.5, 80.7, 84.2 \approx 84.5 etc. @85.15; possible Mo in semi-consolidated,					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. _____

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-2 Sheet No. #6 of 8

Section _____

Date Begun _____

Date Finished _____

Lat. _____

Dep. _____

Bearing _____

Elev. Collar _____

Total Depth _____

Logged By R. Wells

Claim _____

Core Size B2

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	@ 89.5; Mo on shear @ 45°					
	@ 89.6; Bornite on brecciated fracture @ 20°					
	@ 90.3; blebs cpy in interstices, silicious					
	@ 90.65; Bornite, Mo, cpy in 3cm shear					
	@ 90.75; Mo in shear @ ~55°					
	@ 91.7; few blebs cpy					
	@ 92.3; some fig. cpy, pyrite(?)					
	@ 92.65; brecciated & silicious cpy & bn blebs					
	@ 92.7; Mo in gtz - calcite frac. fill (plastic 0.5 cm)					
	@ 95.7; Mo in irregular fracture fill in semi-consolidated rock					
	95.15-96.0; brecciated (@ 96.0 blebs cpy in silicious portion ~ 3cm)					
	@ 97.05; ~35cm irregular fracture fill Mo in semi-consolidated rock.					
	95.15 - 96.0; brecciated (@ 96.0 blebs cpy in silicious portion 3cm)					
	@ 97.05; 35cm irregular fracture fill Mo in semi-consolidated rock, some is silicious					
	@ 97.5; Mo on fracture @ ~45°					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. _____

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-2 Sheet No. #7 of 8 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

Total Depth _____
 Logged By R. Wells
 Claim _____
 Core Size B0

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
98.5 - 147.27	@ 98.1; Mo on fracture face @ 98.5; Mo (?) on fracture face @ ~40° Altered "Porphyry". -similar to 75.1-88.6 -f.g.- m.g., pink, leucocratic, blurred textures, quartz > 10% volume, chloritized mafics, some variable bleaching & reddish staining of the feldspars (Heulandite?). Occasional compositional bands @ ~50, few white barren calcite fracture fills, < 10% volume specular hematite disseminations, occasional specks chalcopyrite, some fractures at 45° @ 101.1; ~25cm shear & fracturing containing probable Mo(?) @ 107.83; hair fracture cpy @ 80° @ 108.76; dark grey govee (?) Mo? 109 - 109.4; 2cm irregular white calcite fracture fill @ 109.5; 1cm soft dark grey govee (Mo in it?) @ 129.65; barren white calcite fracture fill					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-3

DIP TEST		
Footage	Angle	
	Reading	Corrected
0	60°	

Hole No. D.D.H. 81-3 Sheet No. #1 of 5
 Section _____
 Date Begun April 1981
 Date Finished April 29, 1981

Lat. _____
 Dip. -60°
 Bearing 270°
 Elev. Collar _____

Total Depth 29.36m (326ft)
 Logged By Ray Wells
 Claim VIMY 100
 Core Size B Q
 % Recovery 84.7%

DEPTH METRIC	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0-15.24m	OVERBURDEN					
15.24-21.8	GRANODIORITE					
	- m.g. to c.g. grey (salt & pepper), leucocratic					
	- ~15% mafics (25% max) -hornblende: some altered to micas. Weak chloritic alteration; moderately magnetic, some fractures @ 60°-65° containing occasional malachite @ 17.3; shear gouge 1.0 - 2.0cm @ ~10°, some associated malachite stain					
	19.10-20.11; rock is crumbly, mafics tend to be altered to micas.					
21.8-44.8	GRANODIORITE					
	- f.g. to m.g. greyish, leucocratic					
	- contact sharp @ ~15%, 5-10% mafics (chlorite epidote, mica altered), fractures @ 60°-70° trace malachite).					
	@ 28.65; fractures @ 15°, fine disseminated native copper for 2cm width - 1% cu					
	@ 29.1; trace Native cu.					

DIAMOND DRILL RECORD

PROPERTY VINYL

HOLE No. D.D.H. 81-3

DIP TEST		
	Angle	
Footage	Reading	Corrected
collar	60°	60°
32.6' (99.36m)	65°	65°

Hole No. DDH 81-3 Sheet No. #2 of 5

Section _____

Date Begun _____

Date Finished _____

Lat. _____

Dep. _____

Bearing _____

Elev. Collar _____

Total Depth _____

Logged By Ray Wells

Claim _____

Core Size BG

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	32.5 ~ 33.0; Native cu as disseminations in vicinity of various fractures \leq 0.2% cu some pinkish hue from hematite stain (blebs of specular hematite)					
	@ 35.05; specks pyrite on and near fracture @ 60°					
	36.7-38.9; Native cu similar to 32.5-33.0, typically associated with calcite in fractures					
	29.9-32.65; sheared zone, quite broken, some soft portions					
	33.7-34.9; shear zone (as above), chloritized					
	41.15-43.5; rock is f.g., leucocratic, pink hue from alteration, contains trace blebs bornite and some fine disseminated Native cu					
44.8 ~ 65.0	ALTERED "PORPHYRY" - FAULT ZONE					
	44.25-46.0; Native cu (~1% volume) disseminated in broken rock, disseminations associated with fractures and hematized / chloritized shears.					

DIAMOND DRILL RECORD

PROPERTY VIET.....

HOLE No. D.D.H. 81-3.....

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-3 Sheet No. #3 of 5

Lat.

Total Depth

Section

Dep.

Logged By Ray Wells

Date Begun

Bearing

Claim

Date Finished

Elev. Collar

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	44.25-46.0; Native cu (~1% volume) disseminated in broken rock, disseminations associated with fractures and hematized/chloritized shears					
	46.0-57.0; Predominantly semi-consolidated; sheared, chloritized, hematized (bleached red & green mixed), kaolinized, variable calcite content. Native copper is visible in the hard (consolidated) fragments.					
	50.0-57.0; semi-consolidated, frequently gougy, intensely sheared, slickensides, very red color (feldspars stained & hematized), highly chloritic, infillings of calcite, Native copper occurs on occasional hard fragments and on shears frequently @ ~45° in the semi-consolidated Note: Cu content difficult to estimate because of oxidation effect in brick red coloring from 57.0~69.0					
	-~50% semi-consolidated, many dark brick red portions contain Native copper					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. DDH 81-3

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-3 Sheet No. #4 of 5
 Section _____
 Date Begun _____
 Date Finished _____

Lat. _____
 Dep. _____
 Bearing _____
 Elev. Collar _____

Total Depth _____
 Logged By Ray Wells
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	(decreases from ~65m). Native copper appears to be oxidized in much of the soft portions and is indistinguishable from red hematite gouge. Hard portions are brecciated and contain native cu disseminations associated with shears particularly (some calcite healing). Some specular hematite visible.					
	Note: Fault zone decreases from 65-69m					
69.0-99.36m	ALTERED "PORPHYRY" - Typical - Rock is consolidated (~10% semi-consolidated), blurred crystal boundaries, generally pale green bleached to salmon pink (stained feldspars) portions, few brecciated portions, calcite as irregular minute fracture fills common, prominent, prominent fracture directions @ 35°-50° - virtually barren of mineralization (rare traces of chalcopyrite, native copper, and					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. 81-4

DIP TEST		
Footage	Angle	
	Reading	Corrected
0	-60°	-60°
361 Ft.	-62°	-62°

Hole No. DDH 81-4 Sheet No. #1 of 5

Lat. _____

Total Depth 129.23m (424')

Section _____

Dep. -60°

Logged By R. Wells

Date Begun April 1981

Bearing 270°

Claim VIMY 100

Date Finished May 7, 1981

Elev. Collar _____

Core Size BQ

% RECOVERY 90.4

DEPTH Metric	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0-12.19m	OVERBURDEN					
12.19-83.51	GRANODIORITE (GUILCHON)					
	- fine-grained, rare medium grained, leuco- cratic, (salt & pepper grey), blurred cry- stal boundaries, occasional pink hue (alteration) in the vicinity of shears & fractures, some at 30°-60° 10% volume, mafics 5% volume (variable chloritization) weak-moderately magnetic, some calcite infilling, few specks native copper, occasional sericite(?)					
	12.19-21.0; fracture faces malachite stained common at variable angles to the core (many subparallel*)					
	@ 15.2; 0.5cm massive fracture fill of a copper mineral (probable cuprite) and malachite stain @ 40°					
	17.8-18.44; some shearing					
	18.85-19.5; some shearing					
	@ 25.0; few specks native copper near minor shear.					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. 81-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-2 Sheet No. #2 of 5 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collor _____

Total Depth _____
 Logged By R. Wells
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	25.15-27.0; brecciated, some shears, (some at 25°-45°), stockwork of calcite infilling, some hematite & chlorite, some disseminated Native copper throughout (0.1% volume)					
	27.73-34.29; some shearing evident throughout 50% semiconsolidated (due to the effect of invading fluids-original remnant textures evident), bleaching and some hematization. Shears are variable - some subparallel core (traces of native copper associated). Fractures @ 45°-60°					
	@ 35.25; shear @ 25°, chlorite-calcite infilling specks of native copper.					
	35.25-35.75; specks of native copper (associated in part with chloritized fracture faces.)					
	@ 35.75; shear face subparallel core (slick on sides to 36.5 down dip direction)					
	Same 36.2-36.55					
	@ 38.5; minor shear fracture @ 10°					
	From 41.0; unaltered fractures @ 70° common					

DIAMOND DRILL RECORD

PROPERTY VINY

HOLE No. DDH 81-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. <u>DDH 81-4</u> Sheet No. <u>#3 of 5</u>	Lat. _____	Total Depth _____
Section _____	Dep. _____	Logged By. <u>R. Wells</u>
Date Begun _____	Bearing _____	Claim _____
Date Finished _____	Elev. Collar _____	Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	@ 42.35; subparallel shear fracture (traces native Cu.)					
	@ 42.9; subparallel shear fracture @ 10°					
	@ 43.7; subparallel shear fracture @ 12°					
	contains 0.5cm calcite in fill.					
	@ 45.1; subparallel shear fracture @ 5°					
	47.8-48.0; brecciated & bleached (traces native Cu.)					
	48.0-51.4; shear fracturing 5° to subparallel core, occasional native copper .01% volume on shear faces, traces azurite. Some altering (pink) of feldspars.					
	From 53.5-83.51; grey, virtually unaltered, * moderate magnetism, occasional calcite fracture fills (0.4cm max.) subparallel core, fracture generally @ 60°-70°					
	@ 65.45; 10cm containing 0.4cm fracture fill of calcite @ 50°, traces fine disseminated pyrite					
	@ 74.65; 2cm calcite fracture fill @ 50°					
	@ 79.75; 0.4cm calcite fracture fill @ 30°					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. DDH 81-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-4 Sheet No. #4 of 5 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By R. Wells
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	few specks native copper					
	From 83.51; some variable alteration begins (pinkish hue to stained feldspars). Unaltered fractures @ 60-70°					
	83.51-85.04; red altered "porphyry", some bleaching near fractures, some calcite. Traces native copper associated with a few fractures @ 5-15°					
	87.9-88.5; some brecciation, selective bleaching, 10cm light grey gouge & calcite @ 15-20°, traces native Cu. (fine disseminations on fracture faces)					
	88.5-89.75; pink altered, chloritized fractures at 5-15°, traces associated native copper					
	91.0-93.6; sheared, brecciated, bleached @ 30-40°, traces native copper					
	@ 97.2: 3cm calcite filling (shear?) @ 15°					
	@ 99.1: 10cm shearing (bleached and chloritized? or mushed feldspars) @ 27°					
	102.8-105.7; rock is very broken due to a few parallel to subparallel breaks (some					

DIAMOND DRILL RECORD

PROPERTY VINY

HOLE No. DDH 81-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-4 Sheet No. #5 of 5 Lat. _____
 Section _____ Dep. _____ Total Depth _____
 Date Begun _____ Bearing _____ Logged By R. Wells
 Date Finished _____ Elev. Collar _____ Claim _____
 Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	shearing)					
	106.3-107.5; some bleaching & brecciation,					
	shearing, red stained portions, traces					
	native copper on fracture fills					
106.3-129.23	ALTERED "PORPHYRY"					
	- Variable pink-reddish (staining of the feld-					
	spars possible henlandite), chloritized					
	mafics, bleaching near fractures, some					
	fractures, some fractures 5-15° containing					
	0.2- 0.4cm calcite frequently, occasional					
	traces native copper.					
	@ 108.0; traces native copper on fracture face					
	@ 40°					
	114.85-116.7; bleached, pale green, some					
	shearing, some brecciation, few 0.4 cm					
	size splotches black sooty mineral con-					
	taining minute specks native Cu.					
	118.55-118.95; bleached, extensive fracture					
	filling of white calcite					
	129.23 (424 ft) END OF HOLE					
	<i>R. Wells</i>					

DIAMOND DRILL RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-5

DIP TEST		
	Angle	
Footage	Reading	Corrected
	- 60°	

Hole No. DDH 81-5 Sheet No. 1 of 8

Lat. _____

Total Depth 176.8m (580ft)

Section _____

Dep. _____

Logged By B. T. MULOIN

Date Begun _____

Bearing 270° (w-60°)

Claim VIMY #100

Date Finished _____

Elev. Collar _____

Core Size BQ

DEPTH METRIC	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Ag		
0-9.24	OVERBURDEN: Including 0.1m cobble of granodiorite	4090	103	101		
9.24-11.25	Red altered granodiorite with black leuses or fracture fillings approximately at 60° to core axis, numerous fractures breaking core roughly at 10cm intervals, blebs and thin leuses of specular hematite approx. 0.1%, limonite on fractures granodiorite alteration is to platy green minerals, either chlorite or talc, and kaolinization of feldspars. Very occasional fine blebs native copper in trace amounts also possible cuprite, a cochineal red rounded bleb.	4091 4092 4093	112 103 105	102 101 102		
11.25-12.0	INTENSELY brecciated red altered granodiorite similar to 9.24 to 11.25 but 30% to 40% kaolin limonite and green chlorite clay between harder clasts and grains, fractures not developed as material is too soft. SOME malachite stains at 11.25 and very trace amounts native copper, specular hematite to about 0.1%. At 11.7 course calcite crystals of about 1cm.					

DIAMOND DRILL RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-5 Sheet No. 2 of 8 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

176.8
 Total Depth 178.6m
 Logged By B.T. MULOIN
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
12.0-16.5	<p>RED altered granodiorite as in 9.24 to 11.25</p> <p>FROM 12.4 to 12.6 highly ruptured calcite vein</p> <p>FROM 12.9 to 13.1 kaolinized gouge zone with coarse 3 to 4mm quartz grains.</p> <p>OPEN fractures throughout at average 10cm interval and 50° to 70° to core axis coated with limonite or jarosite and very occasional malachite occasional minute grains of native copper. Bands of specular hematite on joints of approximately 2mm to 1cm at 13.9, 14.05, 14.4, 14.6m with increased amount of native copper in these lenses by a factor of 5.</p> <p>FROM 14.7 to 16.5 highly fractured zone with gouge patches (kaolin, talc) approximately 50%. Slickensides in soft ochre seen on cleavages at 40° to core axis, brecciated calcite vein at 16.26 of about 3cm width.</p> <p>Parallel fractures about 1mm cemented with calcite.</p>					
16.5-18.5	<p>TRANSITION: in granodiorite, slightly more consolidated material, less effects of surface</p>					

DIAMOND HOLE RECORD

PROPERTY VIMY PROPERTY.....

HOLE No. D.D.H. 81-5.....

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-5 Sheet No. 3 of 8 Lat.
 Section Dep.
 Date Begun Bearing
 Date Finished Elev. Collar

Total Depth 176.8m
 Logged By B.T. MULOIN
 Claim VIMY # 100
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	WEATHERING. Coloration change - red is decreased and limited to consolidated material with dark green grey reaction rims around fracture zones. Increase in specular hematite to 1% with associated bornite less than 1%.	4094	116	142			
18.5-19.0	AS in 16.5 to 18.5 but specular hematite is about 20% with 1% bornite associated with bright forest green mineral, probably on alteration mineral. This area terminated by a 2cm gouge zone of purple red colour at 90° to its core axis.						
19.0-25.7	GRANODIORITE - patches of red altered material from 30% to 50% mostly a dark green grey colour. Increase in competence with joints at about 20cm intervals.	4095 4096 4097 4098	101 100 111 155	122 104 105 113			
	Thin lenses and patches of specular hematite with a 5cm zone of intense concentration at 21.8.						
	Generally trace amounts of native copper, very occasional blebs to 2 to 3mm of disseminated native copper in sooty blackmass (chalcocite?)						

DIAMOND HOLE RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-5 Sheet No. 4 of 8

Section _____

Date Begun _____

Date Finished _____

Lat. _____

Dep. _____

Bearing _____

Elev. Collar _____

Total Depth _____

Logged By B.T. MULOIN

Claim _____

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	A _g			
25.7-30.5	GRANODIORITE - shearing and alteration zone, the intensity increases from 25.7 to 26.5 which is center of area of fracturing also of native copper mineralization with copper increasing to this 7 to 8cm zone of 3% - 4% in earthy mass of limonite and breccia. After 26.5 the copper drops off. Secondary centers of fracturing and alteration at 27.0, 27.4, 28.3, 29.2. Disseminated native copper in trace amounts throughout. Specular hematite in occasional small blebs, probably it has been altered to limonite or jarosite.	4099	13	03			
		4100	13	03			
30.5-34.5	RED altered granodiorite with fracture interval of 7 to 8cm average, green grey earthy fracture zone at 30.7 to 31.1. Specular hematite in stringers 1 to 2mm at 30.6 and in earthy masses at 31.1. Greenish grey earthy altered zone again at 33.3 From 33.7 on an increasing amount of bornite as small blebs less than 1% with associated specular hematite.	4101	18	02			
		4102	18	03			

DIAMOND HOLE RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-5 Sheet No. 6 of 8
 Section.....
 Date Begun.....
 Date Finished.....

Lat.....
 Dep.....
 Bearing.....
 Elev. Collar.....

Total Depth.....
 Logged By B.T. MULOIN
 Claim.....
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu	Ag		
41.2 - 50.3	ALTERED granodiorite, red from 41.2 to 41.5 and	4106		Tr	.02		
	44.7 to 46.3, the rest is green grey coloured	4107		.02	.07		
	due to chloritization and leaching.	4108		.04	.03		
	FROM 41.5 to 42.1 a breccia zone cemented with	4109		Tr	.03		
	a dark resistant mineral probably amphibole,	4110		Tr	.03		
	Fine grained with 1mm calcite stringers ce-						
	menting fractures. Breccia cemented with						
	black mineral at 45.9 to 46.0, 49.1 to 49.6						
	and 49.8 to 50.0.						
	EARTHY kaolinized breccia zones from 42.5 to 42.7						
43.8 to 44.3 and 47.0 to 47.25 very occasional							
trace small blebs bornite and cuprite.							
At 47.0 a 1 to 2cm calcite vein with occasional							
fine specs of chalcopyrite note: native copper							
specs bound with grease and sticking to core.							
50.3 - 61.0	EARTHY kaolinized breccia zone with sections of	4111		.03	.08		
	harder red altered granodiorite in it at 51.3	4112		.03	.03		
	to 51.8, 52.7 to 53.1, 54.3 to 54.8 and 56.7	4113		Tr	.04		
	to 57.0 - no visible copper.	4114		Tr	.02		
61.0 - 83.8	CONTINUATION: of previous zone of earthy kao-	4115		Tr	Tr		
	linization breccias interspersed with red	4116		Tr	Tr		

DIAMOND DRILL RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-5

DIP TEST		
Angle		
Footage	Reading	Corrected

Hole NDDH 81-5 Sheet No. 7 of 8
 Section _____
 Date Begun _____
 Date Finished _____

Lat. _____
 Dep. _____
 Bearing _____
 Elev. Collar _____

Total Depth _____
 Logged By B. T. MULOIN
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	altered granodiorite From 62.5 to 64.0 and 65.2 to 68.6. This is a highly fractured rock with few pieces of length greater than 10cm. Visible spec. bornite at 62.9 possible fine disseminated cuprite at 63.5. A red metallic lustre mineral finely disseminated in chlorite fraction of core in trace amounts. Subtle azurite paint on joint at 72.8. Possible cuprite throughout in trace amounts.					
83.8 - 86.6	RED altered granodiorite, fairly competent rock with fractures at 25% to core axis common, less cuprite? in core.					
86.6 - 98.8	BRECCIA with kaolin chlorite slicken sided zone. Fault gouge intermixed with competent altered granodiorite. Fine grained disseminated metallic.					
86.6 - 98.8	BLACK mineral, apparently cubic crushes to red. This area seems to have increased kaolinization of feldspars. At 89.3 red ochre zone, 90.6 chloritic zone, 92.0 a 2cm band of dark disseminations mineral possibly metallic.					

DIAMOND HOLE RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-5 Sheet No. 8 of 9

Lat. _____

Total Depth _____

Section _____

Dep. _____

Logged By B. T. MULOIN

Date Begun _____

Bearing _____

Claim _____

Date Finished _____

Elev. Collar _____

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	FROM 93.7 to 95.6 altered granodiorite red						
	to 94.5 green after broken to 5cm lengths.						
	Native copper disseminated in trace amounts.						
	97.0 limonitic gouge zones with microscopic						
	size cuprite? and native copper in trace amounts						
101	Trace of bornite - disseminated magnetite.						
	FROM 100 metres on.						
105.5	LIMONITIC GOUGE ZONE.						
107 - 107.3	GOUGE ZONE						
107.8 - 108	GOUGE ZONE, fracture interval has a median value						
	of 10cm						
113.7 - 114.1	GOUGE ZONE						
117.7 - 117.9	GOUGE ZONE, decreasing amount of the red mineral						
	possibly cuprite						
123.6 - 123.8	LIMONITE gouge zone						
126.3 - 126.9	LIMONITE gouge zone						
128.2	5cm chloritized gouge zone						
129	5cm limonite gouge zone						
129.5	5cm chlorite gouge zone. Overall still an						
	altered chloritized granodiorite noticeably						
	magnetic - the mineral through to be cuprite						

DIAMOND DOLL RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-5 Sheet No. 8 of 8 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

Total Depth _____
 Logged By B.T. MULOIN
 Claim _____
 Core Size BQ

B.T. MULOIN

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	is not as red, possibly hematized magnetite probably not cuprite.					
132.0	5cm gouge zone					
132.3	5cm gouge zone					
133.5 - 133.9	GOUGE zone, kaolin and chlorite fractures every 5 to 10cm with calcite on surfaces.					
137.2 - 150.6	GRANODIORITE - fractures chloritized, slightly magnetic, decreased alteration. Suspect that metallic minerals in core are specularite and magnetite. When scratched gives brown red of specularite, ie pseudomorph after magnetite.					
153.2 - 153.6	BRECCIA zone with chloritized gouge.					
155.4 - 155.8	CHLORITIZED gouge in breccia					
157.3 - 157.8	CHLORITIZED gouge in breccia					
164.7 - 166.7	CHLORITIZED gouge in breccia					
167.3 - 169.7	CHLORITIZED GOUGE in breccia					
169.7 - 176.8	GRANODIORITE- grey fracturing in lengths of 10-20cm, chlorite on fractures - visible blebs magnetite to 2mm.					
	END OF HOLE 176.8					

DIAMOND WELL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-6

DIP TEST		
Footage	Angle	
	Reading	Corrected
0	-60°	-60°

Hole No. DDH 81-6 Sheet No. #1 of 7

Section: _____

Date Begun MAY 1981

Date Finished MAY 1981

Lat. _____

Dep. -60°

Bearing 270°

Elev. Collar _____

Total Depth 164.59m (540')

Logged By R. WELLS

Claim VIMY 100

Core Size BQ

% RECOVERY: 84.4%

METRIC DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 16.0m	OVERBURDEN					
16 - 41.3m	M.G. - C.G. GRANODIORITE (CHATTAWAY)					
	- salt & pepper grey (to pale pink), 70% semi-consolidated (regalith appearance)					
	- mafics 15-20% variably chloritized & altered to platy minerals (sericite...)					
	- feldspars at times stained pink, occasional epidote					
	- moderate (at times strong) magnetism					
	- some limonite/hematite related to occasional sheared areas.					
	20.0 - 26.0; some evident shearing					
41.3 - 52.7	TRANSITION ZONE (GUICHON)					
	- transition from c.g. to m.g. to f.g. leucocratic granodiorite					
	- some bleaching, some hematite/ limonite stained areas, some shearing evident					
	41.6 - 44.0; brecciated zone, frequent clayey gouge, some shears					
	49.1 - 52.7; shear zone: semi-consolidated 50%					

DIAMOND HOLE RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole Noddh 81-6 Sheet No. #2 of 7
 Section: _____
 Date Begun MAY 1981
 Date Finished MAY 1981

Lat. _____
 Dep. _____
 Bearing _____
 Elev. Collar _____

Total Depth 164.59m (540')
 Logged By R. WELLS
 Claim _____
 Core Size BQ
 % RECOVERY 84.4%

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	bleached zones contain blebs of specular hematite					
52.7 - 68.0	ALTERED F.G. GRANODIORITE - fine grained, leucocratic, very red staining of the feldspars, mafics 5%-15% (chloritized) some bleaching, occasional blebs hematite, slip surfaces common. from 60.0; occasional blebs of bornite, slight increase in specular hematite (as thin irregular fracture fills)					
	65.5-70.0; frequent shearing and brecciation, bleaching & kaolinization. Irregular hair fractures and blebs of bornite, some chalcopyrite, possible occasional No inshear gouge areas.					
68.0-74.5	BLEACHED LEUCOCRATIC GRANODIORITE - pale grey (slight greenish hue-saus. feldspars) - composition: feldspar & quartz, 5% chloritized mafics, some sericite, some brecciated					

DIAMOND WELL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-6 Sheet No. #3 of 7 Lat. _____
 Section _____ Dep. _____
 Date Begun MAY 1981 Bearing _____
 Date Finished MAY 1981 Elev. Collor _____

Total Depth _____
 Logged By RAY WELLS
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	and kaolinized soft parts.					
	@ 71.0; possible Mo (grey mineral in gouge)					
	From 71.0-72.5; increased bornite -0.5% cu, some associated chalcopryrite and pyrite (?) as irregular fracture fills.					
<u>74.5-81.0</u>	<u>PINK ALTERED GRANODIORITE</u>					
	- Typical, pink stained feldspars, chloritized mafics, brecciations are healed with dark green chloritic infilling (possibly of volcanic origin). Erratic bits of associated bornite -0.2% cu(?). Some fractures @ 45°-60°					
	@75.55; 2 cm massive specular hematite & dark green invading material mixed.					
	@76.3; 0.5cm bornite rich irregular dark green invading (volcanics)(?), contains bits of chalcopryrite.					
	From 79.0-81.0; 0.3-0.4% Bornite as irregular filling associated with the dark green invasions.					

DIAMOND HOLE RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-6...

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-6 Sheet No. #4 of 7 Lat.
 Section Dep.
 Date Begun Bearing
 Date Finished Elev. Collar

Total Depth
 Logged By
 Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
81.0 - 93.5	BLEACHED LEUCOCRATIC GRANODIORITE . -very fine grained, sericite, saus. feldspars and quartz -2% mafics but variably 5-20% volume portions of dark green invasions -pale buff color, variably brecciated & healed with dark green (aphanitic, altered, chloritic invasions. -variable % bornite (0.1-0.3% cu) associated with the invading material - erratic dis- positions usually associated with fracture filling & blebs						
	81.8-83.4; brecciated, some clay gouge @83.0 possible Mo in gouge						
	89.3-90.5; brecciated, some clayey gouge						
93.5-121.5	BRECCIATED LEUCOCRATIC F.G. GRANODIORITE -80% breccia (=f.g. leucocratic pale pink to white granodiorite invaded by & healed with a dark green - black aphanitic chloritic material of variable 2%-10% volume, breccia						

DIAMOND WELL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-6 Sheet No. #5 of 7 Lat. _____
 Section _____ Dep. _____ Total Depth _____
 Date Begun _____ Bearing _____ Logged By R. WELLS
 Date Finished _____ Elev. Collar _____ Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	FRAGMENTS FREQUENTLY 0.5-2.0CM SIZE) Few					
	10-20cm portions re-brecciated containing semi-					
	consolidated "gouge"					
	-leucocratic gd consists of f.g. quartz -					
	feldspars					
	-sericite, some bleaching, 1% chloritic					
	mafics (altered hornblende)					
	-non-magnetic, occasional blebs specular					
	hematite, some calcite on some fracture					
	faces.					
	-occasional traces bornite, rare chalcopyrite					
	@95.5; 1 cm splotch bornite near shear in					
	(bornite appears to be post brecciation;					
	associated with subsequent shears/fractures)					
	@107.0; bit of bornite on 45° shear with grey					
	gouge					
	From 108-114; frequently 50% semi-consolidated					
	From 110.5-119.5; 20% black (some dark green)					
	invading material, leucocratic fragments					
	are more altered (seritic, saus. feldspars,					
	slight epidote staining)					

DIAMOND WELL RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. _____ Sheet No. #6 of 7 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By R. WELLS
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
121.5-145	LEUCOCRATIC GRANODIORITE					
	-pale green leucocratic, some bleaching, sericitic, fine-grained, variable erratic fracture fills specular hematite - at times 1%-3% volume, kaolinization (feldspars to calcite & sericite & clay minerals) The bleaching is typically most intense near sheared areas.					
	-quite calcareous (occasional white fracture fills of calcite), chloritized mafics					
	121.5-129.0; frequently sheared & brecciated, altered pale green sericitic gouge. Contains some f.g. disseminated blebs chalcopryrite associated with blebs specular hematite (few specs bornite)					
	@134.7; small splotches chalcopryrite & specs of bornite & a dark mineral (0.2cm size) over 30cm (o.2% cu?)					
	@137.7; 4cm fracture fill irregular white calcite					
	From 136 on; 50% brecciated (ie. Fragments					

DIAMOND WELL RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-6 Sheet No. #7 of 7 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

Total Depth _____
 Logged By R. WELLS
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	surrounded by soft pale green sericitic gouge, few shears, trace chalcopyrite.					
	Lower portions; gradual increase in chloritized mafics & gradual transition into "pink altered Gd"					
145-164.59	PINK ALTERED Hb. Gd. -some what altered, mafics -5%(some chlori- tization) staining of feldspars (heulandite?) some weak fractures @ 30°-70°, trace amounts (small blebs) chalcopyrite, 1% blebs spec- ular hematite					
	158.9-162; some shearing & brecciation, very broken					
	END OF HOLE 164.59m (540')					
	<i>R. Wells.</i>					

DIAMOND HOLE RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole NDDH 81-7 Sheet No. 1 of 5 Lat. _____
 Section _____ Dep. _____
 Date Begun MAY 29, 1981 Bearing 270° (2-60°)
 Date Finished _____ Elev. Collar. _____

Total Depth 164.6 m (540 ft.)
 Logged By B.T. MULOIN
 Claim VIMY 100
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0 - 37.8	OVERBURDEN: Possible stream channel - esker on top deep overburden						
37.8 - 85.3	RED oxidized Guichon variety granodiorite medium grained - no magnetite in it to 58m where one 1/2cm splotch is present and then beyond there is no magnetite to 73m, end of zone of oxidation of Fe ₃ O ₄ to Fe ₂ O ₃ 1, after which it is weakly disseminated. Specularite is widely spread throughout mostly associated with chlorite sericite knots. Fine grained specs possibly confusable with chalcocite.						
53.3	From 53.3 to 53.7 bands of specular hematite one of 8cm and another 1cm @ 60° to the core axis preceding this zone from about 50m on some fine disseminated bornite to this specularite zone (57.5), less than 0.01% cu						
65	Traces bornite around 57.5, 64.5, 65.5. At about 65.0 possible argentite within this zone of weak mineralization that includes a trace of						

DIAMOND DRILL RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 81-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-7 Sheet No. 2 of 5

Lat. _____

Total Depth _____

Section _____

Dep. _____

Logged By B. T. MULON

Date Begun _____

Bearing _____

Claim _____

Date Finished _____

Elev. Collar _____

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	chalcopyrite at 65.5 associated with a thin fracture at about 60° to the core axis. At 73m blotchy blebs of specularite and magnetite					
	From 75m to 80m very occasional specs of chalcopyrite.					
	The mafic minerals throughout are altered to chlorite and sericite with occasional books of biotite 1-2mm replaced by chlorite sericite probably original mafics were amphiboles they show somewhat of a blotchy distribution					
	around patches of 3 to 4mm of mafics					
	Surface weathering is evident to 58m where core recovery picks up lots of limonite and kaolin gouge and small pieces of gravel to this point. Oxidation to red colour throughout to 85.3 but after 64.0 it isn't continuous, patches red 70m to 82m in grey green background.					
	BRECCIA fault zones; 54.5 to 55.5 - gouge					
	59.5m to 68.5m					
	77.6m to 78.9m					

DIAMOND WELL RECORD

PROPERTY

HOLE No.

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. Sheet No. 3 of 5 Lat. Total Depth
 Section Dep. Logged By
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	and at 85.0					
	At 58.3; Fracture plain 1mm wide at 35° to core axis. Filled with epidote, chlorite, specularite has secondary stringers that grade into quartz stringers away from primary fractures.					
85.0 - 161.1	Medium grained granodiorite of the Guichon variety intermittent red oxidation and grey green in oxidized granodiorite.					
	Red oxidized granodiorite: 86.6 to 100.6 and 113.0 to 127.0					
	THE grey green granodiorite is due to chlorite sericite alteration of the mafics and kaolinization of the euhedral (lathlike) ^{Feldspars} - K ⁺ spar is present to 10-15% and alters to a buff brown and is interstitial to the plagioclase and quartz 20-30%					
	MINERALIZATION: occasional magnetite blebs - probably partially altering to specularite, very occasional chalcopyrite and bornite or chalcocite associated with mafics blotches.					

DIAMOND HOLE RECORD

PROPERTY

HOLE No.

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 4 of 5 Lat. Total Depth.
 Section. Dep. Logged By.
 Date Begun. Bearing. Claim.
 Date Finished. Elev. Collar. Core Size.

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	-calcite veins as fillings in fractures						
	possibly 2 generations or types:						
	(1) clear calcite - some pale pink rhodochrosite						
	coloring at about 40° to core axis @ 88m,						
	91.6, 99.3, 147, with numerous thin examples						
	(1 to 2mm)						
	(2) calcite centers with chlorite, epidote						
	(white coloured, so probably its relative zoisite)						
	margins seem to occur at 10° to 15° to core						
	axis @ 94.5, 103.3, 112.9, 118.7, 129.4, 145.0						
	Overall this is competent rock high core recovery						
	core lengths to 20 to 30cm.						
	Breccia and gouge zones - no limonite but						
	kaolinized from 88.5 to 88.6						
	97.5 to 97.7						
	105.0 to 105.2						
	107.9 to 109.0						
	112.7 to 113.3						
	115.8 to 116.0						

K alteration

DIAMOND HOLE RECORD

PROPERTY VIMY

HOLE No. D.D.H. '81-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-7 Sheet No. 5 of 5 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

Total Depth _____
 Logged By B. T. MULOIN
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
147.8 - 164.6	Guichon variety granodiorite as previous with magnetite in association with the small 2-3mm mafic blotches, mostly amphiboles that are chloritized, some primary biotites. Overall it is a light grey green colour some freckly redish tints. Reasonably competent rock with joint 20-30cm common. - joint fillings are epidote and chlorite from 149.2 to 150.0 a strongly fractured area with core pieces 2-3cm size and thick to 1cm chlorite filled joints. From 150m on there is noticeable amounts of copper to about 0.2% in the form of finely disseminated native copper, chalcopyrite, possibly chalcocite and even stringers of bornite seemingly associated with the mafics in the core					
	<u>END OF HOLE 164.6m</u>					

[Handwritten Signature]

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-8

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-8 Sheet No. Lat. Total Depth 140.2m-460ft.
 Section Dep. Logged By BT MULOIN
 Date Begun JUNE 8, 1981 Bearing 270° (α=45°) Claim VIMY 100
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0- 24.3	OVERBURDEN						
24.3- 50.7	Highly weathered Guichon variety granodiorite where clasts of granodiorite are unweathered they are medium grained light green grey with clusters of chloritized amphiboles and some magnetite also some primary biotite books. Epidote is present as interstitial small crystals. Overall the core is of red coloration due to the oxidation of the iron to hematite limonite and possibly jarosite. Kaolin and probably other clay minerals including chlorite is the main weathering product. Breccia zones are evident but because of their mixed clay and hard clast to coarse sand are a weathering feature due to slumping of the ground mass. At 22.5 there is a primary breccia cemented with calcite of about 20cm length. From 49m on native copper to about 0.1%						
50.7- 61.0	Red altered Guichon variety granodiorite similar to the preceeding section but less heavily						

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-8

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-8 Sheet No. 2 of 2 Total Depth 140.2m-460ft.
 Section Dep. Logged By BT. MULOIN
 Date Begun JUNE 8, 1981 Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	weathered, feldspars are altered to red colour, and less magnetite. Calcite fillings in fine fractures -several fractures are marked by a 1cm zone of chlorite on both sides -breccia zone 52.5 to 53.3 native copper @ 0.2% to 52.0m, then less than 0.1%on						
61.0-140m	Guichon variety granodiorite showing colour alteration of the feldspars for its whole length, that is saussitorization and oxidation accessory minerals to this are chlorite and epidote throughout occasional kaolinization or K alteration at:						
	61.0 to 63.0						
	68.0 to 75.0						
	85.6 to 90.0						
	104.0 to 119.0						
	A calcite vein 3cm wide @ 70° to the core axis at 78m. Throughout the hole are dark coloured schorl, chlorite fracture fillings.						
	140.2m END OF HOLE						

[Handwritten Signature]

DIAMOND HOLE RECORD

PROPERTY VIMY PROPERTY

HOLE No. D.D.H. 9

DIP TEST		
Footage	Angle	
	Reading	Corrected
0	45°W	

Hole No. DDH 9 Sheet No. 1 of 3
 Section _____
 Date Begun _____
 Date Finished _____

Lat. _____
 Dep. _____
 Bearing 270° (α-45°)
 Elev. Collar _____

Total Depth 141.1 m (463 ft.)
 Logged By BRYAN MULCIN
 Claim VIMY 100
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 12.3	COVERBURDEN					
12.3 - 36.0	Altered medium grained granodiorite, probably of the Guichon variety - ie mafics are in small blots - plagioclase feldspars are reddish coloured to 18cm but mainly altering to kaolin. Mafic blots probably were originally hornblende but now are chlorite with specular hematite associated. It is possible that the hematite was originally magnetite as some magnetite remains, this being the case the hematite is the variety martite. Occasional thin calcite stringers through core - Brecciated and highly fractured.					
36.0 - 39.5	Guichon variety granodiorite - not brecciated not strongly altered - Feldspars are unchanged, chlorite alteration with magnetite after hornblended.					
39.5 - 46.5	Breccia zone with talc on fracture surfaces, a short section from 43.6 to 44.8m is unbrecciated					

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 9

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 9 Sheet No. 3 of 3
 Section.....
 Date Begun.....
 Date Finished.....

Lat.....
 Dep.....
 Bearing.....
 Elev. Collar.....

Total Depth.....
 Logged By BRYAN MULOIN
 Claim.....
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
71.5 - 73.5	Plagioclase of white milky colour cleavage faces show slickensides and calcite coatings.					
73.5 - 100.0	Highly altered granodiorite - gouge common throughout composed of talc chlorite, kaolinoid limonite stains occasionally - All the magnetite is oxidized to hematite (martite). Numerous hairline fractures with calcite fillings. Visible chalcopyrite at 77.5 and 77.8. Brecciated with resistant clasts of granodiorite in a matrix of gouge common throughout.					
100.0 - 141.1	Volcanic Breccia - composed of coarse clasts of porphoritic dark grey andesite and Guichon variety granodiorite to 20cm diameter in a ground mass or matrix of andesite.					
141.1	<u>END OF HOLE</u>					

B. S. Muloin

DIAMOND HOLE RECORD

PROPERTY VIMY

HOLE No. D.D. H. 81-10

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	45°E	

Hole No. DDH 81-10 Sheet No. 1 of 5

Lat. 3466 N

Total Depth 155.4 m. (510 ft.)

Section _____

Dep. 0130 W

Logged By B.T. MULOIN

Date Begun _____

Bearing 090° (α-45°)

Claim VIMY 100

Date Finished _____

Elev. Collar _____

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
6.0	<p>Guichon variety grandiorite relatively unaltered, the mafics are turned to chlorite and often have magnetite or martite inclusions of equal dimensions. In the resistant material thin fractures are often filled with finely crystalline epidote and very occasional chalcopyrite, which also occurs sparingly as disseminated specs, overall copper content is less than 0.1%. Overall this is a medium grained grey hypidiomorphic granular rock though the thin fractures bleach whiter. Resistant sections are separated by breccia fracture zones. There is a labelling error at the start of this hole. From 6.0 to 6.1 there is 1.5 meters of sound core.</p>	Guichon	Guichon			
6.7 - 24.4	From 6.7 to 24.4 there is breccia.					
30.5	@ 30.5 a noticeable increase in copper content is seen, in the form of finely disseminated chalcopyrite and native copper, but					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-10

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. DDH 81-10 Sheet No. 2 of 5

Section _____

Date Begun _____

Date Finished _____

Lat. _____

Dep. _____

Bearing _____

Elev. Collar _____

Total Depth _____

Logged By B.T. MULOIN

Claim _____

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	still in the 0.1% range.					
39.0 - 39.5	From 39.0 to 39.5 there is another increase in chalcopyrite, bornite and one thin slip of molybdenite still less than 0.1%.					
47.5 - 53.2	There is a prominent breccia and gouge zone.					
56.4	@ 56.4 and 55.6 there are minor specs of chalcopyrite.					
	@ 57.9 there are minor specs of chalcopyrite with a spec of molybdenum.					
	Also specs of chalcopyrite @ 58.3; 61.3; 63.1 and 63.5. A spec of bornite was also seen at 63.1. The core remains consistently the same reasonably sound material and the plagioclase is noted to be of a pale green colour with freckly pink in it, though overall the colour is grey.					

colour altered to pink 28/10

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-10

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-10 Sheet No. 3 of 5

Lat. _____

Total Depth _____

Section _____

Dep. _____

Logged By B.T. MULOIN

Date Begun _____

Bearing _____

Claim _____

Date Finished _____

Elev. Collar _____

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
64.5 - 65.0	From 64.5 to 65.0 several specs of chalcopyrite are visible.					
76.2 - 76.8	From 76.2 to 76.8 the grain size coarsens and is terminated by a gouge zone.					
80.8	@ 80.8 this again appears to happen and is probably related to pegmatitic process.					
81.6	@ 81.6 a fracture surface is coated with sooty molybdenite.					
92.0	Generally there is an increase in chalcopyrite. From 92.0 on through the core appears unchanged. Overall the copper content is still less than 0.1%.					
114.5 - 115.3	@ 114.5 to 115.3 there is a folded knot of gouge material with red iron oxide in it.					
129.6 - 131.3	At 129.6 a visible change occurs, coarse					

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-10

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-10 Sheet No. 4 of 5
 Section _____
 Date Begun _____
 Date Finished _____

Lat. _____
 Dep. _____
 Bearing _____
 Elev. Collar _____

Total Depth _____
 Logged By B.T. MULOIN
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	biotite books, to 2mm indicate a phase change. Mineralogically there is little change other than this being coarser - possibly this is border of Chataway variety granodiorite - no visible copper, magnetite in biotite books.						
131.3 - 133.3	Strong parallel shears filled with chloritic gouge in a mixture - fine grained granodiorite 131.3 to 132.5 then coarse as 129.6 to 131.3. From 132.5 to 133.0 then gouge zone with a few clasts tumbled in it terminated at 133.3 by a thin lcm chlorite zone.						
133.3 - 134.5	Dark green plagioclase rock, very little mafics present, no magnetite, occasional martite pseudomorphs. Probably because of the darker colour this plagioclase has more sodium in it, more anorthitic in composition						
133.3 - 134.5	On this basis a tentative name for this rock unit is anorthite, fairly competent rock with thin calcite cemented fractures.						

} colour alteration caused by pyrite

DIAMOND HILL RECORD

PROPERTY

VIMY

HOLE No. D.D.H. 81-11

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-11 Sheet No. 1 of 9

Lat. _____

Total Depth 296.2 m (974 ft.)

Section _____

Dep. 296.27m; 974 ft.

Logged By B.T. MULOIN

Date Begun _____

Bearing 360° (ω-45°)

Claim VIMY 100

Date Finished _____

Elev. Collar _____

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
14.3 - 16.8	LIMONITIC guichon variety granodioritic - the limonite is a surface weathering effect, though the core is fairly competent rock with fractures every 10 cm.						
16.8	Red oxidized guichon variety granodiorite - reasonably competent rock.						
22.0 - 24.7	From 22.0 to 24.7 a daolinized breccia zone with a large bleb 0.7 cm bornite at 24.5m. There seems to be no magnetite through these sections.						
33.1	There are a couple of stringers of bornite at 33.1 and 35.7.						
39.5 - 40.4	At 39.5 a 2 cm band of specular hematite and again 39.9 and 40.4 m.						
40.6 - 40.9	From 40.6 to 40.9 there is a shattered milky white quartz vein containing disseminated specular hematite.						
41.3 - 47.0	From 41.3 to 47 a breccia zone with a sericitic lens. From 41.3 to 41.9, there is marked kaolinization.						

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-11

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-11 Sheet No. 2 of 9
 Section _____
 Date Begun _____
 Date Finished _____

Lat. _____
 Dep. _____
 Bearing _____
 Elev. Collar _____

Total Depth _____
 Logged By B. T. MULOIN
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
42.5 - 53.0	From 42.5 to 42.8m, the reddish coloration of this granodiorite is most intense from 46.0 to 53.0m which is the area of the most oxidation.					
61.7	There are occasional coarse magnetite blebs as at 61.7 where one is 0.5m.					
65.0	The red oxidized zone stops at about 65.0 and apparently does not contain significant copper. The granodiorite changes coloration and is buff to grey, some orangish feldspars.					
65.8	At 65.8 there are a couple of stringers of bornite associated with specular hematite.					
67.1	At 67.1 there is another bleb of bornite. As an estimate this core runs 0.2% copper and is associated with short gouge and breccia zones.					
69.5 - 70.4	From 69.5 to 70.4 there is a chloritized breccia zone. Bornite blebs at 69.6 and 70.4 with specular hematite at 70.5. Bornite stringers at 71.3, 71.8, 76.0, 76.7. The specular hematite in the stringers is associated with thin 2-3cm quartz veins at 71.0, 71.4, 73.2 and 74.6. The overall grade of copper must be 0.1 to 0.2%.					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-11

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-11 Sheet No. 3 of 9 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

Total Depth _____
 Logged By E.T. MULOIN
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
76.4 - 78.2	Breccia zone from 76.4 to 78.2 with a quartz vein from 77.3 to 77.7.					
78.2 - 85.5	Area of about 1% copper as the mineral bornite - numerous coarse blebs and stringers. The bornite mineralization is at right angles to the core while the specular hematite is in stringers at 30 to 50° to the core and in more than one set. This rock is fairly competent with 20cm long cores present. A 3cm quartz vein unmineralized at 82.1.					
85.5 - 104	From 85.5 on the granodiorite is redder and oxidized without either bornite or specular hematite present. A bleb of magnetite at 91.5 is 0.3cm wide. There are occasional other blebs of magnetite in mafic knots.					
101.0	At 101.0 the red granodiorite is crossed by a quartz vein and the lower edge is marked by 3mm of bornite bounding a fracture.					
101.8	"NOTE" At 80° the core, a stringer away from this fracture appears to carry silver at its end. At 101.8 a thin slip of possibly					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-11

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-11 Sheet No. 4 of 9

Lat. _____

Total Depth _____

Section _____

Dep. _____

Logged By B.T. MULOIN

Date Begun _____

Bearing _____

Claim _____

Date Finished _____

Elev. Collar _____

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
101.8	chalcocite on an 80° fracture.					
102.6	From 102.6 to 102.9 a lime and Kaolin gouge zone is the upper boundary of a lightly mineralized blue plagioclase zone that extends to 103.3 in this copper zone, less than 0.1% is in both bornite and chalcopyrite - bornite appears as an envelope around a small bleb of chalcopyrite.					
104.0	Generally the reddish colouration of the granodiorite is decreased and occasional minute specs of bornite and chalcopyrite to 0.1% copper are seen with specular hematite in mafic clusters.					
106.0	Filled fractures zones from 106.0 to 106.2 and 107.4 to 107.6 and 109.1 to 109.3 and 109.5 to 109.8 and 112.4 to 112.8. The copper content seems to gradually increase and is pronounced around the margins of thin fractures at 70% to 80% to the core axis, not on the fractures, the predominant mineral is bornite, in the area of 110m copper is possibly 0.3% to 0.4% and seems to hold this concentration level. It is very fine-grained and disseminated. The association					

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-11

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-11 Sheet No. 5 of 9 Lat. _____
 Section _____ Dep. _____ Total Depth _____
 Date Begun _____ Bearing _____ Logged By B. T. MULOIN
 Date Finished _____ Elev. Collar _____ Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	OF the bornite with the hematite makes for difficulty estimating the grade, although the grade is maintained at least 120m.					
120.4 - 121.9	Zone of blue plagioclase, quartz to 20%, no chlorite, hornblende or biotite; similar to the zone previously called an anorthite though this is evidently more sodic even though the feldspar is blue, the color is probably due to sauseritization - present in this zone is chalcopyrite. Finely disseminated there is a gouge zone from 121.5 to 121.6.					
121.9	Guichon variety granodiorite; bornite with minor chalcopyrite which is very finely disseminated throughout, there is some association with disseminated hematite. A few coarse blebs of bornite near fractures, it appears that mineralized fractures are at 70% to core; probable copper content 0.5%. Lost core 125.0 to 126.5. Possible molybdenite on slip at 124.6					
129.5	Breccia zone 129.5 to 129.9 marked by pink orthoclase at 129.5. Slip of molybdenum at 137.4					

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-11

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. DDH 81-11 Sheet No. 7 of 9

Section.....

Date Begun.....

Date Finished.....

Lat.....

Dep.....

Bearing.....

Elev. Collar.....

Total Depth.....

Logged By B. T. MULOIN

Claim.....

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	increasing with slips at 185.2, 190.3, 193.1, 195.2 and a patch of disseminated voly at 189.9 moly is up to about 0.3% though copper is down.						
200.0	Red oxidized granodiorite . A slip of molybdenite at 207.5 at 30° to the core axis. Occasional disseminated bornite associated with the chlorite knots; overall copper is less than 0.1% breccia zone from 221.0 to 222.0						
222.0	From 222.0 on the grade of copper increases with disseminated bornite and chalcopryrite to 0.2% to 0.3% copper.						
226.3	A series of thin quartz stringers at about 80° to the core 226.3 to 228.0.						
230.5	From 230.5 to 233.5 the grade is down to less than 0.1% copper.						
233.5	The grade picks up to 0.2% to 0.3% copper with a zone rich in chalcopryrite from 334.8 to 235.2 in a dark grey granodiorite.						
238.1	There is a breccia zone 238.1 to 239.0 that is poorly mineralized.						
239.8	At 239.8 a moly slip and again at 244.7.						

DIAMOND MILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-12

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. DDH 81-12 Sheet No. 2 of 10 Lat. Total Depth 204.2m
 Section Dep. Logged By B.T. MULOIN
 Date Begun JULY 28, 1981 Bearing Claim
 Date Finished AUGUST 10, 1981 Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
27.6 - 27.9	Gouge and breccia zone carrying fine disseminated native copper to 0.2 - 0.3% Cu.						
27.9	Guichon variety granodiorite as before weekly mineralized, several small breccia and gouge zones at 31.0, 32.0.						
41.0	At 41.0 there is a 3cm clay seam with the area around it to 0.5m away carrying Cu @ 0.1 - 0.2%.						
42.4 - 46.5	Further zones of breccia and gouge at 42.4 through to 45.7 have native copper to 0.2%. A dark grey mafic free zone from 45.7 to 46.5 has a large 2cm phenocryst of dark green plagioclase near 46.5 where a thin 10cm breccia and gouge zone is the boundary.						
46.5 - 47.2	Short breccia zone at both ends of this zone mark this section of core that is strongly green coloured feldspars with bornite to 0.3% in occasional large blebs dark stringers in the						

DIAMOND HILL RECORD

PROPERTY.....VIMY.....

HOLE No. D.D.H. 81-12.....

DIP TEST		
ANGLE		
Footage	Reading	Corrected

Hole No. DDH. 81-12 Sheet No. 3 of 10
 Section Dep.
 Date Begun JULY 28, 1981 Bearing
 Date Finished AUGUST 10, 1981 Elev. Collar
 Total Depth ^{204.} 192.2 m
 Logged By B. T. MULQIN
 Claim
 Core Size BQ.....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	center of this section parallel to the core.					
47.2 - 61.6	Red oxidized guichon variety granodiorite occasional fine disseminated bornite less than 0.1%.					
61.6 - 63.8	Breccia with kaolin and chlorite filling between clasts.					
63.8	Guichon variety granodiorite - pinkish grey coloration, reasonably fresh unaltered rock with disseminated octahedral magnetite and martite.					
67.9	At 67.9 a fracture with native copper disseminated finely over both surfaces.					
69.3	At 69.3 a mafic lens 3cm wide at right angles across core.					
79.9	Breccia zones From 79.9 to 80.5 and 82.6 to 83.1					

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-12

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. DDH 81-12 Sheet No. 4 of 10 Lat. Total Depth ²⁰⁴ 102.2m
 Section Dep. Logged By B.T. MULOIN
 Date Begun JULY 28, 1981 Bearing Claim
 Date Finished AUGUST 10, 1981 Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
83.5	At 83.5 some of the chlorite masses have interleaved chalcopyrite. The granodiorite is very poorly mineralized.					
92.0	The coloration is widely variable from green through oranges. From 92.0 to 93.0 it is a dark grey around a calcite stringer at 92.5 and at right angles to the core, near 92.9 there is a little chalco pyrite and again at 94.6 and 95.3. This is a very sound rock and must be giving 100 per cent core recovery. Very variable in colour variation greens, reds, oranges, common. The magnetite octahedra are completely altered to maritite. No visible copper.					
109.8	At 109.8 a dark anorthitic segregation is terminated by a calcite stringer 1cm wide then a gouge and breccia zone to 110.2.					
111.1	At 111.1 a 1cm mass of specular hematite hints at the proximity to copper mineralization.					

DIAMOND HILL RECORD

PROPERTY..... VIMY

HOLE No. D.D.H. 81-12

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-12 Sheet No. 5 of 10 Lat. Total Depth ²⁰⁴ 402.2m
 Section Dep. Logged By B.T. MULOIN
 Date Begun JULY 28, 1981 Bearing Claim
 Date Finished AUGUST 10, 1981 Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
114.2	From 114.2 to 121.9 a gouge and breccia zone, through this wide zone there are several horses of unbroken granodiorite.						
120.6	At 120.6 a 3mm stringer of specular hematite at 45° to the core axis again at 121.9 several thin stringers - this hematite is apparently of the same origin as the stringers seen with bornite in other holes but most remarkable is the lack of copper. It seems more uniformly distributed than where associated with bornite but in thinner wisps and occasionally in stellating blebs.						
124.5	At 124.5 a 1cm specularite band followed by two 1cm calcite stringers.						
126.2 - 130.0	A dark more calcic porphyrydiorite, or possibly a gabbro with no quartz - the porphyroblasts are pink plagioclase laths showing albite twinning and possibly zoning as though differentiating. The ground mass is green grey						

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-12

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-12 Sheet No. 6 of 10 Lat.
 Section Dep. Total Depth 204.2m
 Date Begun JULY 28, 1981 Bearing Logged By B.T. MULOIN
 Date Finished AUGUST 10, 1981 Elev. Collar Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	plagioclase, There are no pyroxenes, amphiboles, or micas visible, some rusty specs, possibly pyrite?						
130.4 - 130.8	Dark grey green plagioclase zone with out porphyroblasts.						
130.8 - 131.5	Porphyritic diorite contact with previous zone is a flow contact very distinct at 45° to core axis.						
131.5 - 133.3	Breccia zone in diorite and porphyry diorite several calcite stringers have bornite and chalcopyrite blebs and stringers. The mineralization looks like it preceeded the calcite with the calcite expanding previous fractures.						
133.3	Guichon variety granodiorite - abundant specular hematite of primary origin, not pseudo morphous after magnetite, occasional bornite and chalcopyrite - possibly chalcocite.						

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-12

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-12 Sheet No. 7 of 10
 Section Dep.
 Date Begun JULY 28, 1981 Bearing
 Date Finished AUGUST 10, 1981 Elev. Collar
 Total Depth ²⁶⁴ 402.2m
 Logged By B.T. MULOIN
 Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
139.8	At 139.8 a thin fracture with calcite and specular hematite, at right angles to the core.						
140.1	At 140.1 and 140.6 a series of fractures with a dark mineral, hornblende or tourmaline, primary specularite and quartz surrounded by orange alteration zones, angles vary from 30° to 70° to core axis.						
142.5	From 142.5 to 142.7 several thin stringers of primary specularite. A few specs of bornite at 144.2. There is epidote fractures as fillings and occasionally as blebs. Probably this is a marginal effect perimitering the specularite as a halo around the occurrence.						
150.6 - 152.9	From 150.6 to 152.9 there is a breccia zone.						
155.5	At 155.5 the core is noticeably magnetic, there is epidote at this point and further through the core.						

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-12

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-12 Sheet No. 8 of 10 Cat. Total Depth ²⁰⁴ 202.2m
 Section Dep. Logged By B.T. MULOIN
 Date Begun JULY 28, 1981 Bearing Claim
 Date Finished AUGUST 10, 1981 Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
156.4	At 156.4 a few specs of bornite.					
161.1	At 161.1 a thin stringer of chalcopyrite.					
163.1	At 163.1 a spec of bornite.					
167.0	At 167.0 a spec of bornite. This granodiorite has magnetic patches, and epidote throughout is more shattered and broken than previous to 130m. From 167 on primary biotite can be seen with the chlorite by about 174.0 the biotite disappears. The epidote stopped previous to 169.0m with only a small patch of epidote associated with a hornblende or tourmaline. Filling of a 1cm wide fracture at 45° to the core at 177.1.					
178.0	At 178.0 a thin fracture has chalcopyrite as a filling.					
180.8	At 180.8 there is a few small books of primary biotite.					

DIAMOND DRILL RECORD

PROPERTY.....VIMY.....

HOLE No. D.D.H. 81-12.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-12..... Sheet No. 9 Of 10 Lat.....
 Section..... Dep.....
 Date Begun JULY 28, 1981 Bearing.....
 Date Finished AUGUST 10, 1981 Elev. Collar.....

Total Depth 204.2 m
 Logged By B.T. MULOIN
 Claim.....
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
181.4 - 181.8	Lost core 181.4 to 181.8.						
182.2	Specs of bornite at 182.2 and 182.6.						
184.2	At 184.2 there is chalcopryrite in a thin quartz stringer at 30° to core axis.						
185.0	At 185 there is again some more epidote.						
190.3 - 194.1	From 190.3 to 194.1 a gouge filled breccia zone.						
194.5 - 196.1	From 194.5 on to 196.1 there are specs of bornite and chalcopryrite - quite continuous but of 0.1% or less copper. The granodiorite is less fractured in this area to the end of hole at 204.2m. It is noticed the the Guichon variety granodiorite is grey coloured but where thin hairline fractures occur there is a halo around the fracture of pink altered granodiorite often there is epidote along the fractures which are						

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-13

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 1 of 7 Sheet No. 1 of 7 Lat. Total Depth 230.1m (755 ft.)
 Section Dep. Logged By B.T. MULOIN
 Date Begun Bearing 360° (6-45°) Claim VIMY 100
 Date Finished AUGUST 10, 1981 Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 21.3	OVERBURDEN - no recovery					
21.3 - 41.4	C horizon - zone of surface weathering, white and pink, a coarse grained granodiorite with large books to 0.7cm of chlorite and some primary biotite this is possibly Chattaway variety. Epidote in this zone is associated with fractures. This is evident in the hard clasts of rock which are separated by weathered, oxidized material that grades into gossany soils. Staining in the soils is due to iron being yellow through red in colour, the greens and blues of copper are not evident, dendritic manganese, psilomelane, on some of the fractures is typical of surface weathering, intense pod-soil development from 26.7 to 27.4, 28.7 to 30.3, 32.0 to 35.6 and 38.1 to 40.8.					
41.4 - 47.8	Malachite stains on more resistant, finer grained granodiorite, typical Guichon variety rock. At 45.4 the plag. feldspars take on a bluish colour as the weathering silicate is					

DIAMOND DRILL RECORD

PROPERTY ..VIMY.....

HOLE No.D.D.H..81-13.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-13 Sheet No. 2 of 7 Lat. Total Depth 230.1
 Section Dep. Logged By B.T. MULOIN
 Date Begun AUGUST 10, 1981 Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	stained with copper. Epidote still on fracture.						
47.8	Native copper is present in visible amounts and appears associated with psilomelane on fractures. At this point a mineral not seen before, atacamite possibly, emerald green acicular, radiating, occurs associated with malachite and epidote on fractures.						
50.2	At 50.2 a cm thick specularite band at 70° to the core axis with associated epidote on margins of band or as a halo about the specularite. On the fractures across the specularite there is a copper mineral and native copper.						
53.1	At 53.1 a fracture is seen with the cu mineral, atacamite, with a black layer on it, possibly chalcocite and covered with native copper. Abundant epidote on fractures.						
54.1 - 54.4	From 54.1 to 55.2 a calcite vein with open vugs at 54.4 and 54.2 parallels the core, the						

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-13

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-13 Sheet No. 3 of 7 Lat. Total Depth 230.1m
 Section Dep. Logged By B.T. MULOIN
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	core, the Guichon granodiorite is little changed						
	At 54.2 the vein is separated by a rusty weathered						
	zone. Again from 54.4 to 54.7 a breccia, limonite						
	clay zone with specularite and some native copper						
	at 54.6						
54.8	Big vug at 54.8, limonite and breccia. zone						
	from 54.95 to 55.1m, occasional native copper on						
	vein margins. Increase in native copper						
	throughout.						
58.3	At 58.3 a band of specularite 2mm wide at						
	70° to core axis.						
58.5	From 58.5 to 59.1 a silicious fracture zone						
	carrying 1.0% native copper, and possibly chal-						
	cocite.						
61.5 - 61.8	From 61.5 to 61.8 a zone of specularite with						
	disseminated and stringers of native copper,						
	possibly chalcocite.						

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-13

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-13 Sheet No. 4 of 7 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
61.8 - 66.9	After 61.8 the Guichon variety is lean in copper but the epidote continues.						
66.9 - 67.1	Quartz stringer with associated native copper specularite.						
67.6	Native copper in weathered zone marginal to preceeding quartz stringer.						
67.6 - 72.0	Unweathered Guichon granodiorite occasional fractures carry native copper as at 69.4, at 70.6 and 71.6,						
72.0 - 73.4	Weathered zone with native copper, @ 76.9 specularite and chalcocite zone 79.3 specularite and chalcocite zone 80.1 thin stringer specularite oxidized zone to 87.7m carries native copper, specularite.						
87.7 - 94.6	Relatively unweathered Guichon variety granodiorite.						

DIAMOND HILL RECORD

PROPERTYVIMY.....

HOLE No..D.D.H..81-13.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-13 Sheet No. 5 of 7 Lat.
 Section Dep. Total Depth 230.1m
 Date Begun Bearing Logged By B.T. MULOIN
 Date Finished Elev. Collar Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
94.6-110.5	Weathered zone with secondary mineralization, native copper.						
110.5-120.2	Relatively unweathered Guichon - epidote, carries native copper, finely disseminated in the chlorite.						
120.2-121.9	Weathered zone - native copper- chalcopyrite and corellite - sericite in the fractures.						
121.9	Guichon variety granodiorite, corellite, bornite in fractures with chalcopyrite, chalcopyrite often enclosed by bornite indicating that the chalcopyrite crystallized out before bornite. Mineralized fractures often have quartz veining associated with them, reddening due to alteration, sericite and are at close to right angles to core as at 122.1, 122.5, 123.6, 126.0, 126.1.						
128.0	Native copper at 128.0 is fine and interleaved in quartz looking as though it might be of						

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. DDH 81-13

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-13 Sheet No. 6 of 7 Lat. Total Depth 230.1m
 Section Dep. Logged By B.T. MULOIN
 Date Begun AUGUST 10, 1981 Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	primary occurrence but associated brecciation and limonitic staining suggest a secondary origin. The Guichon granodiorite is generally green grey where fractures cut across the core usually at 70° to the core axis a halo pattern develops about the fracture with an inner zone, dark green with blotchy mafics abruptly changing to the outer zone that starts off deep brown red and fades to orange and salmon pink and grades into the unaltered grey.						
	From 128 on there is very little copper. Weathered sericitic breccia zone with some associated native copper 137.0 to 139.6, also native copper at 148.3, 148.8, 149.2, 149.5, 163.1, 165.1 also bornite and covellite at 151.5						
	At 163.9 there is some coarse specular hematite associated with a thin calcite stringer.						
	From 164.2 to 165.2 some disseminated native copper and again from 167.2 to 158.8.						

DIAMOND HILL RECORD

PROPERTY

HOLE No.

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-13 Sheet No. 7 of 7 Lat. Total Depth 230.1m
 Section Dep. Logged By B.T. MULQIN
 Date Begun AUGUST 10, 1981 Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	A stringer of covellite at 178.0. This is weakly mineralized core, with occasional mineralization including native copper, bornite, covellite, chalcopyrite.					
	From 202.2 to 202.4 a red unaltered zone with ^{NO} significant copper mineralization.					
	From 217 to 225 there is disseminated chalcopyrite and some bornite to 0.2% cu.					
	From 224 to 226 there is coarse Chattaway variety granodiorite with coarse books to 1cm of primary biotite and some epidote.					
	At 228.2 there is native copper associated with a red alteration zone.					
	At 228.6 a 3mm band of specularite cross to the core at 80° to the core axis.					
	END OF THE HOLE IS 230.1.					

B.T. Mulquin

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-14

DIP TEST		
ANGLE		
Footage	Reading	Corrected

Hole No. **81-14** Sheet No. **1** of 2 Lat.
 Section Dep. Total Depth **91.4m (300ft.)**
 Date Begun Bearing **045° (α = 45°)** Logged By **B.T. MULOIN**
 Date Finished Elev. Collar Claim **VIMY 100**
 Core Size **BQ**

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 20.6	OVERBURDEN					
20.6 - 58.8	Zone of surface weathering and secondary enrichment, - coarse grained Chattaway variety granodiorite - abundant glassy acicular epidote - The weathering zone is not as deep as that in Hole 81-13 which might account for the smaller amount of copper and its occurrence higher in the weathering zone. Copper minerals identified in this zone are native copper, chalcocite, bornite, malachite associated with specular hematite and limonite there is possibly also cochineal red euprite zoning patterns in the copper mineralization is evident with native copper often at the center of large blebs that zone into cuprite, chalcacite bornite then surrounded with malachite.					
58.8 - 68.3	Grey unaltered medium grained granodiorite with abundant 10-15% coarse primary biotite- some bornite, chalcopyrite mineralization..					

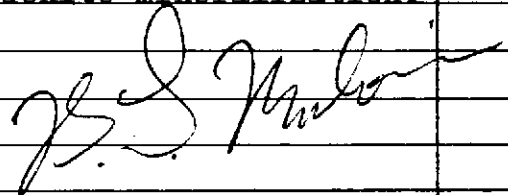
DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. ... 81-14

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-14 Sheet No. 2 of 2 Total Depth ... 91.4m
 Section Dep. Logged By B.T. MULOIN
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size ... BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
68.3 - 76.6	Alteration zones around fractures are reddish coloured probably K enrichment.					
	From 73.1 on the alteration is green coloured indicating intense saussuritization bornite and chalcopyrite mineralization in the core is to 0.1% copper.					
76.6 - 91.4	Grey unaltered medium grained granodiorite Guichon variety - primary biotite and hornblende pink and green freckles throughout - occasional epidote interleaved in chlorite. An alteration zone from 84 to 85 has a slip of moly in it. There is finely disseminated chalcopyrite with minor bornite interstitial in the chalcopyrite - This zone is possibly comparable to the 81-11 Hole in the area of molybdenite mineralization.					
	END OF HOLE 91.4m					
						

DIAMOND HILL RECORD

PROPERTY..VIMY..PROPERTY.....

HOLE No..D,D,H..81-15.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. DDH 81-15 Sheet No. I of 3 Lat.....
 Section..... Dep.....
 Date Begun SEPTEMBER 1, 1981 Bearing 245° (α-45°)
 Date Finished SEPTEMBER 11, 1981 Elev. Collar.....

Total Depth 160.1m (525 ft.)
 Logged By BT MULOIN
 Claim VIMY 100
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 28.6	OVERBURDEN					
28.6 - 55.0	Coarse grained hornblende granodiorite, Chattaway variety with specular hematite,, after magnetite, primary coarse biotite and green chlorite - This is very uniform unbroken rock, and seems similar to material seen in the tops of holes 81-13 and 81-14.					
55.0 - 72.0	Coarse grained granodiorite as above but with dendrite native copper mineralization, noticeably missing is the presence of malachite or other secondary copper minerals as was present in hole 81-13, - zones pink and green feldspars are coarse probably orthoclase or microclina, suggesting these area pegmatite zones, of more granitic than granodiorite composition epidote is evident and tale. At 62.4 there is a thin ~3mm stringer of specular hematite. Coloration changes through this zone with					

DIAMOND HILL RECORD

PROPERTY VIMY.....

HOLE No. D.D.H. 81-15.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. DDH 81-15 Sheet No. 2 of 3 Lat..... Total Depth 160.1m
 Section..... Dep..... Logged By BT. MILQIN
 Date Begun..... Bearing..... Claim.....
 Date Finished..... Elev. Collar..... Core Size BQ.....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	increasing red brown colour as the hole goes deeper.					
	At 62m the rock becomes finer grained, a medium grained granodiorite, of Guichon variety.					
	At 74m there is a rich seam ~10cm wide carrying chalcocite - This seems to be the bottom of the red coloration.					
72 - 82	This zone also carries disseminated native copper.					
82 - 105	Green grey granodiorite of Guichon type with red brown iron ocluse patches at 86m and 87.8m - The native copper dies out around 85m, the copper is present as bornite and chalcocite.					
105 - 126	White chalky kaolinized fine grained granodiorite mineralized with bornite in patches and stringers - chalcopyrite present from 112 on.					
126 - 160	Fine grained pinkish Guichon variety granodiorite poorly mineralized.					

DIAMOND DRILL RECORD

PROPERTY... VIMY

HOLE No. D.D.H. 81-16

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. DDH 81-16 Sheet No. 1 of 5 Lat. Total Depth 164.9m (541 ft.)
 Section Logged By BT MULOIN
 Date Begun SEPTEMBER 14, 1981 Dep. Claim VIMY 100
 Date Finished SEPTEMBER 18, 1981 Bearing 245° (α - 60°) Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 25m	OVERBURDEN					
25 - 30m	Zone of surface weathering.					
25 - 70.9m	Coarse grained biotite octaheareal hornblende granodiorite (tonolite) containing octaheareal magnetite - this is possibly Chataway variety Hornblendes are coarse and grouped in blotches individually crystals though often part of larger masses are of uniform size, freckles of pink feldspar through the core. A mafic rich segregation from 44.5 to 48.3 abundance of biotite and hornblende, sound rock with cores of 0.5m common. Following finer grained Guichon variety is abrupt with no chill patterns. The biotite forms coarse 2 to 3mm books. Hornblende is dark green. Some of the quartz is glassy clear. Glassy pistachio green epidote throughout but seems to bunch up in rich and lean zones.					
42m	Native copper increases in concentration from about 42m on, increasing to 0.3 to 0.5% and					

DIAMOND DRILL RECORD

PROPERTY

HOLE No.

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. DDH 81-16 Sheet No. 2 of 5 Lat. Total Depth 164.9m
 Section Dep. Logged By BT MULOIN
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
42m	decreases to about 54m. There is also some minor biotite.					
49.5	From 49.5 to 51.7 there is a chloritized shattered zone with quartz stringer at 51.4 carrying native copper.					
70.9-77.0m	Guichon variety fine grained granodiorite spotty mineralization but at 72 a patch of chalcopyrite rimmed with covellite and bornite displays the sequence of crystallization with chalcopyrite using up most of the available sulfur, first, also native copper finely disseminated.					
77 - 109.5	From 77m reddish oxidation starts to be evident. This rock is noticeably less magnetic than the coarse Chataway variety.					
88	From 88 on the native copper increases forming large patches of dendritic form on fractures.					

DIAMOND DRILL RECORD

PROPERTY

HOLE No.

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. Sheet No. 3 of 5 Lat. Total Depth 164.9 m
 Section Dep. Logged By BT MULOIN
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
92.0	From 92.0 on the core limonitic yellow, brown with increased native copper to 1% at 92.6 a thin stringer of specular hematite. The copper seems distributed on the fractures. Around 100 there is a couple of patches of kaolin - this zone is highly fractured, more so than the surrounding rock which seldom reaches core length of 0.05m.						
100.3	At 100.3 native copper is disseminated with fine specularite in a dark mafic zone. Specular blebs of copper to 1cm common from 100 on - at 104.1 a vug carries fine quartz crystals and cubic crystals of native copper.						
109.5-137.5	The fine grained Guichon variety granodiorite starts to take on a chalky, kaolinized appearance, the limonite zone stops. This zone carries large stringers to 1cm wide of covellite often enclosing chalcopyrite, this zone also carries sericite and is probably the zone of potassic's alteration.						

DIAMOND HILL RECORD

PROPERTY

HOLE No.

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. DDH 81-16 Sheet No. 4 of 5 Lat. Total Depth 164.9m
 Section Dep. Logged By BT MULOIN
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	At 118.7 another stringer of specular hematite, the grade drops after this.						
120	From 121 on to 130m the prominent sulphide is chalcopyrite. There are possible grey lenses of molybdenite at 125.1, 127.2, and definitely at 137.4.						
134	At 134 bornite is seen enveloping covellite in a thin, 1mm, calcite vein lying at 60° to the core axis. There is very little copper past 139m At 143.4 a black possibly schorl zone 4cm wide lies at about 35° to the core axis with calcite stringers in it lying parallel to the core. Some fine native copper in this vein with chalcopyrite in the calcite stringers.						
144.8	At 144.8 a chloritized, quartz patch of rectangular outline, pseudomorph after an amphibole has in the quartz stringers chalcopyrite against the chlorite with bornite on the quartz side.						

DIAMOND DRILL RECORD

PROPERTY

HOLE No.

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. DDH 81-16 Sheet No. 5 of 5 Lat. Total Depth 164.9m
 Section Dep. Logged By BT MULOIN
 Date Begun SEPTEMBER 14, 1981 Bearing Claim
 Date Finished SEPTEMBER 18, 1981 Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
150.2	At 150.2 two narrow, .5cm dark, possibly schorl bands with molybdenite on the parting at 45° to the core axis. There is possibly a gradient in the style of fracture fillings with calcite in the low temperature veins, quartz then schorl in the high temperature veins - some magnetite is present. Magnetite increases with depth in hole. The presence of epidote and primary biotite, which seems to alter to chlorite seems to be in blotches through the core, There is a blotch of epidote at 156m.					
157.5	Biotite at 157.5 and 159.8 in resistant orange to pinkish, green blotches of fine grained granodiorite of Guichon variety. Generally there was a great number of fractures paralleling the core in this hole.					
164.9	END OF HOLE @ 164.9					

BT MULOIN

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. DDH #81-17

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-17 Sheet No. 1 of 7 Lat. Total Depth . 226.5m (743.0)

Section Dep. Logged By BT. MULOIN

Date Begun Bearing 245° (α - 85°) Claim VIMY 100

Date Finished Elev. Collar Core Size BQ

NORTH 0+31S DIP 85°

EAST 1+35E

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 28.7	OVERBURDEN					
28.7 - 35.0	Zone of surface weathering, red and yellow oxidation and decomposition of minerals, biotite to sericite, the Chattaway variety - mafics of uniform size and evenly distributed. Occasional matts to 2cm across of fine grained hornblende, feldspar, magnetite. Magnetite through this rock unit.					
36.4	At 36.4 a pink quartz orthoclase vein of 1cm at 30° to core axis - no associated fractures of joints. @ 37.3 a 1mm calcite vein at 25° to core axis					
37.6	From 37.6 to 37.7 a zoned vein - @ 27° to core axis with associated epidote, in the vein 1cm coarse, pink orthoclase feldspars is on both margins of a central band of quartz on the bottom end of the vein calcite forms a 1cm wide stringer with associated yellowish brown clay seam. One spec of native copper with associated					

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. DDH 81-17

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-17 Sheet No. 2 of 7 Lat. Total Depth
 Section Dep. Logged By BT MULOIN
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	malachite in the calcite vein. Dendritic manganese, psilomelane, still to be seen on fractures.					
38.8	At 38.8 a 7cm vein of pink orthoclase @ 70° to core axis both contacts are well healed.					
40.7	At 40.7 a 2cm calcite vein at 20° to the core axis.					
41.0	From 39.0 on to 41.0 there is atacamite on the fractures - very little 0.01% one fine spec of chalcocite was noted.					
40.0	At 40.0m a 15cm pink vein @ 35° and 40° to core core axis seems to be the source of the atacamite.					
49.0	From 49.0m to 51m finely disseminated native copper often seen marginal to magnetite to 0.1%					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. DDH. #81-17

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-17 Sheet No. 3 of 7 Lat. Total Depth

Section Dep. Logged By BT MULOIN

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
53.0	At 53.0 a 10cm gouge, clay zone with some fine disseminated bornite.						
56.0	Native copper around 53.6 to 56.0 and bornite chalcocite at 53.9.						
59.0	At 59.0 a 3mm vein with chalcocite @ 30° to core axis.						
60.0-73.4	Fine grained granodiorite - very little mafics - epidote still, this is Guichon variety granodiorite. @ 63.2 a 1cm mafic bleb with magnetite around its margins - Fairly broken up rock compared to the Chattaway zone						
65.8	From 65.8 to 68.7 red oxidized granodiorite. From 71.8 to 72.7 a zone of Chattaway graonodiorite unmineralized.						
73.4-76.2	Chattaway coarse granodiorite unmineralized.						

DIAMOND HILL RECORD

PROPERTY..... VIKY

HOLE No..... DDH. 81-17

DIP TEST		
ANGLE		
Footage	Reading	Corrected

Hole No. 81-17 Sheet No. 4 of 7 Lat.
 Section Dep.
 Date Begun Bearing
 Date Finished Elev. Collar
 Total Depth
 Logged By BT MULOIN
 Claim
 Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
76.2-77.7	Zones of fractures show kaolinization and chloritization.					
77.7-111.0	Fine grained Guichon variety granodiorite - epidote seems uniformly distributed through out this zone.					
94.5	At 94.4 a 20cm fracture is brown limonitic stained and carries coarse native copper, (secondary enrichment zone) From 106 to 108 fine disseminated native copper is present in the chlorite on fractures. Bleb of bornite. At 106.7 a chalcocite scam inclosive without specular hematite of 1cm thickness lies with calcite and chloritic gouge at an angle of 20° to the core axis at 114 a grey clay zone possible molybdenite.					
111.0-116.0	A weathered limonitic zone-no mineralization visible, red oxidation of feldspars this should be a zone of secondary enrichment. Some					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. DDH 81-17

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-17 Sheet No. 5 of 7 Lat. Total Depth

Section Dep. Logged By B.T. MULOIN

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	kaolinization evident at 114.0, this is the vein center.						
116.0-164.1	Guichon granodiorite - blue saussuritized zone to about 120 carries fine disseminated native copper to 1.0% . Unsaussuritized material 120 to 122 is without copper but 122 on to 124 is saussuritized and carries copper. At 122.2 a thin black short vein at 20° to core axis. At 124.8 a bit of kaolinization on a fracture. At 126 there is chalcopyrite in blue saussuritized granodiorite. At 126.7 bornite envelopes covellite - into the primary sulphide zone. The colour variations reds, oranges, greens are colour haloes about fracture centers through thin area - very little mineralization is visible, at angles of 10° through 35° there are thin black schorl. Filled fractures occasionally accompanied with bornite mineralization. At 133.3 a replaced hornblende crystal zoned glass green mineral and magnetite with a green						

DIAMOND DRILL RECORD

PROPERTY ...VIMY.....

HOLE No. DDH #17.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-17 Sheet No. 6 of 7 Lat. Total Depth

Section Dep. Logged By BT MULOIN

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	halo.						
	At 146.0 a calcite vein at 20° to the core axis.						
	At 147.5 a vein at 15° to core axis with bornite						
164.1	At 164.1 it is highly altered zone with thick wisps of bornite enclosing some minor covellite						
	2-3% Cu.						
	At 168.7: Bornite, covellite bands @35° to core axis.						
	At 171.6: A possible band of molybenite @ 70° to the core axis.						
	181.8: A 2cm calcite vein @ 15° to the core axis - No epidote, in this section, chalcopyrite present.						
	At 182.8: A 1cm calcite vein @ 20° to core axis - bornite covellite, chalcopyrite on margins						
	At 193.0: A bornite stringer @ 40° to core axis.						
	At 200.2: A quartz vein with a thin stringer of molybdenite.						
	At 201.7: A quartz vein @ 20° to core axis - in an area of colour alteration.						
	At 208.3: A quartz vein @ 25° to core axis.						

DIAMOND HILL RECORD

PROPERTY.....VIMY.....

HOLE No....D.D.H. 81-18.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No...81-18.... Sheet No.1 of 5 Lat...0+46S..... Total Depth...163.8m(535ft.)
 Section..... Dep...1+63E..... Logged By B.T. MULOIN.....
 Date Begun..... Bearing...245° (α-45°)..... Claim.VIMY.100.....
 Date Finished...OCTOBER 13,1981 Elev. Collar..... Core Size...BQ.....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0- 27.0	OVERBURDEN						
27- 48.0	Weathered Chattaway variety granodiorite, tonolite, this is the zone of surface weathering. - The Chattaway is coarse grained with large books of primary biotite which in this area is weathered to bronze brown colour also there is some hornblende. The core is salt and pepper coloured as the placioclase is white. There is red staining around a fracture at 42.7m at 30° to the core axis. Dendritic psilomelane is evident on some weathered fracture faces.						
48- 70.5	Chattaway variety granodiorite, tonolite, coarse grained 40-50% biotite and green hornblende, coarse grained very minor epidote- occasionally a cement along an old fracture plane. -Magnetite very common on throughout as octahedra in hornblende.						
60- 62.0	Finely disseminated native copper in the Chattaway as was seen in holes 15 and 16.						

DIAMOND HILL RECORD

PROPERTY.....VIMY.....

HOLE No....D.D.H.81-18.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No.....81-18.. Sheet No.2..of. 5Lat..0+46S..... Total Depth163.8m.....
 Section..... Dep..1+63E..... Logged By..BT..MULOIN.....
 Date Begun..... Bearing...245°..... Claim.....
 Date Finished..OCTOBER.13,1981. Elev. Collar..... Core Size...BQ.....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
64.4	At 64.4 a lens of Guichon of about 10cm width intrudes into the Chattaway at an angle of 27°-28° to the core axis. The margins of this intrusive Guichon vein are marked by red brown iron oxides and native copper.					
65.5	From 65.5 on there is an abundance of epidote to about 5%.					
70.5-77.1	Guichon variety granodiorite, finely disseminated mafics are 10% - 15% - some pinkish alteration to 77m. From 73 to 77 completely pink coloured with finely disseminated native copper estimated at 0.3 to 0.5% Cu -Schorl in parallel fractures at 73.5					
77.1-79.2	Chalcocite zone in Guichon variety granodiorite abundant sericite in this zone also at 79.2 a quartz lens to 10cm wide - With the chalcocite is abundant specularite, but this seems most prominent on the hanging wall of the quartz vein which seems to be at 60° to the core axis					

DIAMOND HILL RECORD

PROPERTY.....VIMY.....

HOLE No....D.D.H. 81-18.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-18	Sheet No. 4 of 5	Lat. 0+46S	Total Depth 163.8m
Section	Dep. 1+63E	Bearing 245°	Logged By B.T. MULOIN
Date Begun	Date Finished OCTOBER 13, 1981	Elev. Collar	Claim
			Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
86.3 - 100.0	Guichon variety granodiorite grey coloured, poorly mineralized - epidote associated with fractures. Some thin schorl veins at 27° to 28° to the core axis. At 92m a hematite filled fracture again at 20° to the core axis. At 95m there is increased amounts of finely disseminated native copper.					
100 - 110	Feddish alteration of the Guichon with lenses showing potassic alteration at 105.7, 106.8 to 107.2 and 108.3 to 108.5. Several bands of specular hematite at 105.2 it is parallel and 106.2 it is almost at right angles but with a thin lmm associated band of bornite enveloping covellite.					
110 - 135	Potassic alteration of the Guichon variety granodiorite - White clayey appearance of the core is due to kaolin and sericite alteration. It is not very well mineralized but at 116.5 there is a thin stringer that is possibly					

DIAMOND DRILL RECORD

PROPERTY VIMY.....

HOLE No. D.D.H. 81-18.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-18..... Sheet No. 5 of 5 Lat. 0+46S..... Total Depth 163.8m.....
 Section..... Dep. 1+63E..... Logged By B.T. MULQIN.....
 Date Begun..... Bearing 245..... Claim.....
 Date Finished OCTOBER 13, 1981 Elev. Collar..... Core Size BQ.....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	molybdenite.						
116.8	At 116.8 a lens with bornite and covellite blebs						
120 - 130	From 120 to 130 there are numerous patches of greenish chloritization.						
126.5	At 126.5 a patch that is a possible carrier of molybdenite.						
134.5	At 134.5 a lens of specular hematite with associated chalcopryrite.						
135 - 163	Guichon variety granodiorite - shows colour alteration to depth but very little associated copper or molybenum mineralization - into the chalcopryrite zone - several minor occurences of finely disseminated copper. Noticeably more schorl veins in this section than in the previous holes.						
	163 m END OF HOLE						

B.T. Mulquin

DIAMOND DRILL RECORD

PROPERTY.....VIMY.....

HOLE No....D.D.H..81-19.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No....81-19... Sheet No.1 of 7 Lat..... Total Depth..207.8m (682 ft.)
 Section..... Dep..... Logged By..BT..MULOIN.....
 Date Begun..... Bearing...245° (-60°)..... Claim...VIMY.100.....
 Date Finished..... Elev. Collar..... Core Size...BQ.....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 -36.6	OVERBURDEN					
36.6 - 89.7	Chattaway variety granodiorite - coarse grained 20-30% mafics - primary biotite and hornblende, (no zone of surface weathering) -salt and pepper grey, with 1-2% magnetite.					
36.9	At 36.9 a 1cm wide felsic vein at 23° to the core axis.					
37.4	At 37.4 a 1cm wide felsic vein at 10° to the core axis.					
39.7	At 39.7 a felsic vein to a possible 10cm width core angle not evident but it seems to be assoc- iated with a red oxidized and kaolinized zone. From 39.7 to 40.2, noticeable about this core is that no well defined zone of surface weathering is evident.					
43.6	At 43.6 a thin 2mm felsic vein at 22° to the core axis.					
44.2	At 44.2 a felsic filled fracture of 1mm width at 12° to the core axis close to an open fracture at 10° to the core axis					

DIAMOND CHILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-19

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-19 Sheet No. 4 of 5 Lat. Total Depth 207.8m
 Section Dep. Logged By BT MULOIN
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
76.8	From 76.8 to 77.1 a band of finer grained Guichon variety granodiorite.						
77.1	From 77.1 to 78.8 the Chattaway granodiorite has fine grained mafic clots to 2cm diameter with occasional chalcopyrite through it.						
78.8	At 78.8 a reddish oxidation zone seemingly associated with fracturing extending to 79.2 at 35° to the core axis - sericitization is present in this zone. -Chalcopyrite is present in this zone to 89.8, the contact with the underlying Guichon - Contact between these two zones is not identifiable by fracturing or chill zones and seems a chemical boundary that is due to pre-existing variations in the sedimentary of other rocks that metamorphism has turned to granodiorite,						
89.8-92.6	Guichon variety granodiorite very little mafics and fine grained. This is typical of the core to the end of the hole - very minor chalcopyrite						
92.6-97.0	Guichon variety granodiorite showing red alteration and k alteration, it has a clayey white appearance. At 92.6 a ½cm calcite stringer is						

DIAMOND HILL RECORD

PROPERTY VIMY.....

HOLE No. D.D.H. 81-19.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-19..... Sheet No. 5 of 7 Lat..... Total Depth 207.8m.....
 Section..... Dep..... Logged By BT MULOIN.....
 Date Begun..... Bearing..... Claim.....
 Date Finished..... Elev. Collar..... Core Size BQ.....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
92.6-97.0	at 30° to the core axis- very little copper, none?						
97.0-104.6	Grey Guichon granodiorite showing very thorough K alteration -fine sericite and kaolin through-out. At 98.0 a couple of large 3cm-4cm stringers of chalcopyrite at 30° to the core axis. After this the mineralization is occasional blebs and lenses containing bornite, covellite and some interstitial chalcopyrite. At 101.2 a stringer of bornite is at 30° to the core axis near a possible moly stringer, also possible moly stringers at 104.2						
104.6-157.0	K alteration and colour alteration, reds through greens of Guichon granodiorite. At 106.1 a moly stringer at 45° to the core axis At 113.6 a band of specularite, 2mm , with a bit of coarser molybdenite associated at 20° to the core axis. At 114.1 a 3cm specularite stringer at 25° to the core axis.						

DIAMOND MILL RECORD

PROPERTY..... VIMY.....

HOLE No..... D.D.H. 81-19.....

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-19..... Sheet No. 6 of 7 Lat..... Total Depth 207.8m.....
 Section..... Dep..... Logged By BT. MULOIN.....
 Date Begun..... Bearing..... Claim.....
 Date Finished..... Elev. Collar..... Core Size BQ.....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	At 117.17 another bornite covellite stringer with some tourmalinization at 45° to the core.					
	At 120.5 a specularite stringer at 75° to the core axis.					
	At 128.7 a molybdenite stringer.					
	At 129.8 a quartz and schorl zone with specularite.					
	At 131.5 a large bleb of bornite covellite.					
	At 132.3 a large bleb of bornite covellite.					
	At 133.2 a couple of patches of specular hematite and again at 133.8 where is is at 23° to the core axis.					
	At 138.5 a specularite stringer at 40° to the core axis with associated bornite.					
	At 140.6 bornite and covellite in blebs associated with a grey clayey gouge zone at 23° to the core axis.					
	From 144 through 145 dark grey and green chlorite patches in an area very strongly K altered.					
	At 148.1 a molybdenite stringer at 40° to the core axis.					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-20

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-20 Sheet No. 1 of 5 Lat. Total Depth 180.7m (593 ft.)
 Section Dep. Logged By BT MULOIN
 Date Begun Bearing 245° (α-45°) Claim VIMY 100
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0- 35.0	OVERBURDEN					
35.0- 77.7	Chattaway variety coarse grained granodiorite salt and pepper grey with some minor mottlings of pink and greenish colour -abundant mafic minerals -green acicular hornblende and black biotite in 2 and 3mm books makes up 30% of the core. -Coarse magnetite 1mm.					
60.0	Octahedra are 1-2% -Surface weathering is evident on fractures as yellow limonite staining and occasional dendritic psilmelane which seems to end about 60.0m. Weathering or alteration past 60.0 is brown coloured and the core is less fractured. -It seems to have a bit of native copper associated with it starting at 61.4m.					
6k,6	At 61.6 a 2mm calcite vein at 44° to the core axis is followed at 61.8 to 62.1m by a concentration darker minerals, slightly finer grained. The feldspars are altered to a dark green colour and there is an increase of native copper, which seems to have a partial affinity to the magnetite.					

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-20

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-20 Sheet No. 2 of 5 Lat. Total Depth 180,7m
 Section Dep. Logged By BT MULOIN
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
62.7	At 62.7 a 2mm calcite vein at 35° to the core axis.					
66.4	At 66.4m chalcopryrite is evident for the first time in this hole.					
67.0	At 67.0 a quartz vein of less than lcm is at 41° to the core axis is and is a boundary of a dark green altered vein of Guichon appearance that that extends to 67.3 and carries chalcopryrite disseminated through it.					
67.3	From 67.3 to 74.6 the core carries finely disseminated native copper on limonitic fractures plains, numerous fracture plains. The core is green and red oxidized or altered with quite a few calcite stringers through it.					
74.6	From 74.6 to 76.7 the core is grey and very clayey this is probably a potassic alteration halo containing minor amounts of chalcopryrite.					
76.7	From 76.7 to 77.7 reddish orange alteration with disseminated native copper.					
77.7-106.3	Guichon variety granodiorite - the contact is not well defined as the core on both sides is altered -					

DIAMOND DRILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-20

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. ... 81-20 ... Sheet No. 3 of 5 Date Total Depth 180.7m

Section Dep. Logged By BT. MULQIN

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
77.7-106.3	-generally the granodiorite gets finer grained with a decrease in mafics To 87.0 the core is marked by limonitic staining and in some cases up to 50% transition to a limonitic clay carrying minor native copper finely disseminated. At 82.3 a black schorl stringer. From 87.0 to 94.0 the core has a greenish chloritic cast to it and carries native copper.						
91.6	At 91.6 a 1cm wide band of specularite carrying some minor fine native copper at 24° to the core axis.						
94.5	At 94.5 a thin patch of specularite.						
98.2	At 98.2 a thin stringer of specularite filling a fracture at 75° to the core axis -Native copper seems common as fine disseminations in this core as well as patches of sericite though overall the core does not have the chalky white cast of well developed K alteration -occasional chalcopyrite.						
98.8	At 98.8 a thin stringer of specularite at 75° to the core axis.						

DIAMOND HILL RECORD

PROPERTY VIMY

HOLE No. D.D.H. 81-20

DIP TEST		
Footage	ANGLE	
	Reading	Corrected

Hole No. 81-20 Sheet No. 4. of 5 Lat. Total Depth .. 180.7m

Section Dep. Logged By .. BT. MULOIN

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size .. BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
100.4	At 100.4 a band of specular hematite at 45° to the core axis.					
103.0	At 103.0 a smeared 2cm band of specular hematite with associated native copper at 35° to the core axis.					
104.9	At 104.9 a 1cm stringer of specularite at 45° to the core axis.					
106.3-107.8	A fracture pattern with the hanging wall marked by a thick band of specular hematite and associated chalcopyrite and bornite that extends down to 106.9 and is at 35° to the core axis numerous fractures are filled with specularite -the bornite is seen to envelope the chalcopyrite -This zone shows potassic alteration and is the top margin of an underlying zone of potassic alteration -decrease in copper contact in this zone -abundant fine fish scales of sericite.					
118.6	At 118.6 a stringer of bornite.					
123.3	At 123.3 a possible band of molybdenite.					
127.4	At 127.4 the zone of chlori-potassic alteration starts with green chlorite through it and ends at about 130m.					

APPENDIX 7



KAMLOOPS RESEARCH ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Lawrence Mining Corporation Ltd.
Box 1101
Merritt, B.C. V0K 2B0

NOTE -
O.M.P. DUBUQUIS
COMPLETE TO
DAY 81-19

Certificate No. K-3914
Date April 27, 1981

I hereby certify that the following are the results of assays made by us upon the herein described DDH 81-1 samples

Kral No	Marked	Length (metres)	GOLD	SILVER	Cu	Mo	FROM	TO		Percent
			Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	
1	4001	11.0-12.0	.002	.35	.02	-	11.0	12.0	m	81-1
2	4002	17.0-18.5	.014	.83	1.42	-	17.00	18.50	m	" "
3	4003	27.0-29.0	.001	.66	.07	-	27.00	29.00	m	" "
4	4004	29.0-31.0	.001	.62	.24	-	29.00	31.00	m	" "
5	4005	31.0-33.0	.002	.60	.16	-	31.00	33.00	m	" "
6	4006	33.0-35.0	.002	.72	.40	-	33.00	35.00	m	" "
7	4007	35.0-37.0	TR	.02	.20	-	35.00	37.00	m	" "
8	4008	37.0-39.0	TR	.57	.19	-	37.00	39.00	m	" "
9	4009	39.0-41.0	.002	.46	.38	-	39.00	41.00	m	" "
10	4010	41.0-43.0	.001	.12	.38	-	41.00	43.00	m	" "
11	4011	43.0-45.0	.003	.68	.85	-	43.00	45.00	m	" "
12	4012	45.0-47.0	.005	.46	.68	-	45.00	47.00	m	" "
13	4013	47.0-49.0	TR	.16	.52	-	47.00	49.00	m	" "
14	4014	49.0-51.0	.001	.39	1.63	-	49.00	51.00	m	" "
15	4015	51.0-53.0	TR	.60	.72	-	51.00	53.00	m	" "
16	4016	53.0-55.0	TR	.46	1.26	-	53.00	55.00	m	" "
17	4017	55.0-57.0	.004	.19	1.26	-	55.00	57.00	m	" "
18	4018	57.0-59.0	.001	.11	.27	-	57.00	59.00	m	" "
19	4019	59.0-61.0	TR	.08	.05	-	59.00	61.00	m	" "
20	4020	61.0-63.0	.007	.24	1.43	-	61.00	63.00	m	" "

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Lawrence Mining Corporation Ltd.

Certificate No. K-3914 2

Date April 27, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked		Length (metres)	GOLD	SILVER	Cu	Mo				
				Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent
21	4021	63.0-65.0		TR	.13	.22	-	63.00	65.00	m	81-1
22	4022	65.0-67.0		.009	.14	.25	-	65.00	67.00	m	" "
23	4023	67.0-69.0		.004	.24	.81	-	67.00	69.00	m	" "
24	4024	69.0-71.0		.001	.22	.87	-	69.00	71.00	m	" "
25	4025	87.5-88.0		TR	-	.02	.035	87.50	88.00	m	" "
26	4026	88.5-89.5		TR	-	.03	.004	88.50	89.50	m	" "
27	PDH 81-1	10 - 20		-	-	.01	-				
28		20 - 30		-	-	.01	-				
29		30 - 40		-	-	.02	-				
30		40 - 50		-	-	.01	-				
31		50 - 60		-	-	.01	-				
32		60 - 70		-	-	.01	-				
33		70 - 80		-	-	.01	-				
34		80 - 90		-	-	.01	-				
35	90 - 100		-	-	.01	-					
36	100 - 110		-	-	.01	-					
37	110 - 120		-	-	.01	-					
38	120 - 130		-	-	.01	-					
39	130 - 140		-	-	.01	-					
40	140 - 150		-	-	.01	-					

THE ASSAYMENT
P.D. HOLDERS.

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Lawrence Mining
Box 1101
Merritt, B.C. VOK 2B0

• Certificate No. K-3943
Date May 5, 1981

I hereby certify that the following are the results of assays made by us upon the herein described DDH 81-2 samples *# 182*

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM		TO		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	4027	.001	.06	.10	-	71.00		73.00	m	81-1
2	4028	TR	.05	.06	-	73.00		75.00	m	" "
3	4029	.001	.05	.02	-	75.00		77.00	m	" "
4	4030	TR	.08	.06	-	77.00		79.00	m	" "
5	4031	.001	.08	.08	-	79.00		81.00	m	" "
6	4032	TR	.10	.32	-	14.00		15.50	m	81-2
7	4033	TR	.03	.02	-	34.00		36.00	m	" "
8	4034	TR	.07	.04	-	36.00		38.00	m	" "
9	4035	.001	.12	.52	-	38.00		40.00	m	" "
10	4036	.002	.15	.54	-	40.00		42.00	m	" "
11	4037	.002	.14	.78	-	42.00		44.00	m	" "
12	4038	.002	.05	.21	-	44.00		46.00	m	" "
13	4039	.001	.09	.80	-	46.00		48.00	m	" "
14	4040	.001	.09	.23	-	48.00		50.00	m	" "
15	4041	.001	.05	.27	-	50.00		52.00	m	" "
16	4042	.001	.05	.09	-	52.00		54.00	m	" "
17	4043	.005	.10	.56	-	54.00		56.00	m	" "
18	4044	.002	.06	.52	-	56.00		58.00	m	" "
19	4045	.002	.20	.46	.002	58.00		60.00	m	" "
20	4046	.004	.33	.59	.002	60.00		62.00	m	" "

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Lawrence Mining Ltd.

Box 1101

Merritt, B.C. VOK 2B0

Certificate No. K-3966

Date May 19, 1981

41243

I hereby certify that the following are the results of assays made by us upon the herein described samples

Kral No.	Marked	GOLD	SILVER	Cu		FROM		TO	HOLE	
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	4058		.03	.06		79.00		81.00	81-2	
2	4059		.05	.10		84.00		86.00	" "	
3	4060		.02	.08		28.00		29.00	81-3	
4	4061		.04	.05		32.00		33.00	" "	
5	4062		.06	.08		37.00		39.00	" "	
6	4063		.05	.03		39.00		41.00	" "	
7	4064		.04	.02		41.00		43.00	" "	
8	4065		.03	.04		43.00		45.00	" "	
9	4066		.05	.05		45.00		47.00	" "	
10	4067		.06	.09		47.00		49.00	" "	
11	4068		.03	.03		49.00		51.00	" "	
12	4069		.03	.05		51.00		53.00	" "	
13	4070		.08	.20		53.00		55.00	" "	
14	4071		.05	.04		55.00		57.00	" "	
15	4072		.06	.03		57.00		59.00	" "	
16	4073		.06	.10		59.00		61.00	" "	
17	4074		.05	.08		61.00		63.00	" "	
18	4075		.06	.04		63.00		65.00	" "	
19	4076		.06	.05		65.00		67.00	" "	
20	4077		.08	.10		67.00		69.00	" "	

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Lawrence Mining Ltd.

Certificate No. K-3966 2

Date May 19, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu						
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
21	4078		.05	.03	69.00	71.00	81-3			
22	4079		.04	.03	71.00	73.00	" "			
23	4080		.05	.09	73.00	75.00	" "			

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



Office Copy

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Lawrence Mining

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4032

Date May 28, 1981

I hereby certify that the following are the results of assays made by us upon the herein described # 475 samples

Kral No.	Marked	GOLD	SILVER	Cu	FROM		TO			
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	4081		.12	.71	14.5		15.5	m		81-4
2	4082		.03	.10	25.0		27.0	m		" "
3	4083		TR	.04	27.0		29.0	m		" "
4	4084		TR	.04	29.0		31.0	m		" "
5	4085		.02	.02	47.0		49.0	m		" "
6	4086		.03	.02	49.0		51.0	m		" "
7	4087		.01	.02	109.0		111.0	m		" "
8	4088		.02	.03	111.0		113.0	m		" "
9	4089		.02	.02	113.0		115.0	m		" "
10	4090		.01	.03	9.24		11.24	m		81-5
11	4091		.04	.12	11.24		13.24	m		" "
12	4092		.01	.03	13.24		15.24	m		" "
13	4093		.03	.06	15.24		17.24	m		" "
14	4094		.42	1.60	17.24		19.24	m		" "
15	4095		.22	.02	19.24		21.24	m		" "
16	4096		.04	.09	21.24		23.24	m		" "
17	4097		.05	.11	23.24		25.24	m		" "
18	4098		.13	.55	25.24		27.24	m		" "
19	4099		.03	.13	27.24		29.24	m		" "
20	4100		.04	.13	29.24		31.24	m		" "

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Lawrence Mining


Certificate No. K-4032 2

Date May 28, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No	Marked	GOLD	SILVER	Cu	FRGM		TO			
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
21	4101		.02	.08	31.24		33.24	m	81-5	
22	4102		.03	.18	33.24		35.24	m	" "	
23	4103		.03	.09	35.24		37.24	m	" "	
24	4104		.02	TR	37.24		39.24	m	" "	
25	4105		.04	TR	39.24		41.24	m	" "	
26	4106		.02	TR	41.24		43.24	m	" "	
27	4107		.07	.04	43.24		45.24	m	" "	
28	4108		.03	.01	45.24		47.24	m	" "	
29	4109		.03	TR	47.24		49.24	m	" "	
30	4110		.03	TR	49.24		51.24	m	" "	
31	4111		.08	.03	51.24		53.94	m	" "	
32	4112		.03	.03	55.24		57.24	m	" "	
33	4113		.04	TR	59.24		61.24	m	" "	
34	4114		.02	TR	61.24		63.24	m	" "	
35	Trench top		.05	.01						
36	Trench Middle		.04	.03						
37	Trench Bottom		.05	.08						

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.


Registered Assayer, Province of British Columbia



Member
Canadian Testing
Association

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 370-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSE NO. SA 1280
GEOCHEMICAL ANALYSIS
METALLURGISTS

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 280 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4078

Date June 8, 1981

I hereby certify that the following are the results of assays made by us upon the herein described 553 samples

Kral No.	Marked	GOLD		SILVER		Cu		FROM	TO	HOLE #
		Ounces Per Ton	Ounces Per Ton	Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent
1	4115		TR	TR			79.25	81.25		5
2	4116		TR	TR			75.11	77.11		5
3	4117		.02	TR			71.11	73.11		5
4	4118		.03	TR			122.0	124.0		6
5	4119		.03	TR			124.0	126.0		6
6	4120		.03	.08			126.0	128.0		6
7	4121		TR	.08			128.0	130.0		6
8	4122		.02	.01			130.0	132.0		6
9	4123		TR	TR			132.0	134.0		6
10	4124		.02	.03			134.0	136.0		6
11	4125		.02	TR			136.0	138.0		6
12	4126		.01	.04			60.05	62.05		6
13	4127		.03	.03			62.05	64.05		6
14	4128		.02	.03			64.05	66.05		6
15	4129		TR	.10			66.05	68.05		6
16	4130		TR	.13			68.05	70.05		6
17	4131		.28	1.18			70.05	72.05		6
18	4132		.01	.04			72.05	74.05		6
19	4133		.02	.06			74.05	76.05		6
20	4134		TR	.25			76.05	78.05		6

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

DAB for JNL
Registered Assayer, Province of British Columbia



Member
Canadian Testing
Association

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSE NO. 26-113
GEOCHEMICAL ANALYSIS
METALLURGIS

TO Scope Explorations Ltd.

Certificate No. K-40/8 2

Date June 8, 1981

I hereby certify that the following are the results of assays made by us upon the herein described samples

Kr. No	Marked	GOLD	SILVER	Cu	FROM		TO		D.D.H.#
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	
21	4135		.01	.12		78.05		80.05	6
22	4136		.05	.14		80.05		82.05	6
23	4137		.04	.14		82.05		84.05	6
24	4138		.01	.06		84.05		86.05	6
25	4140		TR	.07		86.05		88.05	6
26	4141		.19	.52		88.05		90.05	6
27	4142		.01	.01		90.05		92.05	6
28	4143		TR	.01		92.05		94.05	6
29	4144		.01	.05		94.05		96.05	6
30	4145		TR	.03		96.05		98.05	6
31	4146		.03	TR		98.05		100.05	6
32	4147		TR	.01		100.05		102.05	6
33	4148		.04	.11		108.0		110.0	6
34	4149		TR	.01		110.0		112.0	6
35	4150		.04	.03		112.0		114.0	6
36	4151		.05	TR		140.0		142.0	6
37	4152		.05	TR		138.00		140.00	6
38	4153		.01	.01		142.00		144.0	6

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

DAB for JHL
Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4142

Date June 17, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu						
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
						EDM	#7			
1	4154		.05	.03	50-52	meter				
2	4155		.07	.27	52-54					
3	4156		.05	.09	54-56					
4	4157		.05	.06	56-58					
5	4158		.05	.06	58-60					
6	4159		.06	.08	60-62					
7	4160		.08	.05	62-64					
8	4161		.08	.10	64-66					
9	4162		.08	.10	66-68					
10	4163		.04	.09	68-70					
11	4164		.05	.05	70-72					
12	4165		.06	.05	72-74					
13	4166		.05	.05	74-76					
14	4167		.07	.03	76-78					
15	4168		.07	.03	78-80	meter				

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.
Box 1101
Merritt, B.C. V0K 2B0 ATTN: Mr. M. Mathieu

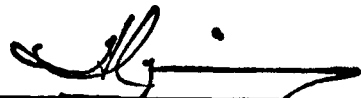
Certificate No. K-4160

Date June 22nd, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Ag ounces per ton	Cu percent						
1	4169	TR	.03	148.6	150.6	81-7			
2	4170	.02	.03	150.6	152.6	81-7			
3	4171	.03	.02	152.6	154.6	81-7			
4	4172	.01	.02	154.6	156.7	81-7			
5	4173	.01	.02	156.6	158.6	81-7			
6	4174	TR	.03	158.6	160.6	81-7			
7	4175	.01	.02	160.6	162.6	81-7			
8	4176	.02	.05	162.6	164.6	81-7			
9	4177	.03	.02	48.6	50.6	81-8			
10	4178	.01	.02	50.6	52.6	81-8			
11	4179	.03	.12	52.6	54.6	81-8			
12	4180	TR	.03	54.6	56.6	81-8			
13	4181	.02	.02	56.6	58.6	81-8			
14	4182	.02	.02	58.6	60.6	81-8			
15	4183	.01	.03	60.6	62.6	81-8			

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.



 Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & SAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd

-2-


Certificate No. K-4160

Date _____

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Ag	Cu						
		ounces per ton	percent						
16	4184	.03	.02	62.6	64.6	81-8			
17	4185	.01	.02	64.6	66.6	81-8			
18	4186	.04	.01	80.0	82.0	81-8			
19	4187	.01	.02	118.0	120.0	81-8			

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.



 Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4192

Date June 30, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	FRON	TC	DDI #
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent
1	4188		.05	.02	12.3	14.3	9
2	4189		.04	.01	14.3	16.3	9
3	4190		.05	.01	16.3	18.3	9
4	4191		.02	.01	18.3	20.3	9
5	4192		.03	.01	39.6	41.6	9
6	4193		.03	.01	41.6	43.6	9
7	4194		.02	.01	70.1	72.1	9
8	4195		.03	.02	72.1	74.1	9
9	4196		.02	.02	85.3	87.3	9
10	4197		.02	.01	99.05	101.05	9
11	4198		.02	.01	101.3	103.3	9
12	4199		.01	.01			
13	4201		.03	.03	125.0	127.0	9
14	4202		.03	.02			
15	4203		.03	.02	127.0	129.0	9
16	4204		.03	.01	129.0	131.0	9
17	4205		.03	.01	133.0	135.0	9

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

John for [Signature]

Registered Assayer, Province of British Columbia



Member
Canadian Testing
Association

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED SAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4192

Date June 30, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu		PRIN		PC		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	4188		.05	.02		12.3		14.3		9
2	4189		.04	.01		14.3		16.3		9
3	4190		.05	.01		16.3		18.3		9
4	4191		.02	.01		18.3		20.3		9
5	4192		.03	.01		30.6		41.6		9
6	4193		.03	.01		41.6		43.6		9
7	4194		.02	.01		70.1		72.1		9
8	4195		.03	.02		72.1		74.1		9
9	4196		.02	.02		85.3		87.3		9
10	4197		.02	.01		99.05		101.05		9
11	4198		.02	.01		101.3		103.3		9
12	4199		.01	.01						
13	4201		.03	.03		125.0		127.0		9
14	4202		.03	.02						
15	4203		.03	.02		127.0		129.0		9
16	4204		.03	.01		129.0		131.0		9
17	4205		.03	.01		133.0		135.0		9

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Sayers for Pulp

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Certificate No. K-4276 3

Date July 23, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo		FROM	TO		DDH #
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
41	4222	-	L.01	.05	-		110.0	112.0		DDH #10
42	4223	-	L.01	.03	-		112.0	114.0		#10
43	4224	-	L.01	.02	-		114.0	116.0		#10
44	4225	-	L.01	.01	-		116.0	118.0		#10
45	4226	-	L.01	.02	-		118.0	120.0		#10
46	4227	-	L.01	.04	-		120.0	122.0		#10
47	4228	-	L.01	.03	-		122.0	124.0		#10
48	4229	-	L.01	.04	-		126.0	128.0		#10
49	4230	-	L.01	L.01	-		128.0	130.0		#10
50	4231	-	.06	.19	-		23.0	25.0		#11
51	4232	-	.01	.04	-		25.0	27.0		#11
52	4233	-	L.01	.05	-		27.0	29.0		#11
53	4234	-	L.01	.03	-		29.0	31.0		#11
54	4235	-	L.01	.05	-		31.0	33.0		#11
55	4236	-	.01	.20	-		33.0	35.0		#11
56	4237	-	.01	.12	-		35.0	37.0		#11
57	4238	-	.01	.04	-		63.0	65.0		#11
58	4239	-	.13	.72	-		65.0	67.0		#11
59	4240	-	.04	.31	-		67.0	69.0		#11
60	4241	-	.11	.73	-		69.0	71.0		#11

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

TO Scope Explorations Ltd.

Certificate No. K-4337 2

Date August 13, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	FROM		TO		D.D.H.#
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	
21	1630		.02	.01		56.0		58.0	12
22	1631		.02	.01		37.0		39.0	11
23	1632		.03	.06		39.0		41.0	11
24	1633		.04	.09		41.0		43.0	11
25	1634		.03	.03		43.0		45.0	11
26	1635		.02	.01		45.0		47.0	11
27	1636		.02	.01		47.0		49.0	11
28	1637		.03	.01		49.0		51.0	11
29	1638		.02	.02		51.0		53.0	11
30	1639		.02	.02		53.0		55.0	11
31	1640		.03	.01		55.0		57.0	11
32	1641		.03	.04		57.0		59.0	11
33	1642		.02	.02		59.0		61.0	11
34	1644		.02	.02		61.0		62.2	11
35	1645		.03	.01		131.5		133.3	12
36	1646		.03	.01		133.3		135.3	12
37	PDH 81-9 250-260		-	.04					
38	260-270		-	.03					
39	270-280		-	.02					
40	280-290		-	.03					

L means "Less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.


Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Certificate No. K-4276

Date July 23, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH #
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent
61	4242	-	L.01	.13	-	71.0	73.0	DDH #11
62	4243	-	.08	.07	-	73.0	75.0	#11
63	4244	-	.08	.13	-	75.0	77.0	#11
64	4245	-	.09	.16	-	77.0	79.0	#11
65	4246	-	.07	.16	-	79.0	81.0	#11
66	4247	-	.10	.29	-	81.0	83.0	#11
67	4248	-	.11	.37	-	83.0	85.0	#11
68	4249	-	.12	.38	-	85.0	87.0	#11
69	4250	-	.06	.09	-	87.0	89.0	#11
L means "Less than"								

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH ASSAY LABORATORY LTD.

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4276

Date July 23, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No	Marked	GOLD	SILVER	Cu	Mo		FROM	TO		DDH #
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	1501	-	.15	.05	-		89.0	91.0		DDH #11
2	1502	-	.12	.03	-		91.0	93.0		#11
3	1503	-	.13	.03	-		93.0	95.0		#11
4	1504	-	.14	.03	-		95.0	97.0		#11
5	1505	-	.15	.03	-		97.0	99.0		#11
6	1506	-	.19	.28	-		99.0	101.0		#11
7	1507	-	.17	.18	-		101.0	103.0		#11
8	1508	-	.14	.04	-		103.0	105.0		#11
9	1510	-	.20	.26	-		105.0	107.0		#11
10	1511	-	.16	.08	-		107.0	109.0		#11
11	1512	-	.20	.24	-		109.0	111.0		#11
12	1513	L.001	.20	.18	-		111.0	113.0		#11
13	1514	L.001	.21	.28	-		113.0	115.0		#11
14	1515	L.001	.15	.12	-		115.0	117.0		#11
15	1516	L.001	.15	.08	-		117.0	119.0		#11
16	1517	L.001	.14	.13	-		119.0	121.0		#11
17	1518	L.001	.22	.26	-		121.0	123.0		#11
18	1519	L.001	.19	.24	L.001		123.0	125.0		#11
19	1520	L.001	.31	.43	.004		125.0	127.0		#11
20	1521	L.001	.19	.04	.007		127.0	129.0		#11

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Certificate No. K-4276 2

Date July 23, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	from	TO	DDH #
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent
21	1522	L.001	.17	.10	.003	129.0	131.0	DDH #11
22	1523	L.001	.16	.05	L.001	131.0	133.0	#11
23	1524	L.001	.12	.06	.003	133.0	135.0	#11
24	1525	L.001	.14	.03	.004	135.0	137.0	#11
25	1526	L.001	.18	.07	.009	137.0	139.0	#11
26	1527	L.001	.16	.05	.006	139.0	141.0	#11
27	1528	L.001	.16	.04	.004	141.0	143.0	#11
28	1529	L.001	.19	.06	.003	143.0	145.0	#11
29	1530	L.001	.18	.05	.003	145.0	147.0	#11
30	4211	-	.04	.16	.010	38.5	39.5	#10
31	4212	-	.08	.03	.134	81.0	82.0	#10
32	4213	-	.04	.01	-	92.0	94.0	#10
33	4214	-	.02	.03	-	94.0	96.0	#10
34	4215	-	L.01	.08	-	96.0	98.0	#10
35	4216	-	L.01	.05	-	98.0	100.0	#10
36	4217	-	.03	.06	-	100.0	102.0	#10
37	4218	-	.06	.05	-	102.0	104.0	#10
38	4219	-	.03	.03	-	104.0	106.0	#10
39	4210	-	L.01	.04	-	32.0	34.0	#10
40	4211	-	L.01	.01	-	38.5	39.5	#10

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. V0K 2B0 ATTENTION: MR. MAURICE MATHIEU


Certificate No. K-4288

Date July 27, 1981

I hereby certify that the following are the results of assays made by us upon the herein described VIMY samples

Kral No	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	Percent	DDH #
		Ounces Per Ton	Ounces Per Ton	Percent	Percent				
1	1531	.001	.04	.03	.008	147.0	149.0		DDH#11
2	1532	L.001	.05	.02	.001	149.0	151.0		#11
3	1533	L.001	.04	L.01	.002	151.0	153.0		#11
4	1534	L.001	.04	.03	.003	153.0	155.0		#11
5	1535	.001	.04	.04	.006	155.0	157.0		#11
6	1536	L.001	.04	.01	.001	157.0	159.0		#11
7	1537	L.001	.04	.02	.001	159.0	161.0		#11
8	1538	.001	L.01	.01	-	161.0	163.0		#11
9	1539	.001	.02	.04	-	163.0	165.0		#11
10	1540	L.001	.03	.01	-	165.0	167.0		#11
11	1541	L.001	.01	.08	-	167.0	169.0		#11
12	1542	L.001	.04	.03	-	169.0	171.0		#11
13	1543	.001	.04	.04	-	171.0	173.0		#11
14	1544	.002	.03	.01	-	173.0	175.0		#11
15	1545	L.001	.08	.39	-	175.0	177.0		#11
16	1546	.012	.04	.11	-	177.0	179.0		#11
17	1547	.001	.04	.04	-	179.0	181.0		#11
18	1548	L.001	.01	.11	-	181.0	183.0		#11
19	1549	.001	.02	.03	-	183.0	185.0		#11
20	1550	L.001	.04	.09	-	185.0	187.0		#11

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.



Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Scope Explorations Ltd.

Certificate No. K-4288 2

Date July 27, 1981

I hereby certify that the following are the results of assays made by us upon the herein described VIMY samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo		FROM	TO		DDH #
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
21	1551	.006	.03	.13	-		187.0	189.0		DDH #11
22	1552	.001	.03	.04	-		189.0	191.0		#11
23	1553	L.001	.02	.08	-		191.0	193.0		#11
24	1554	L.001	.04	.07	-		193.0	195.0		#11
25	1555	L.001	.03	.07	-		195.0	197.0		#11
26	1556	L.001	.02	.07	-		197.0	199.0		#11
27	1557	L.001	.01	.04	-		199.0	201.0		#11
28	1558	L.001	.08	.38	-		201.0	203.0		#11
29	1559	L.001	.04	.03	-		203.0	204.0		#11

L means "Less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4283

Date August 6, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

K.A. No.	Marked	Mo	FROM	TO	DDH#			
		percent						
1	1538	.001	161.0	163.0	11			
2	1539	.001	163.0	165.0	11			
3	1540	.001	165.0	167.0	11			
4	1541	.001	167.0	169.0	11			
5	1542	.002	169.0	171.0	11			
6	1543	.015	171.0	173.0	11			
7	1544	.001	173.0	175.0	11			
8	1545	.001	175.0	177.0	11			
9	1546	.001	177.0	179.0	11			
10	1547	.001	179.0	181.0	11			
11	1548	.001	181.0	183.0	11			
12	1549	.001	183.0	185.0	11			
13	1550	.020	185.0	187.0	11			
14	1551	.001	187.0	189.0	11			
15	1552	.001	189.0	191.0	11			
16	1553	.002	191.0	193.0	11			
17	1554	.026	193.0	195.0	11			
18	1555	.020	195.0	197.0	11			
19	1556	.002	197.0	199.0	11			
20	1557	.001	199.0	201.0	11			

NOTE:
 Assays retained three weeks.
 Pulps retained three months
 unless otherwise arranged

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Certificate No. K-4288 2

Date August 6, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Krai No.	Marked	Mo	FROM	TO	DDH#			
		percent						
21	1558	.002	201.0	203.0	11			
22	1559	.002	203.0	204.0	11			

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C.

VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4304

Date July 31, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No	Marked	GOLD	SILVER	Cu	Mo		FROM		TO	D.D.H.#
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	1560		.13	.07	.004		204.0		206.0	11
2	1561		.16	.04	.016		206.0		208.0	11
3	1562		.18	.08	.003		208.0		210.0	11
4	1563		.18	.05	.007		210.0		212.0	11
5	1564		.19	.04	.004		212.0		214.0	11
6	1565		.14	.02	.007		214.0		216.0	11
7	1566		.16	.04	.002		216.0		218.0	11
8	1567		.14	.03	.002		218.0		220.0	11
9	1568		.17	.04	.003		220.0		222.0	11
10	1569		.16	.02	.002		222.0		224.0	11
11	1570		.16	.17	.001		224.0		226.0	11
12	1571		.13	.04	.001		226.0		228.0	11
13	1572		.14	.03	.001		228.0		230.0	11
14	1573		.12	.03	.001		230.0		232.0	11
15	1574		.13	.02	.003		232.0		234.0	11
16	1575		.15	.23	.009		234.0		236.0	11
17	1576		.13	.04	.006		236.0		238.0	11
18	1577		.15	.12	.053		238.0		240.0	11
19	1578		.10	.03	.003		240.0		242.0	11
20	1579		.11	.02	.011		242.0		244.0	11

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Scope Explorations Ltd.

Certificate No. K-4304 2

Date July 31, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	D.D.H.#
		<i>Ounces Per Ton</i>	<i>Ounces Per Ton</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
21	1580		.17	.15	.038	244.0	246.0	11
22	1581		.14	.04	.004	246.0	248.0	11
23	1582		.11	.02	.004	248.0	250.0	11
24	1583		.16	.21	.002	250.0	252.0	11
25	1584		.12	.03	.002	252.0	254.0	11
26	1585		.16	.11	.003	254.0	256.0	11
27	1586		.14	.07	.002	256.0	258.0	11
28	1587		.14	.14	.013	269.0	271.0	11
29	1588		.13	.06	.003	271.0	273.0	11

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

 Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4309

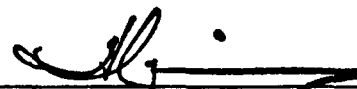
Date July 31, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo		FROM		TO	D.D.H.#
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	1589		.20	.12	L.001		273.0		275.0	11
2	1590		.19	.04	.001		275.0		277.0	11
3	1591		.19	.04	L.001		277.0		279.0	11
4	1592		.18	.09	L.001		279.0		281.0	11
5	1593		.18	.06	.001		281.0		283.0	11
6	1594		.23	.13	L.001		283.0		285.0	11
7	1595		.21	.08	L.001		285.0		287.0	11
8	1596		.17	.10	.010		287.0		289.0	11
9	1597		.10	.05	.001		289.0		291.0	11
10	1598		.20	.03	.002		291.0		293.0	11
11	1599		.17	.12	.001		293.0		295.0	11
12	1600		.11	.02	L.001		295.0		297.0	11
13	1601		.17	.05	L.001		267.0		269.0	11
14	1602		.18	.05	L.001		258.5		260.5	11
15	1603		.15	.02	.001		260.5		262.5	11
16	1604		.18	.04	.001		262.5		264.5	11
17	1605		.17	.07	.001		264.5		265.0	11

L means "Less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.



Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-3320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Scopè Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4337

Date August 13, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu		FROM		TO		D.D.H. #
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	1606		.03	.01		16.0		18.0		12
2	1607		.06	.01		18.0		20.0		12
3	1608		.05	.01		20.0		22.0		12
4	1609		.03	.03		22.0		24.0		12
5	1610		.05	.01		24.0		26.0		12
6	1611		.02	.03		26.0		28.0		12
7	1612		.05	.01		28.0		30.0		12
8	1613		.04	.01		30.0		32.0		12
9	1614		.04	.01		32.0		34.0		12
10	1615		.02	.01		34.0		36.0		12
11	1616		.02	.01		36.0		38.0		12
12	1617		.02	L.01		38.0		40.0		12
13	1618		.03	.01		40.0		42.0		12
14	1619		.03	.01		42.0		44.0		12
15	1620		.03	.01		44.0		46.0		12
16	1621		.03	.04		46.0		48.0		12
17	1626		.03	.08		48.0		50.0		12
18	1627		.03	.02		50.0		52.0		12
19	1628		.02	.02		52.0		54.0		12
20	1629		.02	.01		54.0		56.0		12

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



Member
Canadian Testing
Association

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

RECEIVED SEP 28 1981

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4431

Date September 24, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	FROM	TO	DDH#				
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	1696 B	L.001		115.3	117.3	#13				
2	1697 B	L.001		117.3	119.3	#13				
3	1698 B	L.001		119.3	121.3	#13				
4	1699 B	L.001		121.3	123.3	#13				
5	1700 B	.001		127.3	129.3	#13				
6	1701 B	.005		125.3	127.3	#13				
7	1702 B	.001		123.3	125.3	#13				
	L means "Less than"									

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

Check Coppers

TO Scope Explorations Ltd.

Certificate No. K-4388 2

Date September 14, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu		FROM	TO		DDH#	
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
21	1716B			.05		155.3	157.3		81-13	
22	1717			.02		217.0	219.0		81-13	
23	1719			.04		221.0	223.0		81-13	
24	1720B			.13		223.0	225.0		81-13	

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU


Certificate No. K-4455

Date September 16, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu						
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	1723		.06	.02		20.5	22.5	4.14		
2	1724		.07	.04		22.5	24.5			
3	1725		.04	.10		24.5	26.5			
4	1726		.09	.41		26.5	28.5			
5	1727		.08	.09		28.5	30.5			
6	1728		.08	.08		30.5	32.5			
7	1729		.08	.16		32.5	34.5			
8	1730		.08	.29		34.5	36.5			
9	1731		.07	.14		36.5	38.5			
10	1732		.08	.06		38.5	40.5			
11	1733		.06	.02		40.5	42.5	6.42		
12	1734		.09	.07		42.5	44.5			
13	1735		.09	.24		44.5	46.5			
14	1736		.10	.36		46.5	48.5			
15	1737		.14	.66		48.5	50.5			
16	1738		.07	.05		50.5	52.5			
17	1739		.07	.02		52.5	54.5			
18	1740		.08	.04		54.5	56.5			
19	1741		.08	.02		56.5	58.5		14	

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.


Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

RECEIVED SEP 28 1981

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4477

Date September 24, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH #		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	1744	.001	.14	.13		55.0	57.0	#15		
2	1745	.001	.13	.24		57.0	59.0	#15		
3	1746	.001	.16	.47		59.0	61.0	#15		
4	1747	.001	.12	.39		61.0	63.0	#15		
5	1748	.001	.15	.24		63.0	65.0	#15		
6	1749	.001	.11	.08		65.0	67.0	#15		
7	1750	L.001	.12	.06		67.0	69.0	#15		
8	6251	L.001	.12	.18		69.0	71.0	#15		
9	6252	.001	.31	1.91		71.0	73.0	#15		
10	6253	.012	.48	3.40		73.0	75.0	#15		
11	6254	.003	.56	4.70		75.0	77.0	#15		
12	6255	L.001	.12	.25		77.0	79.0	#15		
13	6256	.001	.11	.13		79.0	81.0	#15		
14	6257	.001	.13	.09		81.0	83.0	#15		
15	6258	.001	.13	.09		83.0	85.0	#15		
16	6259	.001	.13	.04		85.0	87.0	#15		
17	6260	.001	.14	.23		87.0	89.0	#15		
18	6261	.001	.21	1.23		89.0	91.0	#15		
19	6262	.002	.35	1.81		91.0	93.0	#15		
20	6263	.002	.21	1.32		93.0	95.0	#15		

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Certificate No. K-4516 2

RECEIVED OCT 09 1981

Date October 2, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH#		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
21	6299	.001	.06	.01		82.0	84.0	81-16		
22	6300	.002	.06	.01		84.0	86.0	16		
23	6301	.002	.07	.01		86.0	88.0	16		
24	6302	.002	.14	.01		88.0	90.0	16		
25	6303	.001	.10	.40		90.0	92.0	16		
26	6304	.001	.10	.45		92.0	94.0	16		
27	6305	.001	.05	.25		94.0	96.0	16		
28	6306	.001	.07	.14		96.0	98.0	16		
29	6307	.002	.09	.18		98.0	100.0	16		
30	6308	.002	.08	.22		100.0	102.0	16		
31	6309	.002	.26	.88		102.0	104.0	16		
32	6310	.002	.17	.12		104.0	106.0	16		
33	6311	.001	.09	.09		106.0	108.0	16		
34	6312	.001	.14	.31		108.0	110.0	16		
35	6313	.015	.27	1.16		110.0	112.0	16		
36	6314	.002	.16	.59		112.0	114.0	16		
37	6315	.002	.73	5.20		114.0	116.0	16		
38	6316	.004	.52	1.04		116.0	118.0	16		
39	6317	.002	.19	.46		118.0	120.0	16		
40	6318	.003	.35	1.04		120.0	122.0	16		

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Scope Explorations Ltd.

RECEIVED OCT 09 1981

Box 1101

Certificate No. K-4516

Merritt, B.C.

VOK 280

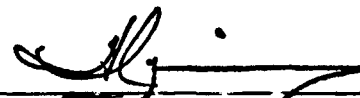
ATTENTION: MR. MAURICE MATHIEU

Date October 2, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH#		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	6279	.001	.10	.05		42.0	44.0	81-16		
2	6280	.001	.07	.04		44.0	46.0	16		
3	6281	.001	.06	.03		46.0	48.0	16		
4	6282	.001	.06	.04		48.0	50.0	16		
5	6283	.001	.12	.24		50.0	52.0	16		
6	6284	.001	.09	.05		52.0	54.0	16		
7	6285	.001	.05	.02		54.0	56.0	16		
8	6286	.001	.08	.02		56.0	58.0	16		
9	6287	.001	.06	.02		58.0	60.0	16		
10	6288	.001	.07	.03		60.0	62.0	16		
11	6289	.001	.08	.02		62.0	64.0	16		
12	6290	.001	.07	.03		64.0	66.0	16		
13	6291	.001	.05	.06		66.0	68.0	16		
14	6292	.001	.05	.04		68.0	70.0	16		
15	6293	.001	.07	.04		70.0	72.0	16		
16	6294	.001	.05	.05		72.0	74.0	16		
17	6295	.001	.07	.08		74.0	76.0	16		
18	6296	.001	.08	.01		76.0	78.0	16		
19	6297	.001	.03	.05		78.0	80.0	16		
20	6298	.001	.07	.25		80.0	82.0	16		

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.


Registered Assay, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

RECEIVED OCT 09 1981

TO Scope Explorations Ltd.

Certificate No. K-4510 3

Date October 2, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH #		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
41	6319	.004	.28	.65	.004	122.0	124.0	81-16		
42	6320	.002	.26	.19	.007	124.0	126.0	16		
43	6321	.001	.42	.28	.003	126.0	128.0	16		
44	6322	.001	.24	.19	.005	128.0	130.0	16		
45	6323	.001	.19	.05	.002	130.0	132.0	16		
46	6324	.002	.26	.29	.001	132.0	134.0	16		
47	6325	.001	.20	.12	.001	134.0	136.0	16		
48	6326	.001	.13	.08	.004	136.0	138.0	16		
49	6327	.002	.22	.16	.001	138.0	140.0	16		
50	6328	.002	.17	.04	.001	140.0	142.0	16		
51	6329	.002	.17	.03	.001	142.0	144.0	16		
52	6330	.001	.16	.02	.002	144.0	146.0	16		
53	6331	.001	.17	.04	.002	146.0	148.0	16		
54	6332	.002	.15	.02	.002	148.0	150.0	16		
55	6333	L.001	.11	.01	.005	150.0	152.0	16		

L means "Less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.


Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

Lawrence
Allegria
Assays

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

*Scope's
Copy.*

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4539

Date October 7, 1981

I hereby certify that the following are the results of assays made by us upon the herein described VINYL samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH#		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	6334		.09	.07	-	49.0	51.0	17		
2	6335		.06	.01	-	51.0	53.0	17		
3	6336		.09	.11	-	53.0	55.0	17		
4	6337		.06	.03	-	55.0	57.0	17		
5	6338		.06	.11	-	57.0	59.0	17		
6	6339		.09	.16	-	94.0	96.0	17		
7	6340		.09	.01	-	96.0	98.0	17		
8	6341		.06	.01	-	98.0	100.0	17		
9	6342		.09	.01	-	100.0	102.0	17		
10	6343		.06	.02	-	102.0	104.0	17		
11	6344		.06	.02	-	104.0	106.0	17		
12	6345		.26	1.30	-	106.0	108.0	17		
13	6346		.06	.01	-	108.0	110.0	17		
14	6347		.06	.01	-	110.0	112.0	17		
15	6348		.09	.04	-	112.0	114.0	17		
16	6349		.29	.49	L.01	114.0	116.0	17		
17	6350		.03	.03	-	116.0	118.0	17		
18	6351		.09	.08	-	118.0	120.0	17		
19	6352		.06	.06	-	120.0	122.0	17		
20	6353		.06	.06	-	122.0	124.0	17		

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

Scope
B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Scope Explorations Ltd.

Certificate No. K-4539 2

Date October 7, 1981

I hereby certify that the following are the results of assays made by us upon the herein described VIMY samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH#		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
21	6354		.06	.12	-	124.0	126.0	17		
22	6355		.09	.21	-	126.0	128.0	17		
23	6356		.06	.08	-	128.0	130.0	17		
24	6357		.06	.01	-	130.0	132.0	17		
25	6358		.06	.03	-	132.0	134.0	17		
26	6359		L.01	.01	-	134.0	136.0	17		
27	6360		.09	.27	-	136.0	138.0	17		
28	6361		.09	.24	-	138.0	140.0	17		
29	6362		.03	.12	-	140.0	142.0	17		
30	6363		.06	.09	-	142.0	144.0	17		
31	6364		.06	.14	-	144.0	146.0	17		
32	6365		.09	.26	-	146.0	148.0	17		
33	6366		.03	.10	-	148.0	150.0	17		
34	6367		.06	.06	-	150.0	152.0	17		
35	6368		.03	.02	-	152.0	154.0	17		
36	6369		.03	.01	-	154.0	156.0	17		
37	6370		.03	.10	-	156.0	158.0	17		
38	6371		.06	.15	-	158.0	160.0	17		
39	6372		.03	.06	-	160.0	162.0	17		
40	6373		.06	.11	-	162.0	164.0	17		

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.


Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

Scope

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Certificate No. K-4539 3

Date October 7, 1981

I hereby certify that the following are the results of assays made by us upon the herein described VIMY samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH #		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
41	6374		.23	1.35	-	164.0	166.0	17		
42	6375		.08	.04	L.01	167.0	168.0	17		
43	6376		.09	.07	L.01	168.0	170.0	17		
44	6377		.09	.04	.01	170.0	172.0	17		
45	6378		.06	.02	L.01	172.0	174.0	17		
46	6379		.06	.03	-	174.0	176.0	17		
47	6380		.06	.02	-	176.0	178.0	17		
48	6381		.09	.02	-	178.0	180.0	17		
49	6382		.06	.04	-	180.0	182.0	17		
50	6383		.03	.04	-	182.0	184.0	17		
51	6384		.03	.02	-	184.0	186.0	17		
52	6385		.06	.04	-	186.0	188.0	17		
53	6386		.03	.05	-	188.0	190.0	17		
54	6387		.03	.07	-	190.0	192.0	17		
55	6388		.06	.09	-	192.0	194.0	17		
56	6389		.20	.16	.03	194.0	196.0	17		
57	6390		.15	.07	L.01	196.0	198.0	17		
58	6391		.09	.02	L.01	198.0	200.0	17		
59	6392		.26	.25	.05	200.0	200.5	17		

L means "Less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

Scope
B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

RECEIVED OCT 15 1981

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 280 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4548

Date October 13, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo	FROM	TO	DDH#		
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	6393		.32	.61	L.01	201.0	203.0	17		
2	6394		.20	.02	L.01	203.0	205.0	17		
3	6395		.15	.10	L.01	205.0	207.0	17		
4	6396		.09	.06	L.01	207.0	209.0	17		
5	6397		.12	.03	L.01	209.0	213.0	17		
6	6398		.12	.03	L.01	213.0	215.0	17		
7	6399		.09	.03	L.01	215.0	215.0	17		
8	6400		.06	.13	L.01	215.0	219.0	17		
9	6401		.20	.12	L.01	219.0	229.0	17		
10	6402		.06	.05	L.01	229.0	223.0	17		
11	6403		.12	.03	L.01	221.0	223.0	17		
12	6404		.09	.02	L.01	223.0	225.0	17		
13	6405		.06	.04	L.01	225.0	227.0	17		

L means "Less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4575

Date October 20, 1981

I hereby certify that the following are the results of assays made by us upon the herein described PROJECT VIMY samples

Kral No.	Marked	Ag	Cu	FROM	TO	DDH#			
		Ounces Per Ton	Percent						
1	6406	.06	.04	60.0	62.0	81-18			
2	6407	.06	.02	62.0	64.0	18			
3	6408	.06	.13	64.0	66.0	18			
4	6409	.09	.11	66.0	68.0	18			
5	6410	.09	1.30	68.0	70.0	18			
6	6411	.09	.11	70.0	72.0	18			
7	6412	.06	.17	72.0	74.0	18			
8	6413	.15	.28	74.0	76.0	18			
9	6414	.96	8.6	76.0	78.0	18			
10	6415	.76	5.1	78.0	80.0	18			
11	6416	.06	.10	80.0	82.0	18			
12	6417	.21	17.1	82.0	84.0	18			
13	6418	.06	.95	84.0	86.0	18			
14	6419	.03	.11	86.0	88.0	18			
15	6420	L .01	.05	88.0	90.0	18			
16	6421	L .01	.05	90.0	92.0	18			
17	6422	.09	.05	92.0	94.0	18			
18	6423	.09	.05	94.0	96.0	18			
19	6424	.09	4.6	96.0	98.0	18			
20	6425	.06	.09	98.0	100.0	18			
21	6426	.06	.08	100.0	102.0	18			
22	6427	.03	.03	102.0	104.0	18			
23	6428	.06	.03	104.0	106.0	18			

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



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2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0

ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4575

Date October 20, 1981

I hereby certify that the following are the results of assays made by us upon the herein described PROJECT VIMY samples

Kral No.	Marked	Ag	Cu	Mo	FROM	TO	DDH #	
24	6429	.06	.22	-	106.0	108.0	81-18	
25	6430	.06	.09	-	108.0	110.0	18	
26	6431	.06	.10	-	110.0	112.0	18	
27	6432	.06	.08	-	112.0	114.0	18	
28	6433	.09	.06	-	114.0	116.0	18	
29	6434	.23	.30	.003	116.0	118.0	18	
30	6435	.06	.05	-	118.0	120.0	18	
31	6436	.09	.03	-	120.0	122.0	18	
32	6437	.12	.13	-	122.0	124.0	18	
33	6438	.19	.06	.023	124.0	126.0	18	
34	6439	.24	.14	.017	126.0	128.0	18	
35	6440	.13	.09	-	128.0	130.0	18	
36	6441	.08	.03	-	130.0	132.0	18	
37	6442	.05	.03	-	132.0	134.0	18	
38	6443	.05	L .01	-	134.0	136.0	18	

L means "Less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Lawrence Mining Ltd.
Box 1101
Merritt, B.C. VCK 2B0 ATTENTION: MR. M. MATHIEU


Certificate No. K-4033

Date June 11, 1981

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No	Marked	Cu							
	<u>weighed at 1 gram</u>	percent							
1	4042	.11							
2	4043	.56							
3	4044	.50							
4	4050	1.07							
	<u>weighed at 5 grams</u>								
5	4061	.04							
6	4062	.08							
7	4063	.03							
8	4064	.02							
9	4065	.04							

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.



Registered Assayer, Province of British Columbia



Member
Canadian Testing
Association

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.
V1S 1A7

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Scope Explorations Ltd.

Box 1101

Merritt, B.C. VOK 2B0 ATTENTION: MR. MAURICE MATHIEU

Certificate No. K-4242

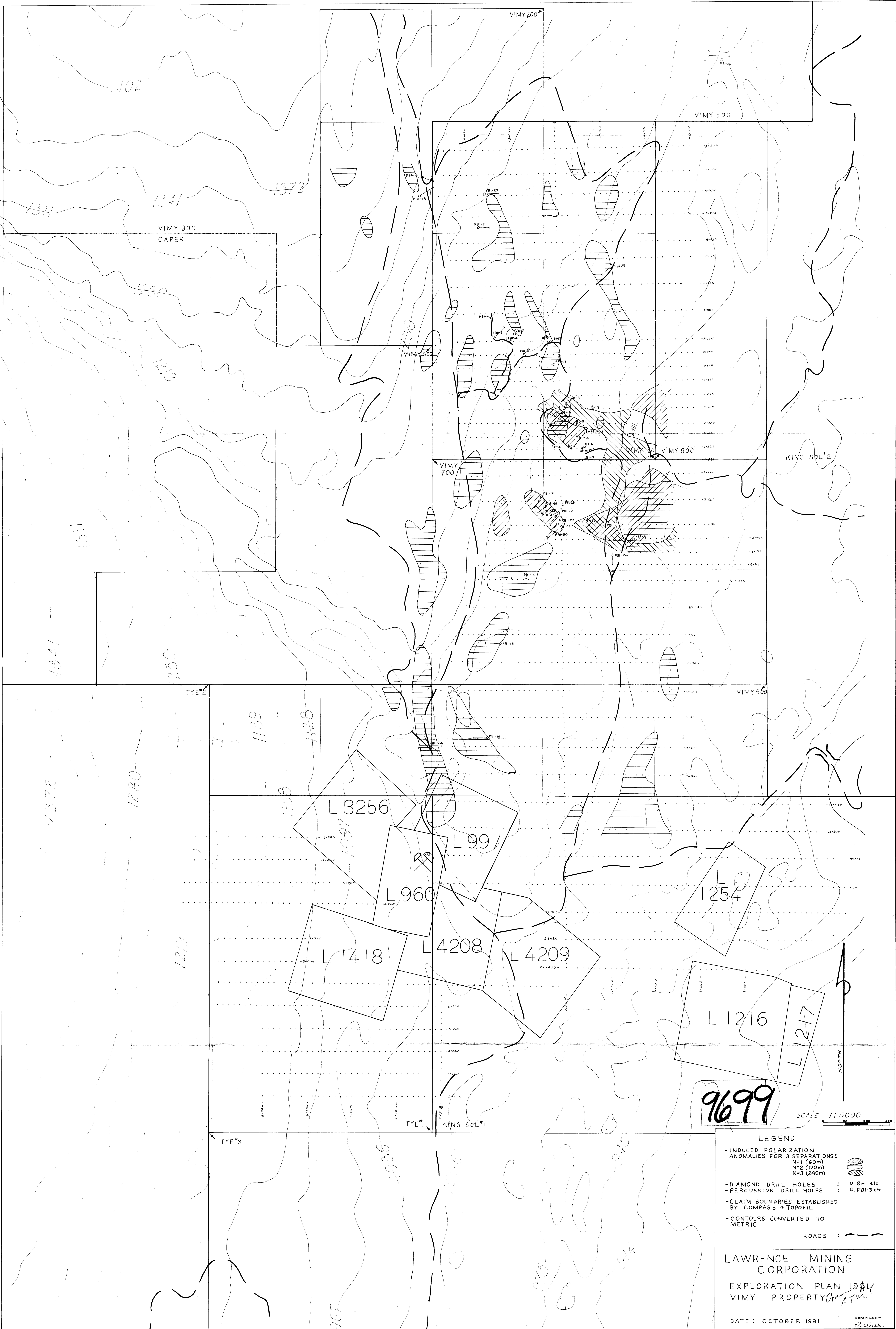
Date July 15, 1981

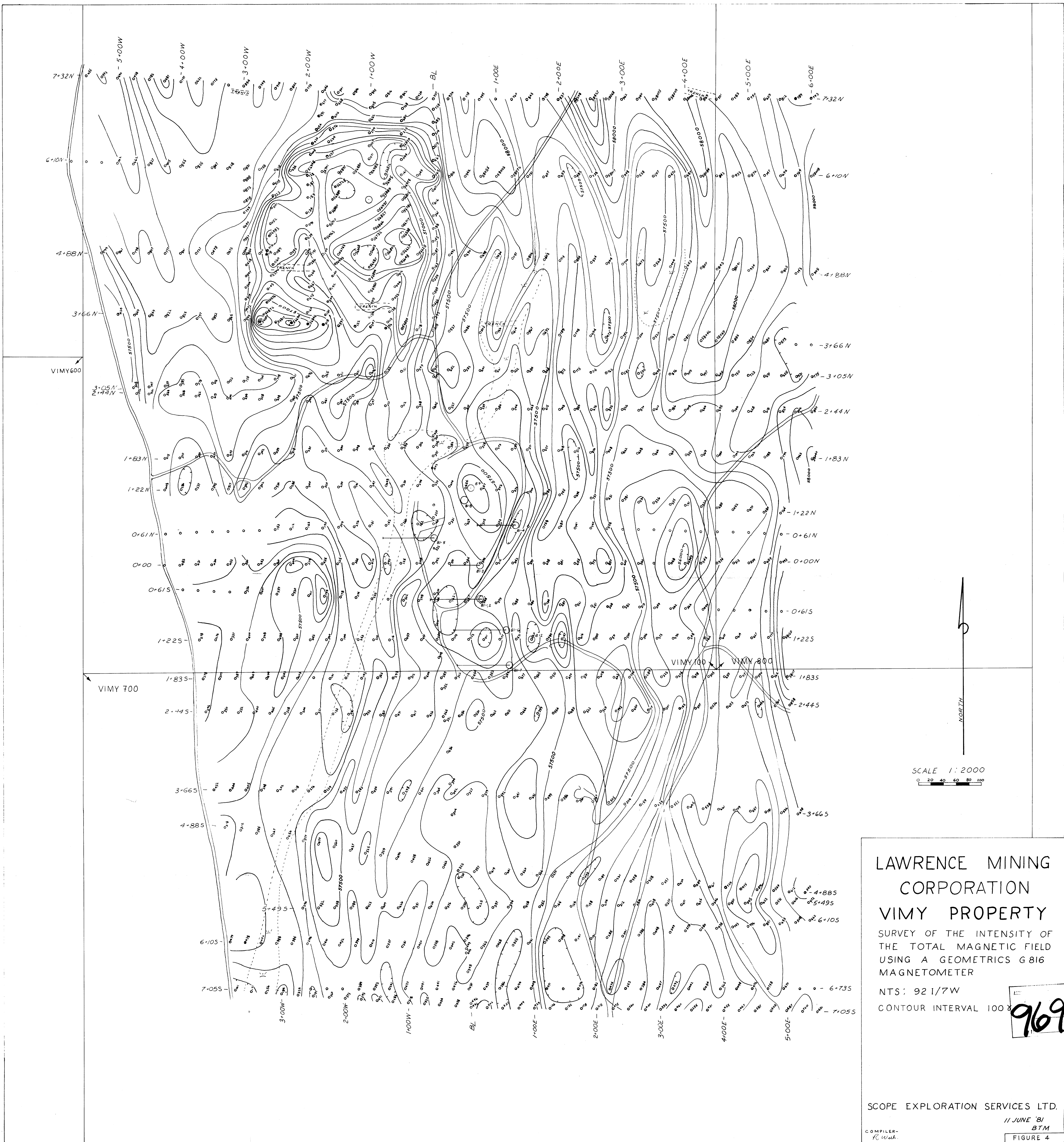
I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	GOLD	SILVER	Cu						
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	20' - 30'		-	.01						
2	30' - 40'		-	.01						
3	40' - 50'		-	.01						
4	50' - 60'		-	.01						
5	60' - 70'		-	.01						
6	70' - 80'		-	.01						
7	80' - 90'		-	.01						
8	90' - 100'		-	.01						
9	100' - 110'		-	.01						
10	110' - 120'		-	.01						
11	120' - 130'		-	.01						
12	130' - 140'		-	.01						
13	140' - 150'		-	.01						
14	150' - 160'		-	.01						
15	160' - 170'		-	.01						
16	170' - 180'		-	.01						
17	180' - 190'		-	.01						
18	190' - 200'		-	.01						
19	4206		.30	.01						
20	4207		.08	.01						

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia





LAWRENCE MINING CORPORATION
 VIMY PROPERTY

SURVEY OF THE INTENSITY OF THE TOTAL MAGNETIC FIELD USING A GEOMETRICS G816 MAGNETOMETER

NTS: 921/7W
 CONTOUR INTERVAL 100

9699

VIMY SECTION (Looking North)

D.D.H. 81-1, 81-2

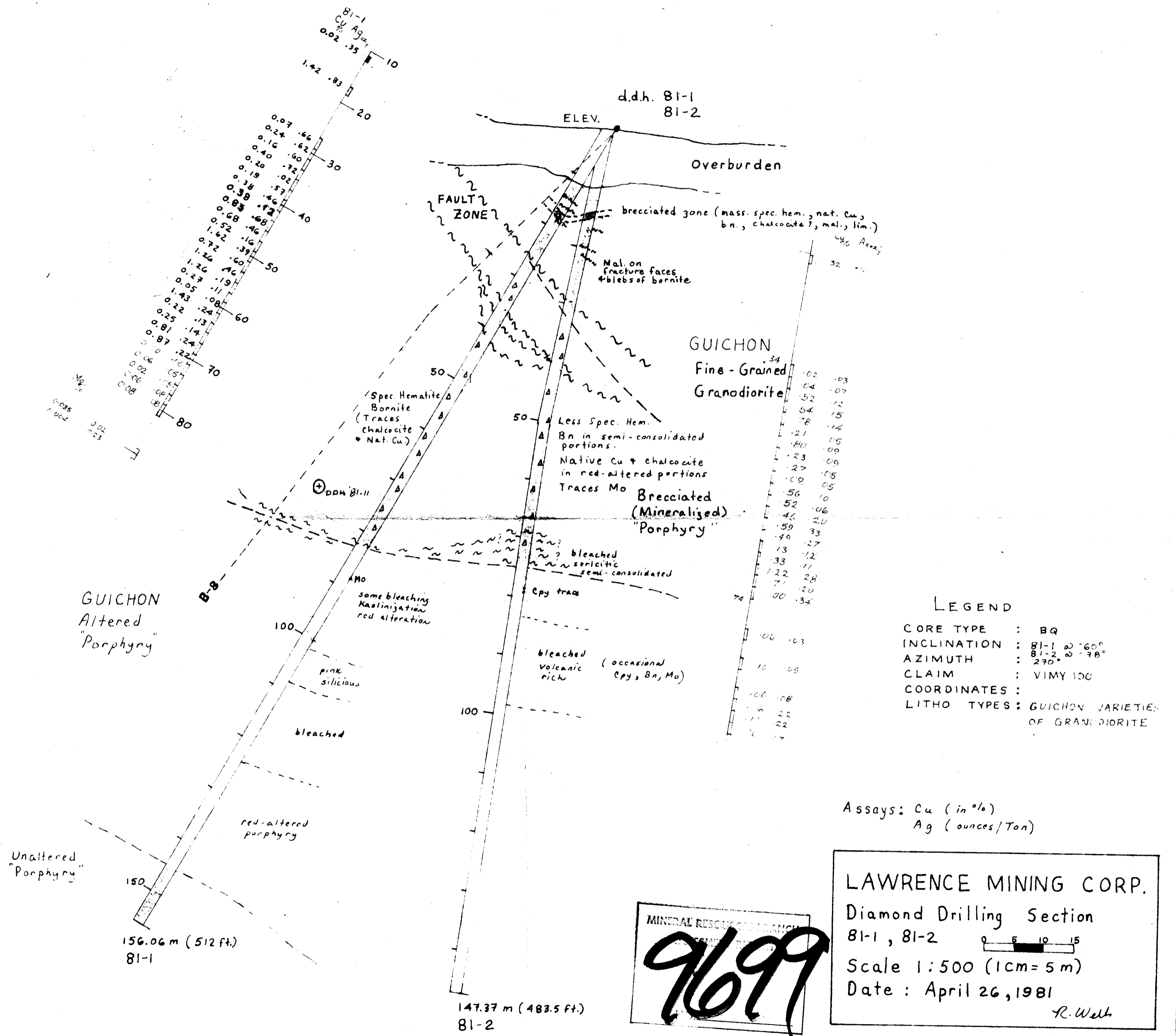
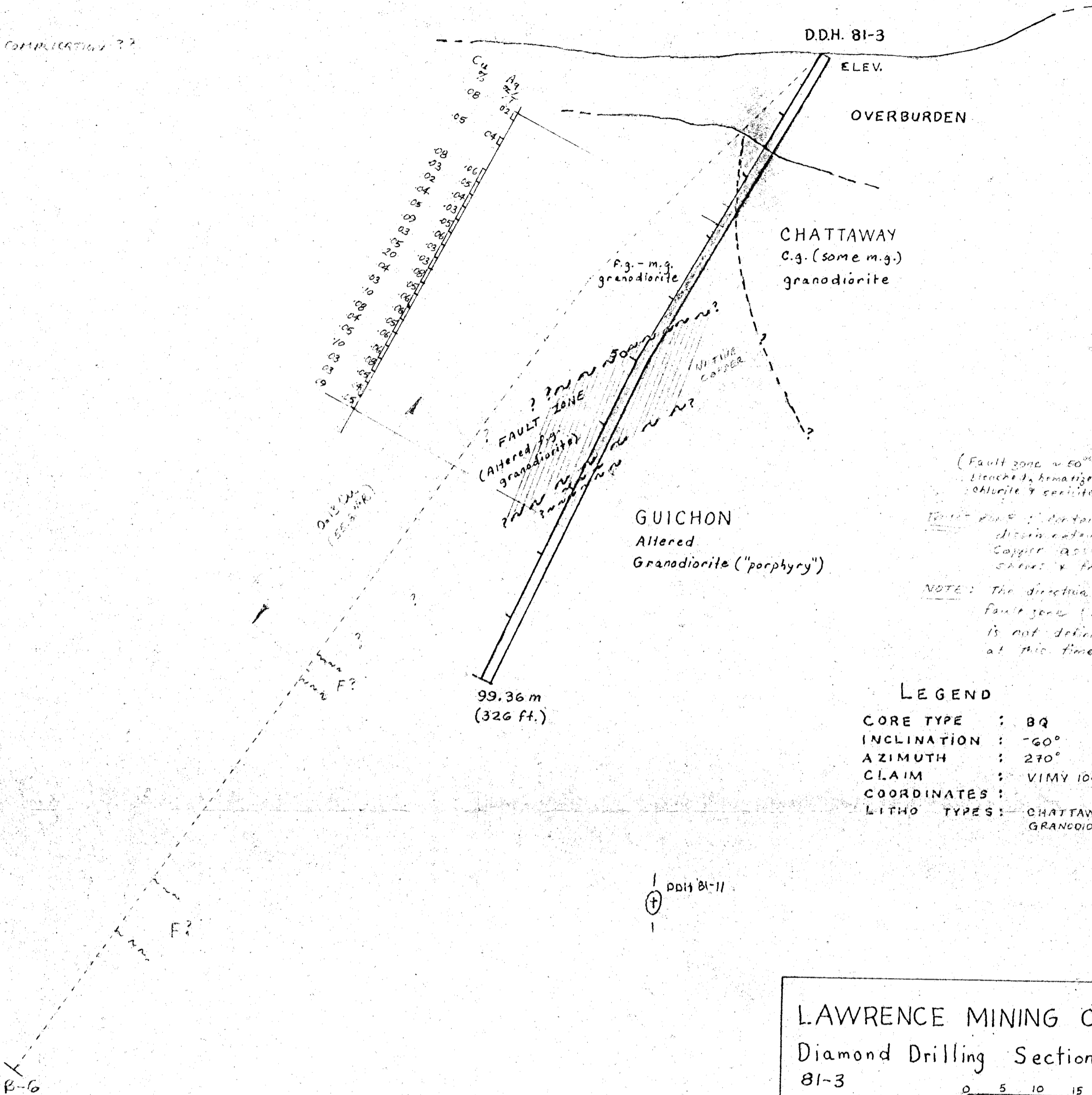


FIGURE 5

SECTION LOOKING NORTH D.D.H. 81-3
VIMY PROPERTY

NOTE: STRIKE SLIP COMPLEXION??

B-5 B-6 B-3



(Fault zone is 50% semi-consolidated brecciated, hematized, contains chlorite & epidote)

Fault zone contains variable disseminated magnetite copper associated with shear & fracture faces

NOTE: The direction of the fault zone (strike slip) is not definitely known at this time.

LEGEND

- CORE TYPE : BQ
- INCLINATION : -60°
- AZIMUTH : 270°
- CLAIM : VIMY 100
- COORDINATES :
- LITHO TYPES : CHATTAWAY & GUICHON GRANODIORITE

LAWRENCE MINING CORP.
Diamond Drilling Section
81-3
Scale 1:500 (1cm = 5m)
Date: May 1981
R. Wells.

FIGURE 6

MINERAL RESOURCES BRANCH
91699
NO.

SECTION LOOKING NORTH D.D.H. 81-4
VIMY PROPERTY

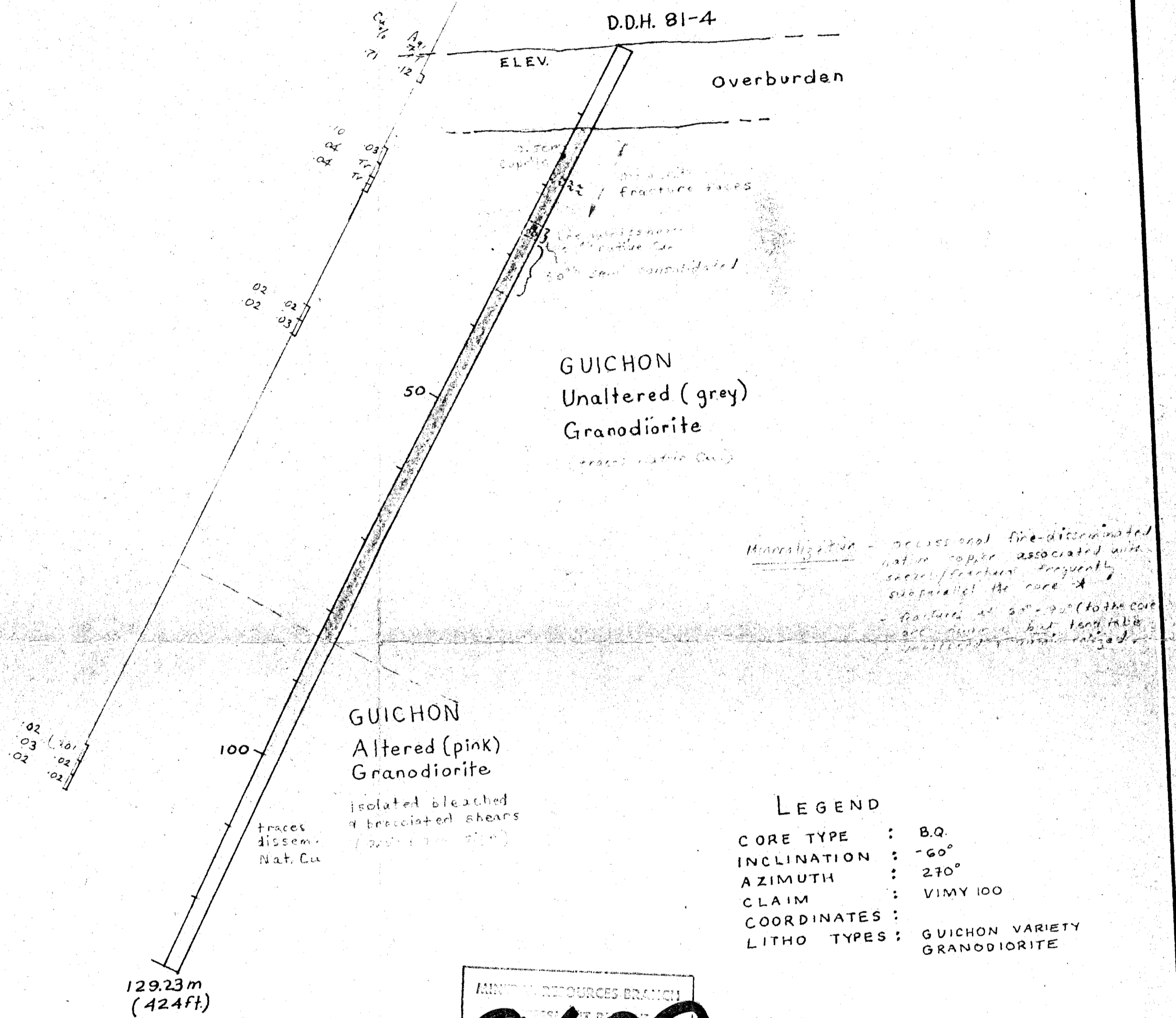
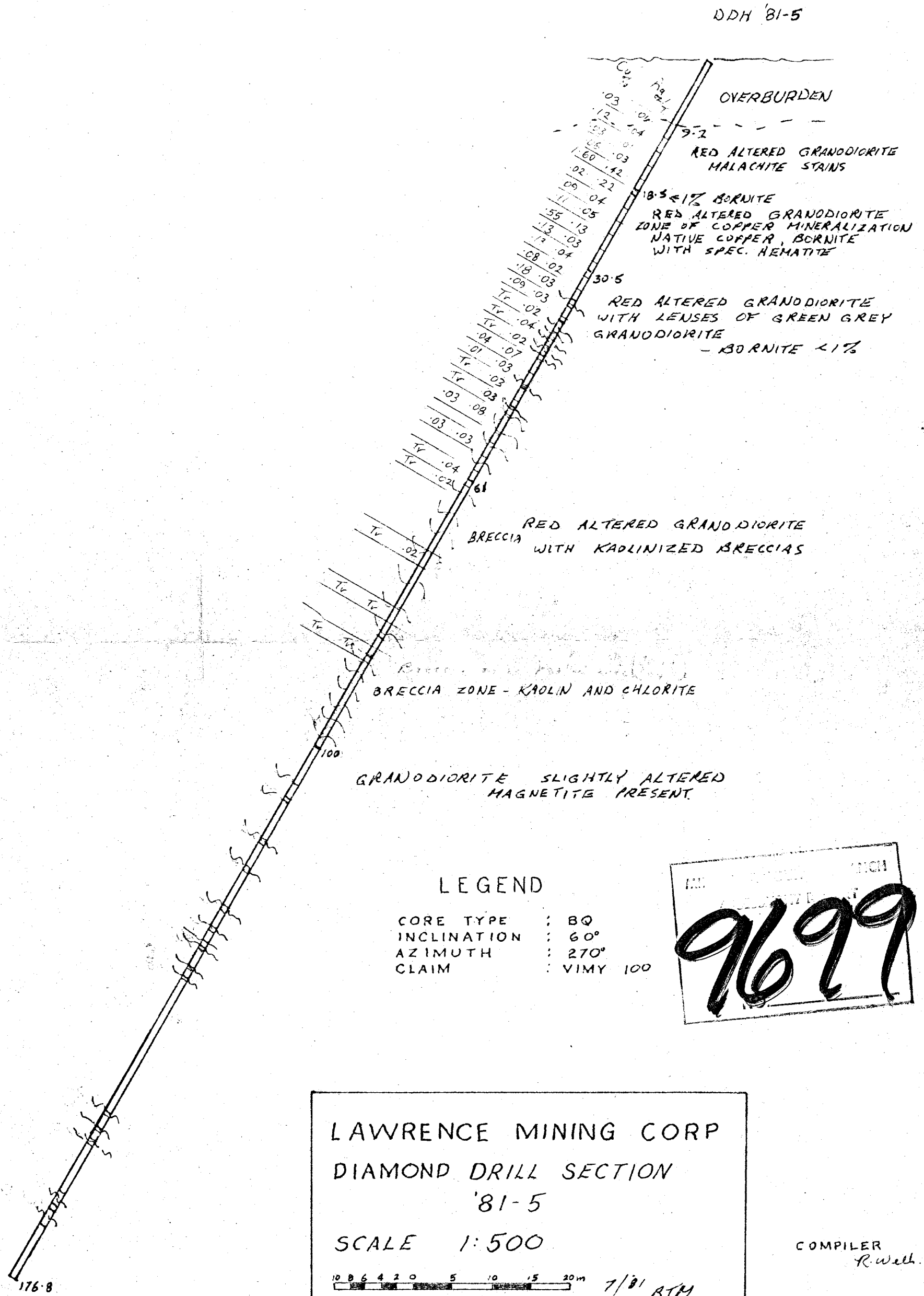


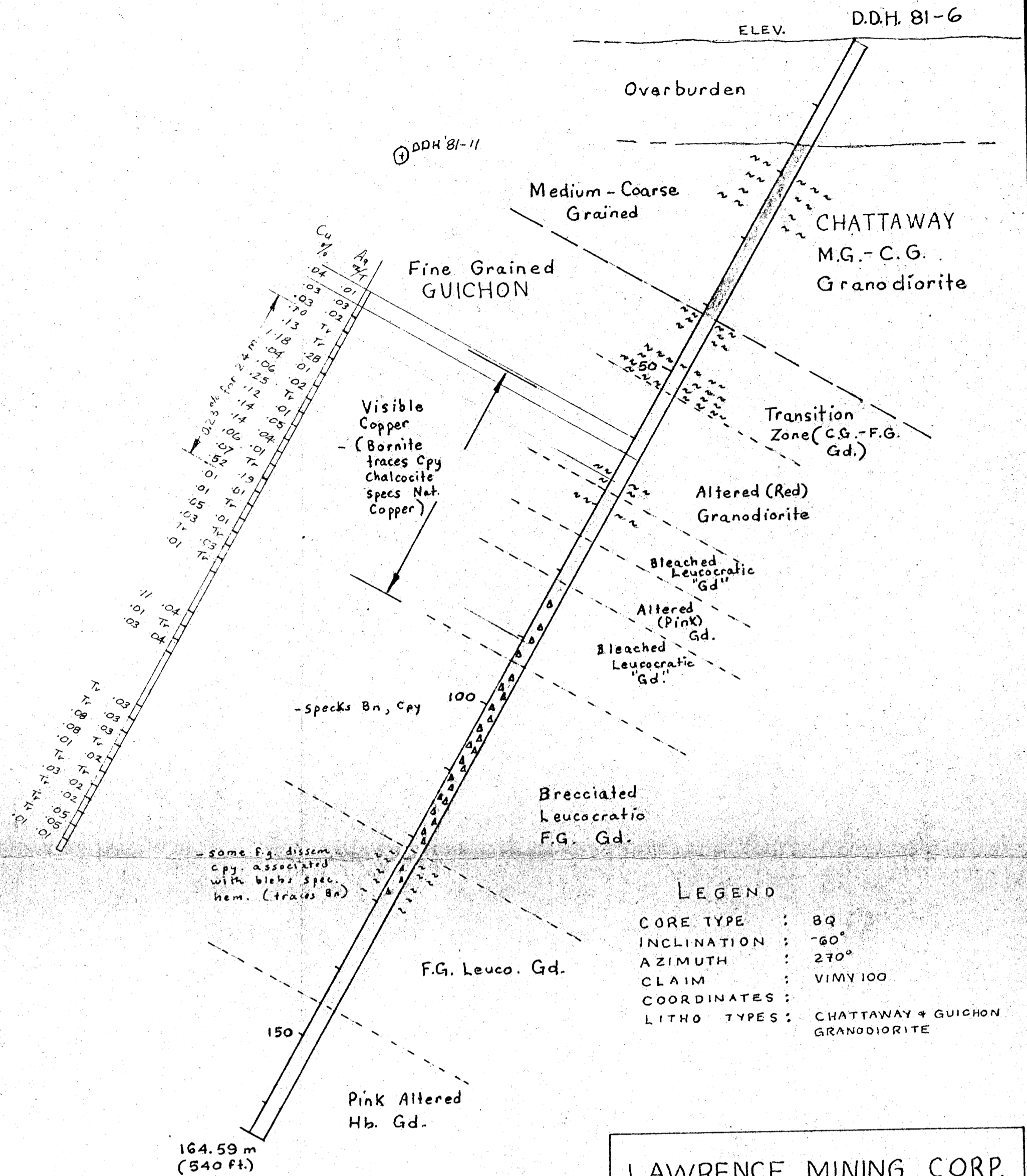
FIGURE 7

SECTION LOOKING NORTH DDH '81-5



SECTION LOOKING NORTH D.D.H. 81-6 VIMY PROPERTY

Note: True dip of the contacts not known.

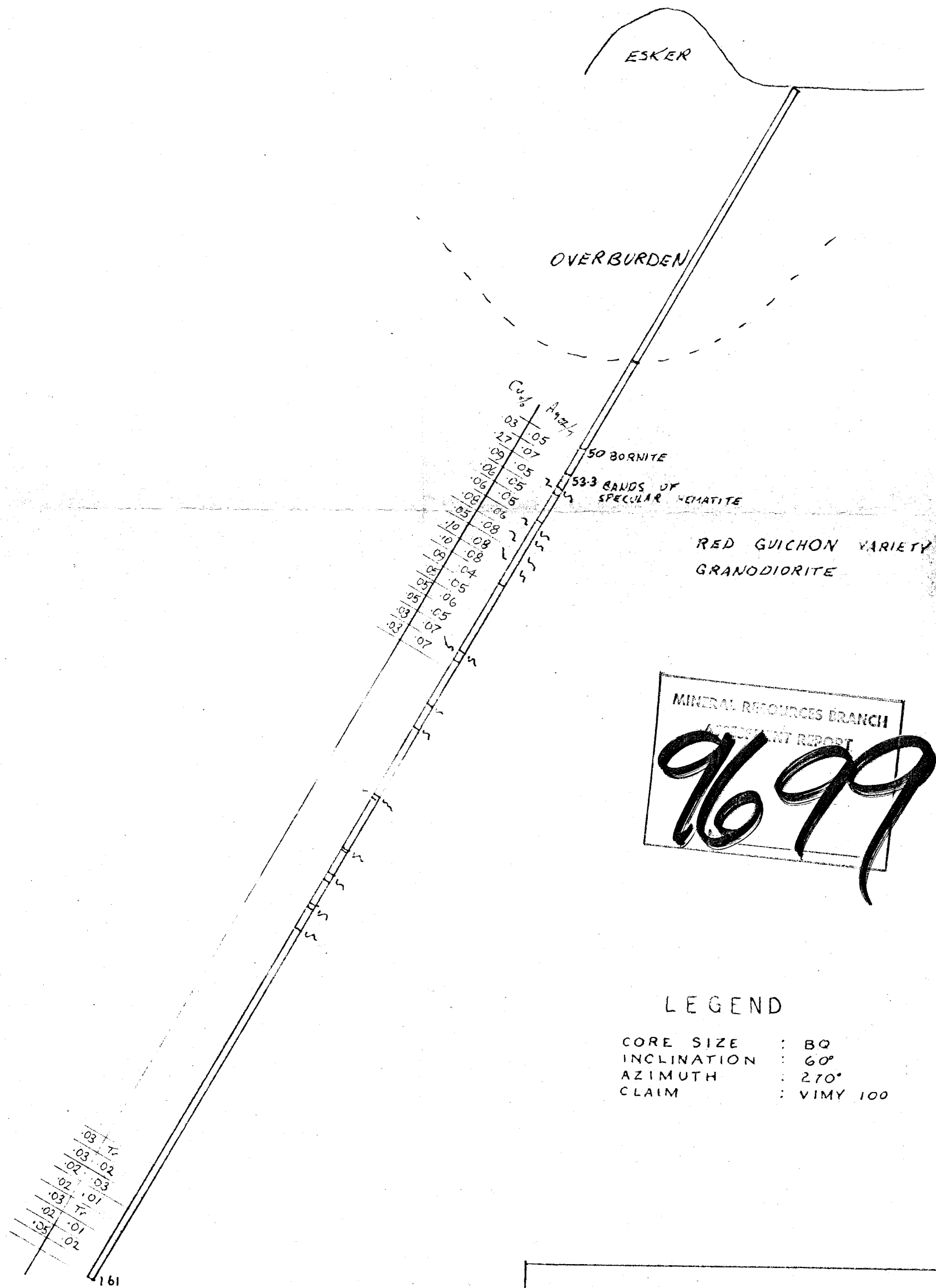


LAWRENCE MINING CORP.
 Diamond Drilling Section
 81-6
 Scale 1:500 (1cm = 5m)
 Date: May 29 1981
R. With.

9699

FIGURE 9

SECTION LOOKING NORTH DDH '81-7



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9699

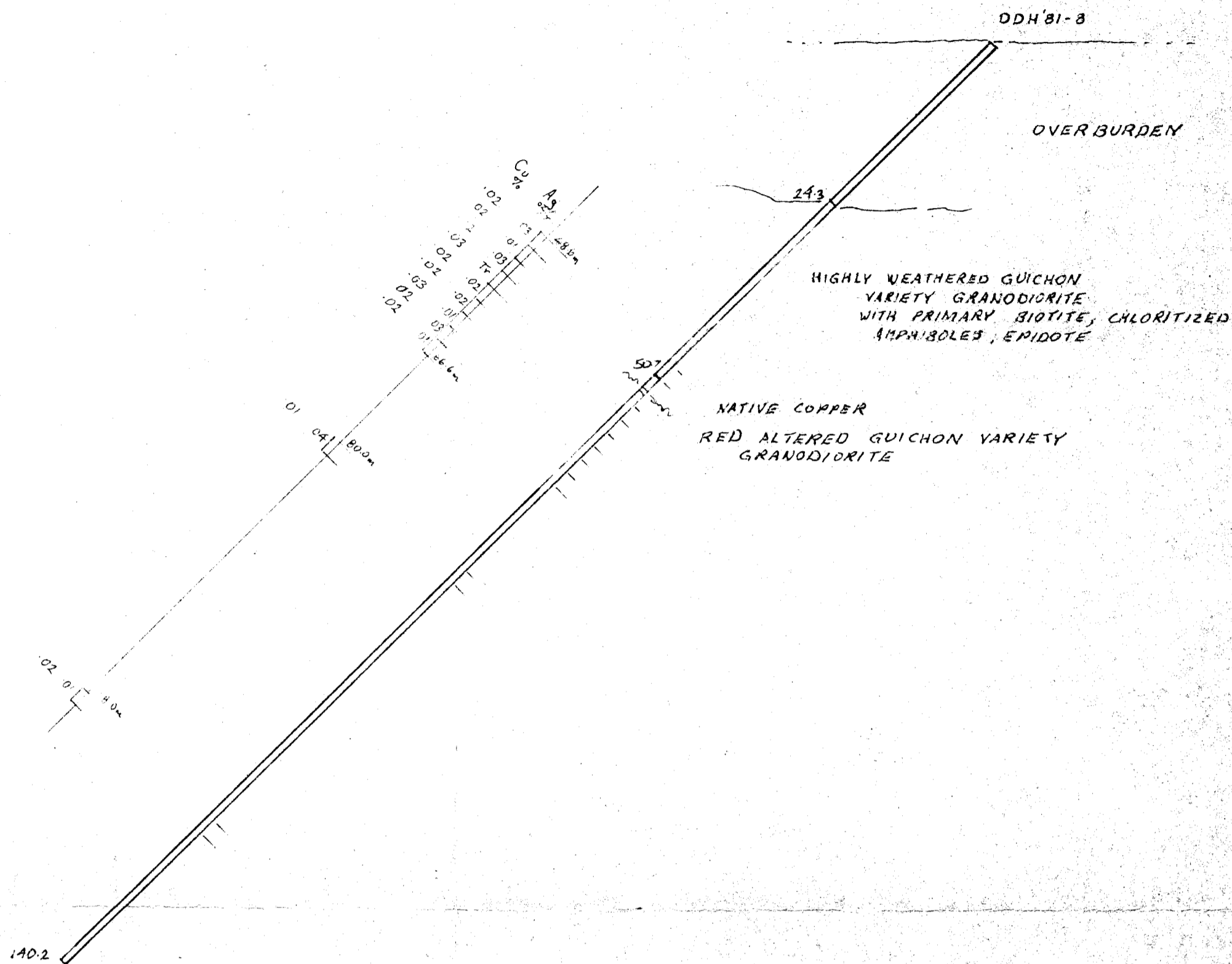
LEGEND
CORE SIZE : BQ
INCLINATION : 60°
AZIMUTH : 270°
CLAIM : VIMY 100

LAWRENCE MINING CORP
DIAMOND DRILL SECTION
'81-7
SCALE 1:500
10 8 6 4 2 0 5 10 15 20m 1/81 BTM

COMPILER
R. Well

FIGURE 10

SECTION LOOKING NORTH DDH '81-8



LEGEND

CORE SIZE : 8Q
 INCLINATION : 45°
 AZIMUTH : 270°
 CLAIM : VIMY 100

MINERAL REFINANCING RANCH
 9699

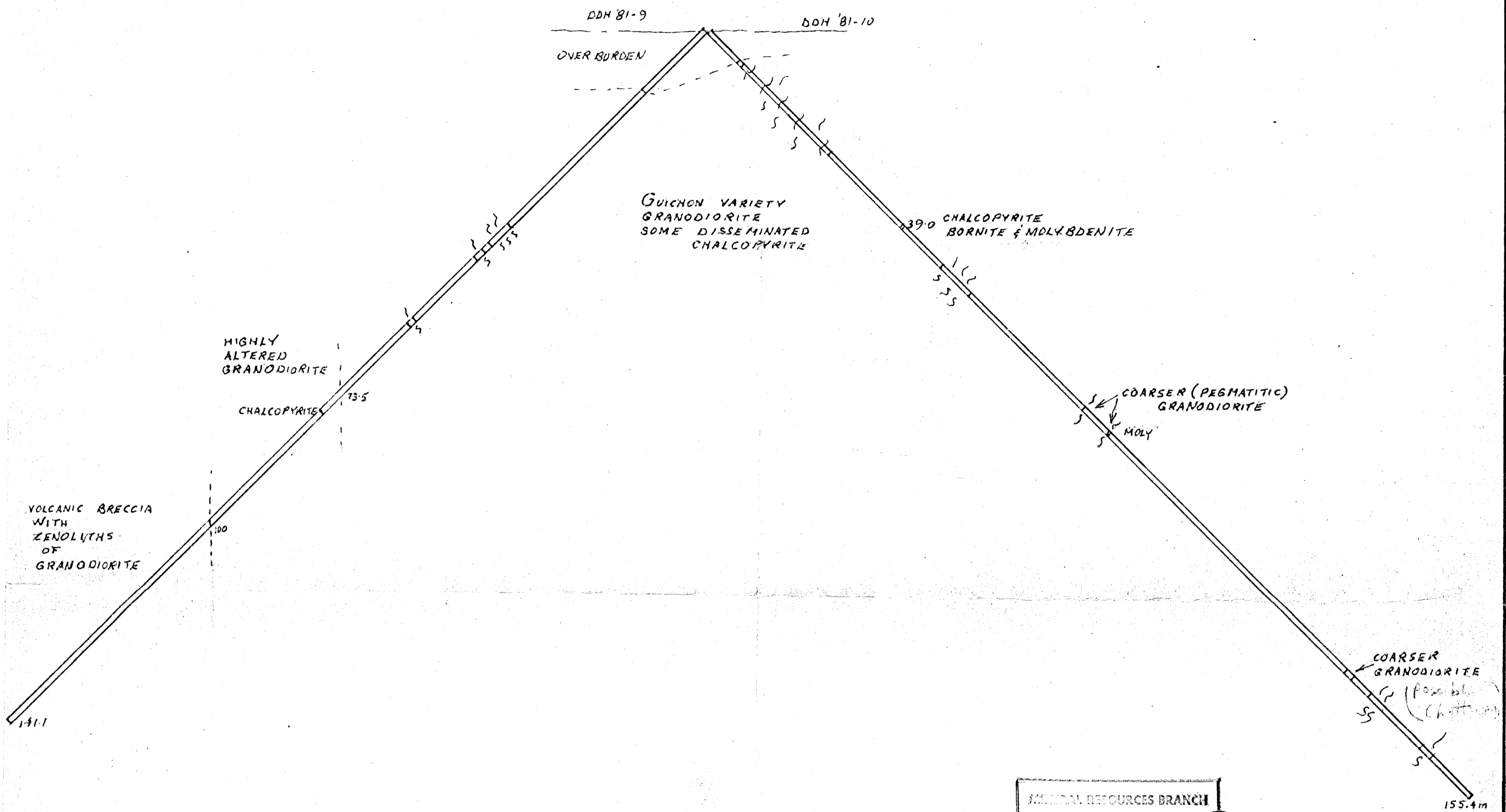
LAWRENCE MINING CORP.
 DIAMOND DRILL SECTION
 DDH '81-8
 SCALE 1:500

0 5 10 15 20m 8/8' BTM

COMPILER
 R. Webb

FIGURE II

SECTION LOOKING NORTH DDH'S '81-9 & '81-10



FEDERAL RESOURCES BRANCH
ASSESSMENT REPORT
9699
NO.

LEGEND

CORE TYPE : BQ
INCLINATION : 45°
AZIMUTH : '81-9 @ 270°
 : '81-10 @ 090°
CLAIM : VIMY 100

COMPILER
R. Well.

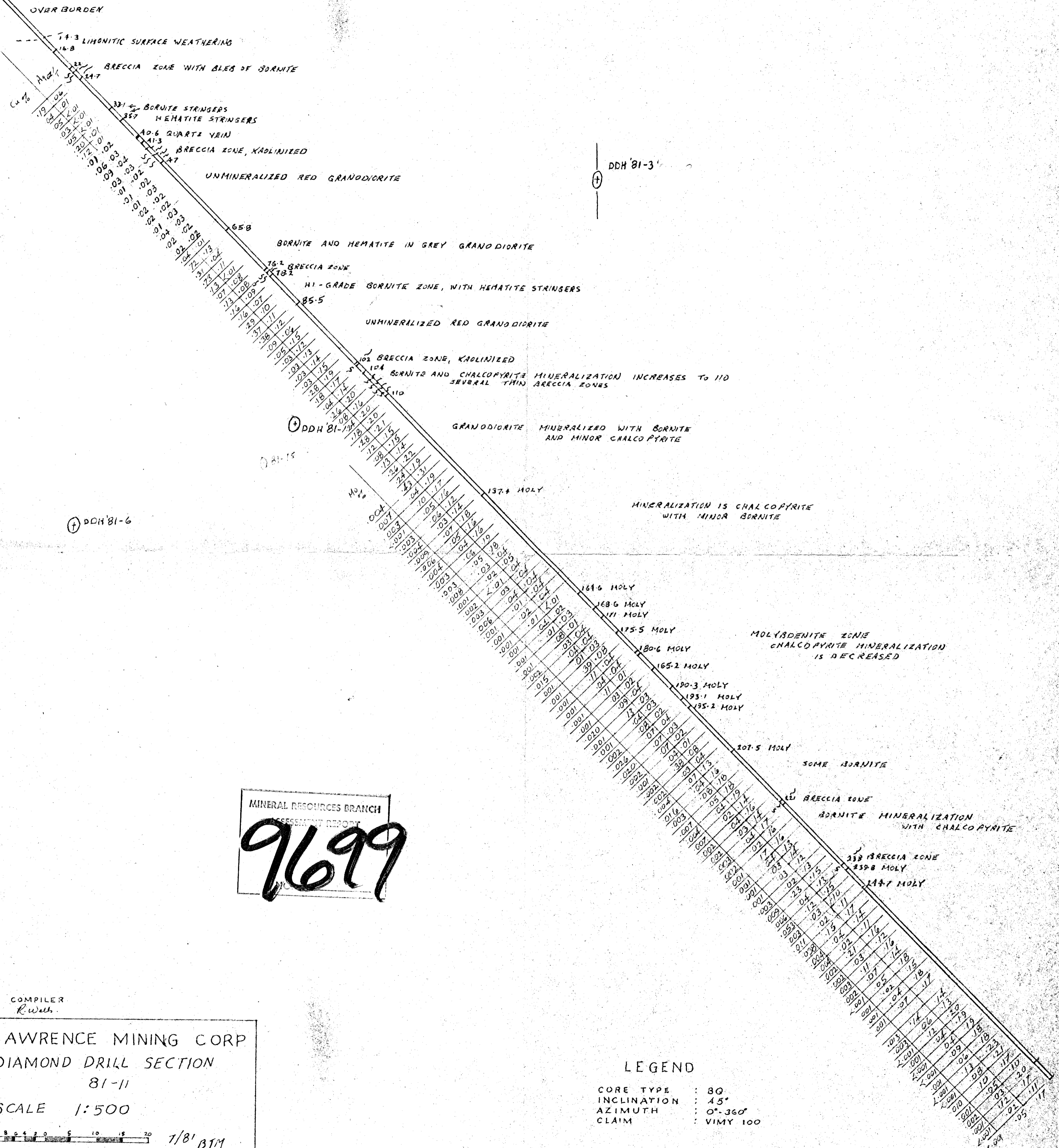
LAWRENCE MINING CORP.
DIAMOND DRILL SECTION
'81-9 & '81-10
SCALE 1:500

10 0 5 10 15 20 m 7/81 BTM

FIGURE 12

SECTION LOOKING WEST DDH '81-11

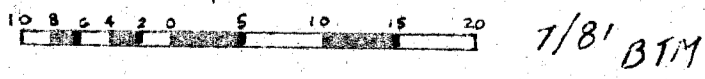
DDH '81-11
(14253, 0750E @ 45° North)



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9699

COMPILER
R. Webb

LAWRENCE MINING CORP
DIAMOND DRILL SECTION
81-11
SCALE 1:500

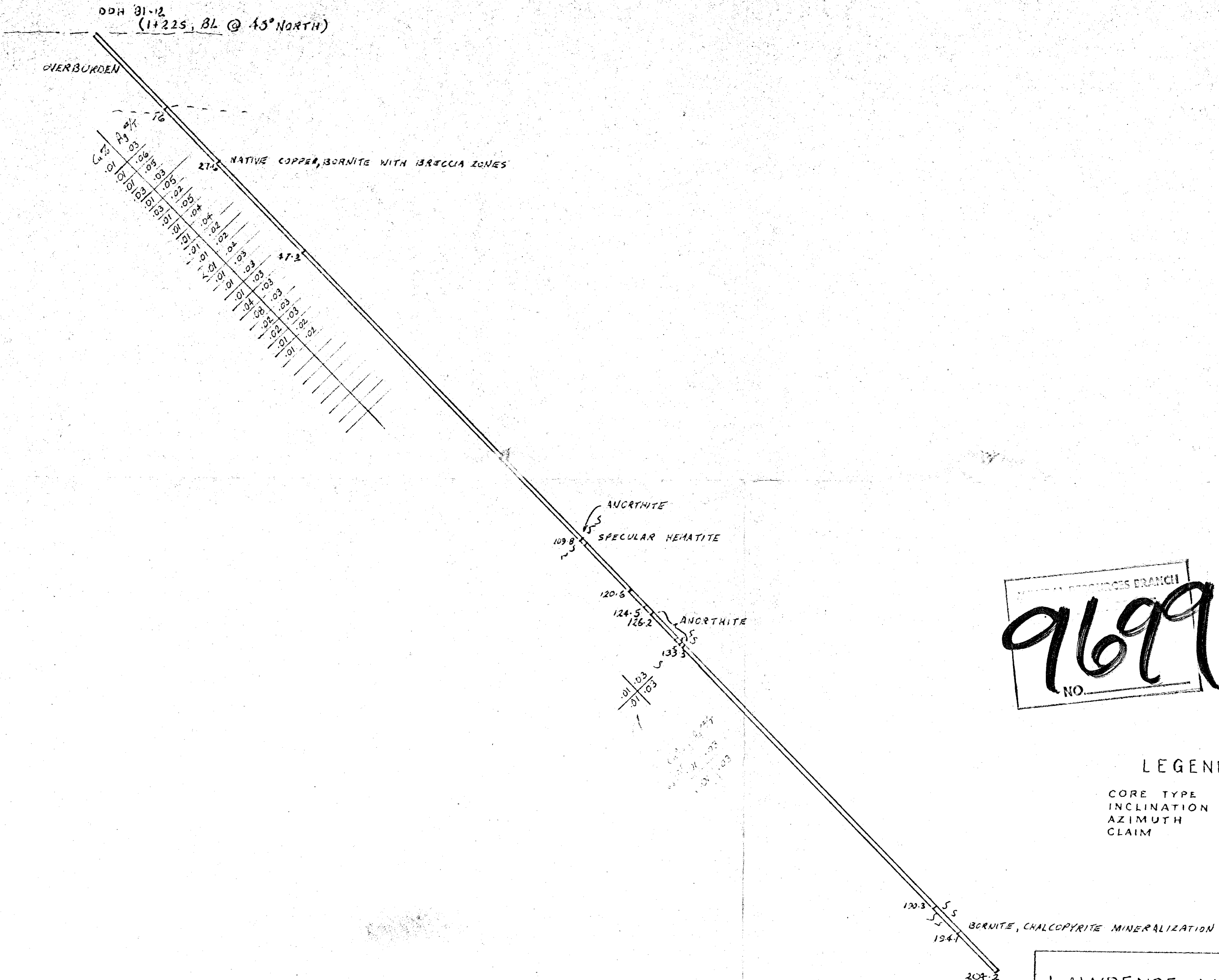


LEGEND

- CORE TYPE : 80
- INCLINATION : 45°
- AZIMUTH : 0°-360°
- CLAIM : VIMY 100

FIGURE 13

SECTION LOOKING WEST DDH 81-12



RESOURCES BRANCH
9699
NO.

LEGEND
CORE TYPE : 80
INCLINATION : 45°
AZIMUTH : 0°-360°
CLAIM : YIMY 100

LAWRENCE MINING CORP.
DIAMOND DRILL SECTION
'81-12
SCALE 1:500
0 5 10 15 20m 8/81 BTM

COMPILER
R. Webb

FIGURE 14

SECTION LOOKING WEST DDH '81-13

DDH '81-13
(1+225, 1+00E @ 45° NORTH)

OVER BURDEN

21.3

SURFACE WEATHERING
IN COARSE "CHATAWAY" GRANODIORITE

MALACHITE STAINS

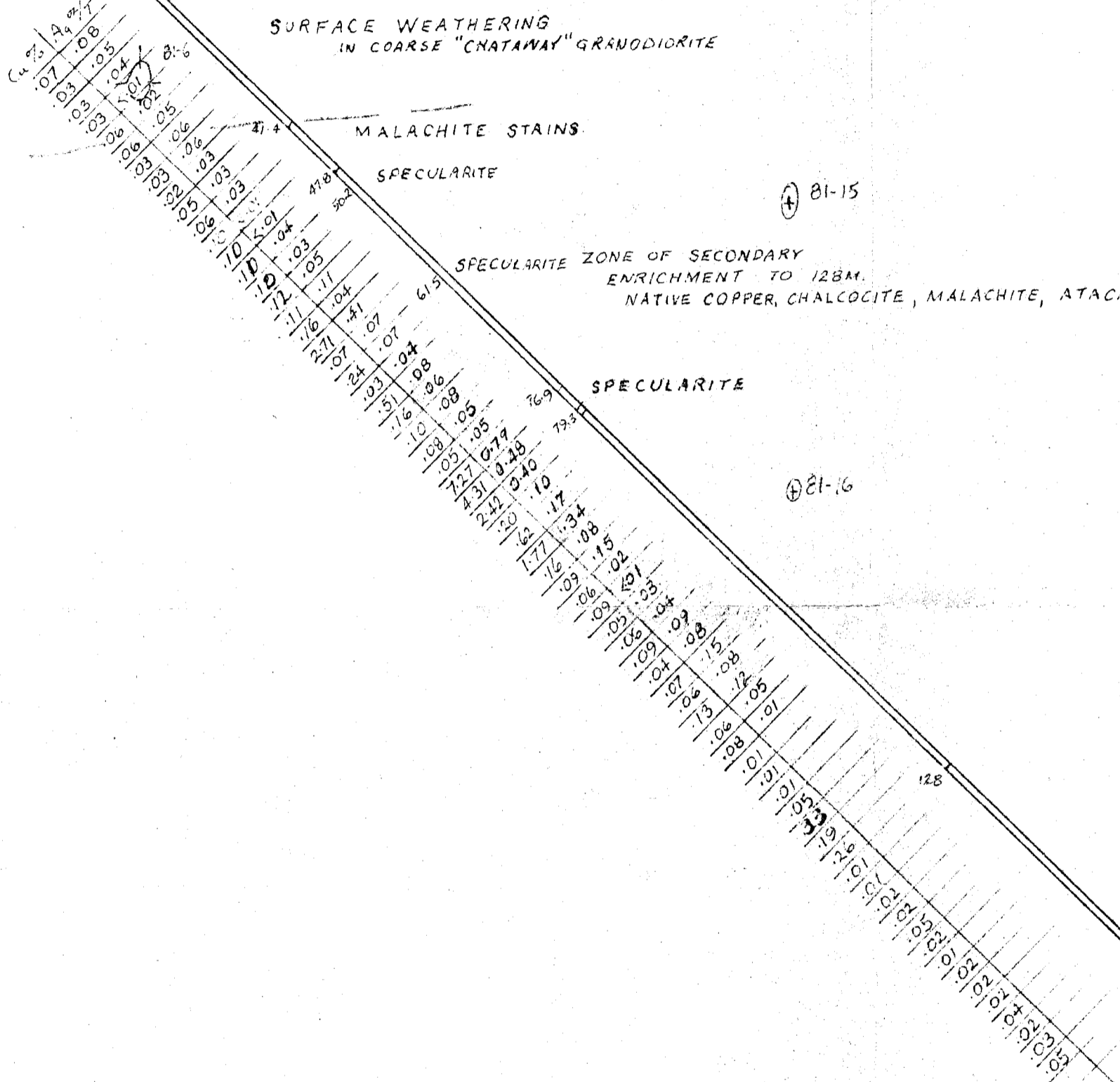
SPECULARITE

81-15

SPECULARITE ZONE OF SECONDARY
ENRICHMENT TO 128M.
NATIVE COPPER, CHALCOCITE, MALACHITE, ATACAMITE

SPECULARITE

81-16



MINERAL RESOURCES BRANCH
9699
NO.

LEGEND

CORE TYPE : B0
INCLINATION : 45°
AZIMUTH : 0°-360°
CLAIM : VIMY 100

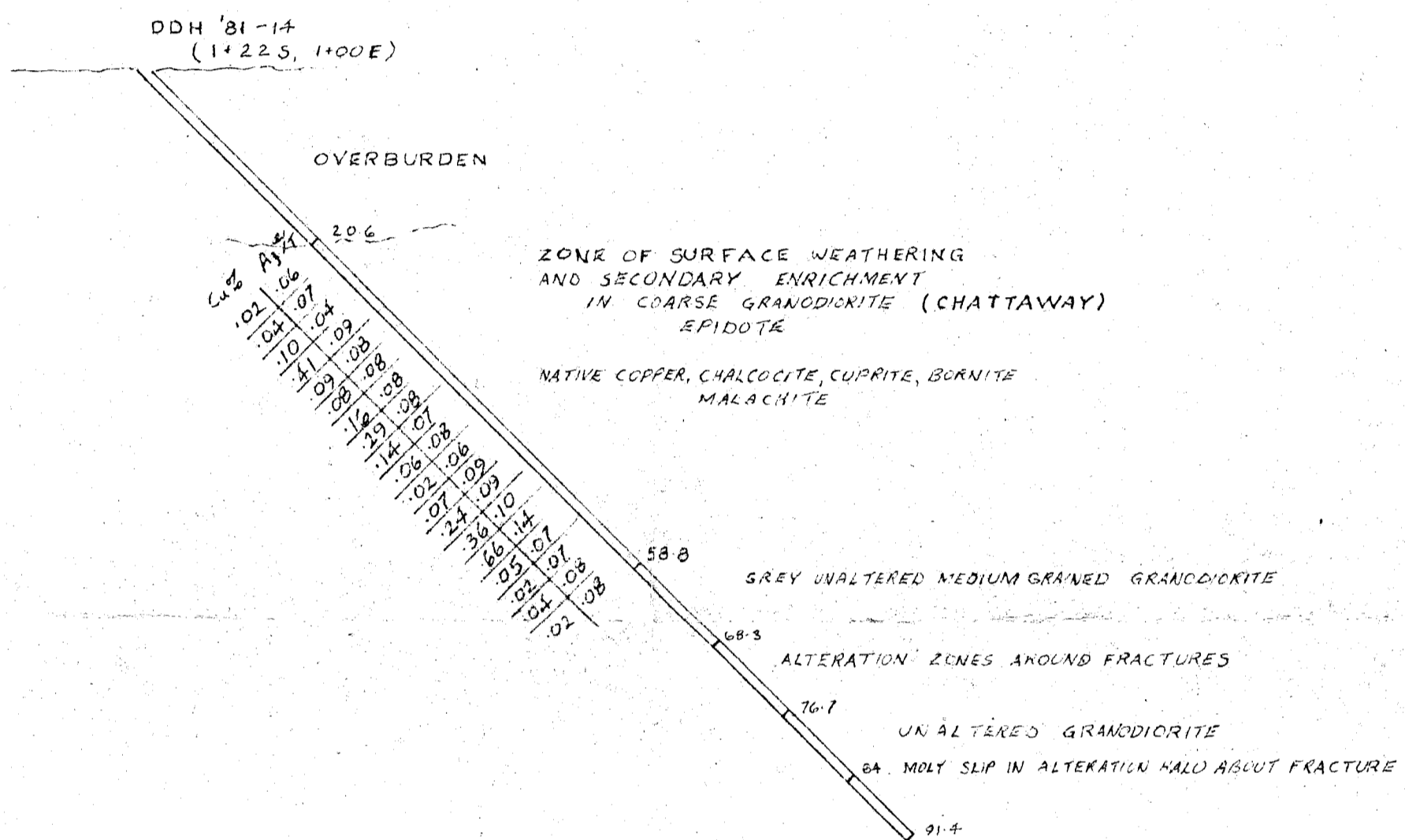
LAWRENCE MINING CORP.
DIAMOND DRILL SECTION
230-1 '81-13
SCALE 1:500



COMPILER
R. Wells

FIGURE 15

SECTION LOOKING NORTHWEST DDH '81-14

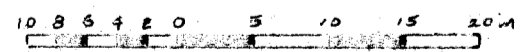


LEGEND

- CORE TYPE : BQ
- INCLINATION : 45°
- AZIMUTH : 045°
- CLAIM : VIMY 100
- COORDINATES :

MINERAL LAWRENCE CORPORATION
9699

LAWRENCE MINING CORP
DIAMOND DRILL SECTION
'81-14
SCALE 1:500

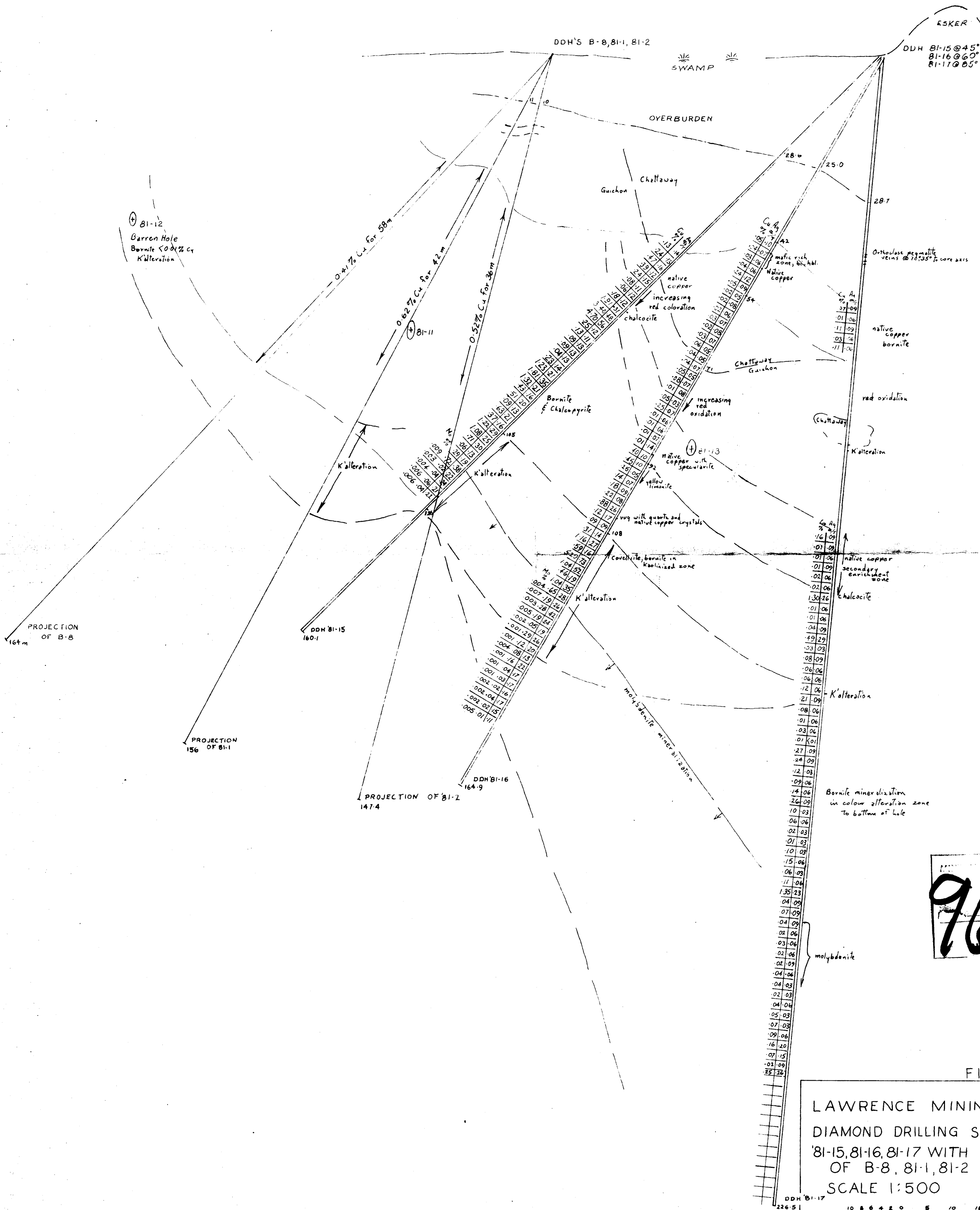


9/81
BTH

COMPILER
R. Wells

FIGURE 16

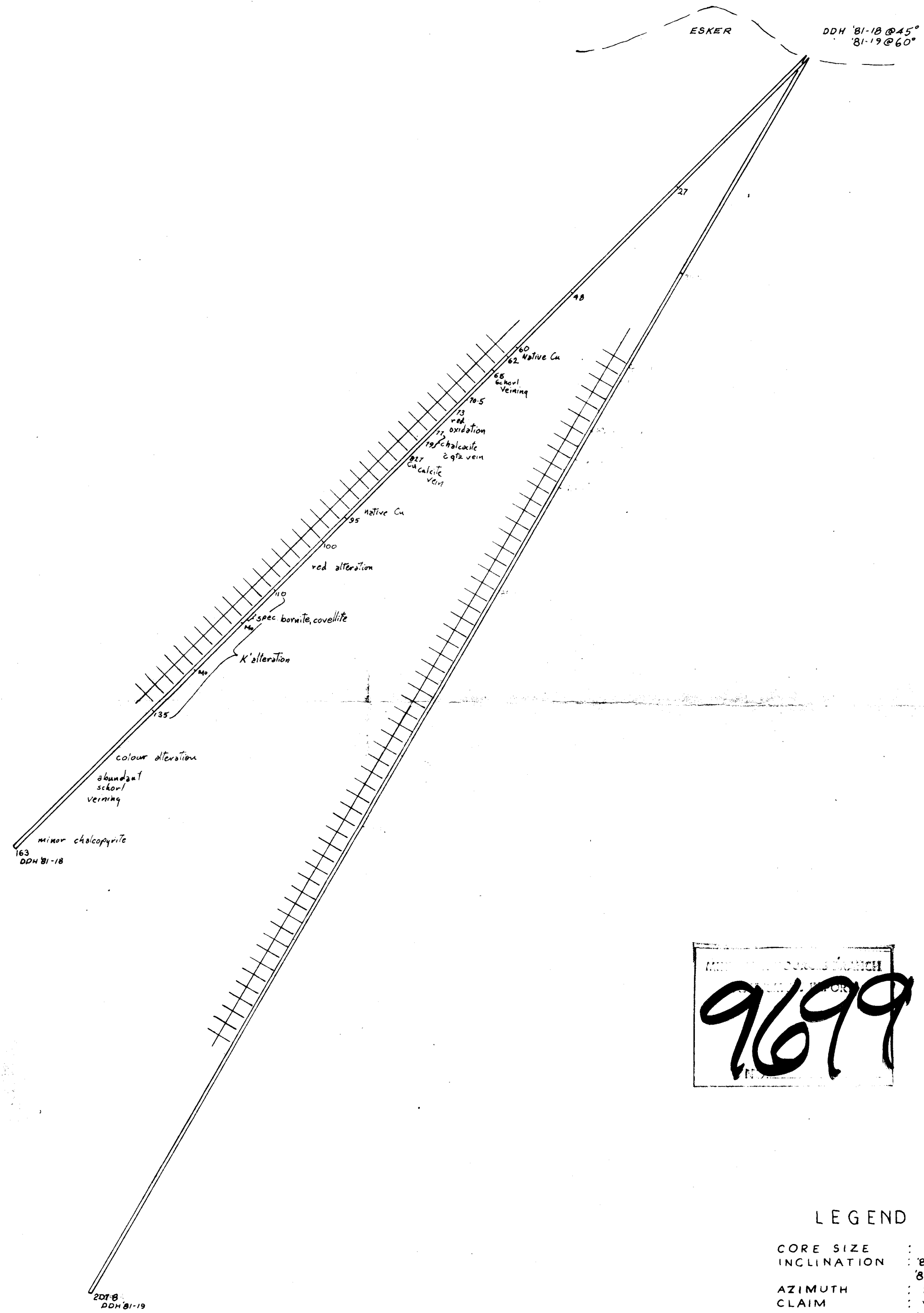
VIMY SECTION AT 245° LOOKING NORTH WEST DDH'S 81-15, 81-16, 81-17



9699

FIGURE 17
 LAWRENCE MINING CORP.
 DIAMOND DRILLING SECTION
 '81-15, 81-16, 81-17 WITH PROJECTION
 OF B-8, 81-1, 81-2
 SCALE 1:500
 DDH 81-17 226.5
 10 5 4 2 0 5 10 15 20 m B.T.M 10/81

VIMY SECTION AT 245° LOOKING NORTH WEST DDH'S 81-18 & 81-19



LEGEND

- CORE SIZE : BQ
- INCLINATION : 81-18 @ 45°
- : 81-19 @ 60°
- AZIMUTH : 245°
- CLAIM : VIMY 100

FIGURE 18

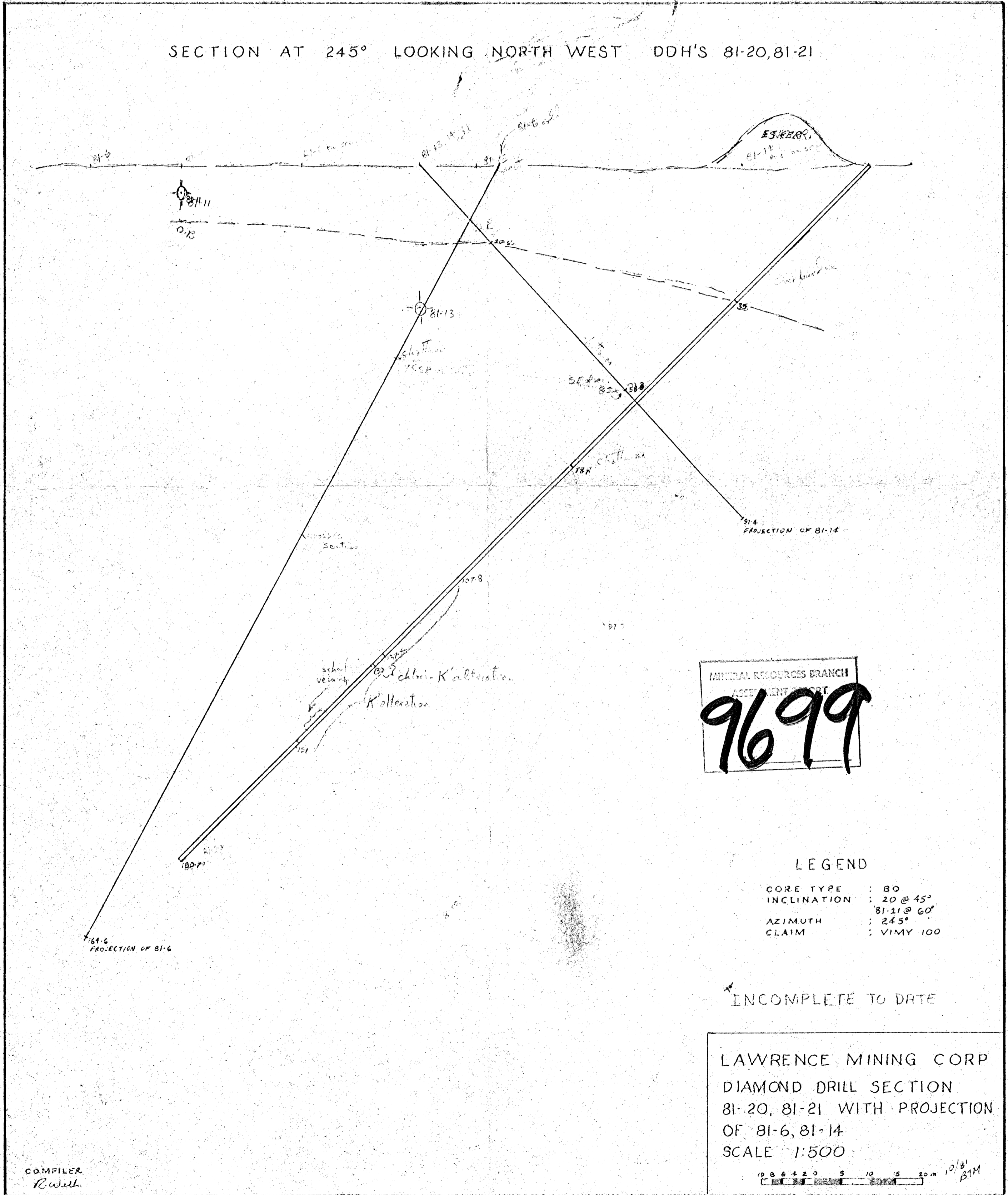
LAWRENCE MINING CORP.
DIAMOND DRILLING SECTION
81-18 & 81-19

SCALE 1:500



BTK
10/18

SECTION AT 245° LOOKING NORTH WEST DDH'S 81-20,81-21



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9699

LEGEND

- CORE TYPE : B0
- INCLINATION : 20 @ 45°
- : 81-21 @ 60°
- AZIMUTH : 245°
- CLAIM : VIMY 100

* INCOMPLETE TO DATE

LAWRENCE MINING CORP
DIAMOND DRILL SECTION
81-20, 81-21 WITH PROJECTION
OF 81-6, 81-14
SCALE 1:500



COMPILER
R. Welch

FIGURE 19