DIAMOND DRILLING REPORT

for

Mitchell 1, Central 1 and Sulphurets 1 Claim Groups

Mineral Claims: Arbee 35, 39, 54, 55, Dawson-Ross 1, 3, Ed 1, 2, Iron Cap 1-5, Ice 1, 2, Tedray 1-3, 6-13, Xray 1-9

> Skeena Mining Division 104B, 8E, 8W, 9E, 9W 56^o 30' N, 130^o 15' E

Claims owned by: Granduc Mines Limited; Esso Resources Canada Limited; and Sidney F. Ross

Operated by: Esso Minerals Canada 600-1281 West Georgia Street Vancouver, B.C. V6E 3J7

Report by: Dane A. Bridge Morley G. Brown Larry J. Ferguson

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Submitted: September 30, 1980

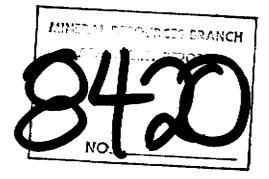


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INTRODUCTION

Location

The Sulphurets property is located approximately 65 km north west of Stewart, B.C. and 20 km north of the Granduc Mine. It is at the headwaters of Mitchell Creek and Sulphurets Creek and extends southerly and south easterly. The property is centered at 56° 30' N and 130° 15' E. It covers parts of 104B/8E, 8W, 9E, 9W.

Access

Access to the property is from the Esso camp located on the north side of Mitchell Creek a few hundred metres east of McTagg Creek. The camp is serviced by helicopter from Stewart.

Claims

The Sulphurets property consists of claims held by Granduc Mines Limited, Sidney F. Ross and Esso Resources Canada Limited. The property is being operated by Esso Minerals Canada, 600-1281 West Georgia Street, Vancouver, under option from Granduc and S.F. Ross.

The following is a list of the claims, number of units and record numbers for the Sulphurets property:

Held by Granduc Mines Limited:

Ed 1		- 2	150
Ed 2		1	151
Iron Cap	1	2	315
	2	1	316
н н	3	2	317
Red River		14	314
Tedray	1	2	153
11	2	٦	154
H	3	3	155
n	6	15	158
M	7	2	159

Tedray	8	1	160
11	9	9	161
и	10	3	162
11	11	4	163
D.	12	15	164
11	13	8	165
Xray	1	1	1861
н	2	2	1862
11	3	2	1863
D.	4	6	1864
41	5	2	1865
11	6	2	1866
14	7	2	18 67
	8	2	1868
H	9	2	186 9

Held by Sidney F. Ross:

Arbee	35	1 t	wo-pos	t claim	19124
н	39	1	ļi	11	19128
81	54	1	н	11	19143
11	55	1	н	II	19144
Dawson	-Ross 1	1 t	wo-pos	t claim	1988 7
	3	1		11	19889

Held by Esso Resources Canada Limited:

Ice 1	2	2411
Ice 2	3	2412
Iron Cap 4	1	2409
Iron Cap 5	1	2410
Tedray 14	2	2413

The mineral claim Red River, record number 314, held by Granduc Mines Limited, also constitutes part of the Sulphurets property. However, it is apparently not contiguous with the claims discussed in this report.

GEOLOGY AND ECONOMIC ASSESSMENT

The first record of work on bedrock mineral prospects was done in the Sulphurets Creek area in 1935. The property was explored by prospecting, some magnetometer surveying and drilling by Newmont Mining Corporation from 1959 to 1962. Granduc Mines Limited has done trenching, diamond drilling, mapping and lithogeochemical sampling from 1967 to 1977.

The Sulphurets property consists of volcanic and sedimentary rocks intruded by dioritic to granitic plutonic rocks. The volcanic rocks have been intensely altered to quartz and albite \pm sericite \pm pyrite rocks.

The property has potential for porphyry type Mo, Cu, Cu + Au and Cu + Mo deposits. The Iron Cap area has potential for low grade Au-Ag deposits. Cu - bearing volcanogenic exhalite deposits and lode Au - Ag deposits also occur but appear to have little economic potential.

DRILLING

This report documents 1073.5 m of diamond drilling in 5 holes in 3 zones or areas of mineralization. The detailed drill logs with assay results are in the Appendix.

The locations of the holes and the locations of all the claims can not be shown precisely at this time. There is no grid on the property and two of the holes were drilled in locations that are below the glacial ice levels on the old air photographs. The legal corner posts were not located for all of the pre-existing claims.

Esso flew an air photo survey of the property in August, 1980. When the results of the survey are available the author will submit a map showing the locations of the holes drilled by Newmont, Granduc and Esso which will be filed for PAC credit at a later date. This map will also show the relations of the holes to located claim legal corner posts.

The core for all Esso holes is stored at the Esso camp.

MOLY ZONE

The Moly Zone consists of interbedded volcanic and lesser sedimentary sequences intruded by granite and hornblende porphyry. All the rocks are intensely altered by the process of silicification, pyritization, sericitization and chloritization. Generally the primary textures, structures and original composition of the rocks has been masked by the alteration. They appear commonly as medium to fine grained light gray green quartzo-feldspathic rocks intercollated with very fine grained light grey siliceous rocks. They typically contain between 3%-5% pyrite. However, 5%-10% is not uncommon locally within the more silicified horizons.

Extensive shearing and faulting over most of the zone has resulted in a discrete foliation within the rocks and appears to bear some relationships to the alteration. Foliation trends vary locally but two pervasive directions, $60^{\circ}-80^{\circ}$ and $100^{\circ}-120^{\circ}$, have been recognized. Within the shear zones the rocks are essentially quartz sericite schists.

Quartz veining is common throughout and locally intense within sheared and faulted zones. At least two phases can be recognized, a light grey to greyish blue colored phase cross cut by a milky white coarser grained phase. The light grey quartz veins generally intrude parallel to subparallel foliation, are less than 1.5 cm thick, although veins up to 6 cm in thickness occur, and contain up to 5% pyrite. The younger milky white phase generally is void of mineralization and trends primarily N-S. Molybdenite mineralization occurs primarily in association with the older quartz veining. In general, very thin quartz stringers containing varying amounts of molybdenite occur randomly throughout the entire zone. Finely disseminated molybdenite mineralization is also common within highly silicified granitic rocks. The best mineralization appears to be related to the fault zones where the quartz veining is densest. The molybdenite occurs both within the quartz veins and as remobilized fractions along the shear planes. However, these mineralized zones within the shears are generally very localized and not extensive.

Minor chalcopyrite and associated malachite staining occurs within the volcanic rocks locally, but are not of economic significance.

The molybdenite mineralization within the Moly Zone occurs sporatically within quartz veins throughout the entire area. The best mineralization is localized within major shear zones where quartz veining is more prolific. These zones were extensively prospected and tested by drilling at two locations but failed to detect significant mineralization.

DDH 9 AND 13

Two diamond drill holes, DDH 9 and DDH 13, were drilled to test the best molybdenite mineralization within a fault zone along the south side of the Mitchell glacier. Both holes intersected trace molybdenite within a quartz sericite schist rock that graded at depth into non mineralized quartzo-feldspathic rocks of probably volcanic origin. A summary of both holes is given below:

DDH 9

<u>Metres</u>	Geology
0=77.5	QTZ-Sericite Schist: Well foliated, blocky and
	fragmented core with numerous fracture zones.
	Trace Mo within QTZ veins Py 10%.

Metres	Geology
77.5-210.0	QTZO-Feldspathic Rock: More competant grey green rock, medium grained, foliation less instense. No visible Mo. Py content 5%-10%, locally 15%.
DDH 13	
Metres	Geology
0-78.33	QTZ-Sericite Schist: Well sericitized fragmented and foliated. Good quartz veining with minor Mo.
78.33-129.6	QTZO-Feldspathic Rock: Granular texture, medium to fine grained, foliation moderately developed Py 5% locally between 5% and 10%. Trace Mo.
129.6-230.75	QTZO-Feldspathic Rock: (Altered Tuff). Light grey green, some fragments angular and parallel foliation. Segments of intense quartz veining. Py 3%-5%, locally 5%-10%. No Vis Mo.
230.75-275.84	QTZO-Feldspathic Rock: Granular textured as for 78.22-129.6 m. No Vis Mo.

6.

IRON CAP ZONE

The Iron Cap Area appears to be underlain by an intensely altered sequence of volcaniclastics, immature clastic sediments and lesser feldspar and hornblende porphyry intrusives. The alteration consists of pervasive silicification, pyritization and lesser sericitization and chloritization. The rocks typically contain 3% to 5% pyrite in disseminations and fractures. Fracturing and quartz veining is common and locally intense. Exploration by previous companies indicated that anomalous amounts of gold and silver are present in both the quartz veins and altered host rocks.

DDH 10 AND 11

Two holes were drilled to test two parallel quartz veins and their host rocks for their gold and silver content. The holes intersected the veins and located low precious metal contents in the veins and very low to trace contents in the host rocks.

Geological summaries of DDH 10 and 11 are as follows:

DDH **10**

<u>Meterage</u> O to 2.52	<u>Geology</u> overburden
2.52 to 49.61	Moderately to Intensely silicified and pyritized conglomerates and finer grained clastic sediments.
49.61 to 51.71	Quartz vein.
51.71 to 96.87	Moderately to Intensely silicified and pyritized clastic sediments(?).
96.87 to 101.47	Quartz vein.
101.47 to 169.77 (End)	Moderately to Intensely silicified and pyritized clastic sediments (?) and thin conglomeratic zones
<u>DDH 11</u>	
<u>Meterage</u> O to 3.60	<u>Geology</u> Overburden.

3.60 to 35.2 Moderately to Intensely silicified and pyritized conglomerates and finer grained clastic sediments.

<u>Meterage</u>	<u>Geology</u>
35.2 to 37.3	Quartz Vein.
37.3 to 57.1	Moderately silicified and pyritized clastic sedi- ments.
57.1 to 61.65	Quartz vein.
61.65 to 65.4	Silicified sediments and quartz veins.
65.4 to 70.1	Quartz vein.
70.1 to 74.7	Silicified sediments and quartz veins.
74.7 to 131.22	Moderately to intensely silicified and pyritized conglomerates and finer grained clastic sediments.
131,22 to 132.95	Quartz Vein with chalcopyrite, sphalerite and galena.
132.95 to 230.2	Similar to 74.7 to 131.22 with intense shear zone from 223.2 to 230.2.
230.2 to 252.68 . (End)	Moderately silicified and weakly pyritized and sericitized hornblende (?) porphyry intrusive

MAIN COPPER ZONE

The Main Copper Zone is an extensive area of quartz-albite-pyrite rock and moderately altered quartz-albite-pyrite-chalcopyrite rock. Both are apparently hydrothermal alteration products of intermediate volcanic rocks intruded by sympites and granites.

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The area has been trenched and drilled where the greatest concentrations of chalcopyrite and minor molybdenite occur.

DDH 12

DDH 12 was drilled to provide assessment work on the Sulphurets 1 Group and to test a very pyritic area for its gold content. The hole intersected intensely to moderately altered intermediate volcanic rocks with an average pyrite content of 15%-20%. Minor sections contained disseminated chalcopyrite.

The following is a summary of DDH 12:

<u>Meterage</u> 0.0 - 4.81	<u>Geology</u> overburden and broken rock.
4.81 - 15.36	guartz-albite rock
15.36 - 22.36	quartz-albite rock and minor relict intermediate volcanic rock.
22.36 - 23.89	moderately altered andesite.
23.89 - 32.00	quartz-albite rock.
32.00 - 33.80	moderately altered andesite.
33.80 - 50.50	quartz-albite rock.
50.50 - 54.00	moderately altered andesite.
54.00 - 147.60	quartz-albite rock.
147.60 - 166.24	moderately to intensely quartz-albite altered rock.
166.24 - 166.73	intermediate volcanic rock.

SUMMARY OF COSTS

- 1. Fuel costs are costs of fuel plus helicopter transportation to camp or fuel cache area.
- The mobilization-demobilization costs for the drill are proportioned according to the Footage of each hole as a part of the 6000 feet of planned drilling. The total cost is estimated as follows:

Mob-demob as per contract	\$6,875.00
Mob, labour 193 hr. at \$19.00	3,667.00
Mob, helicopter 6.4 hr. at \$385.00	2,464.00
Mob, helicopter 7.6 hr. at \$525.00	3,990.00
Estimated demob, labour 80 hr. at \$19./hr	1,520.00
Estimated demob, helicopters, same as for Mob	6,454.00
Total mob-demob cost	24,970.00

- 3. Helicopter costs are for the contract rate plus fuel consumed: 206B, \$300./hr. + \$85./hr for fuel \$385./hr. 206L-1, \$400./hr + \$125./hr for fuel \$525./hr.
- 4. Camp costs are estimated as follows:

Total camp cost \$75,000. Camp to be used for 100 days per season over 3 years. Daily cost is then \$250. Groceries plus delivery cost approximately \$4200./month or \$140/day. Total room and board costs are \$250. + \$140. = \$390./day. There are normally 14 men in camp so cost per man per day is \$28.00.

5. Camp support costs are \$252./day based on one cook at \$65./day, one first aid attendant at \$75./day, and room and board at \$28./day for cook, first aid attendant, helicopter pilot and helicopter engineer.

Q. Bridge

COST STATEMENT, DDH 9

DDH	9, 689 Ft. (210.01 m)
Dates Drilled	July 17-23, 1980
Group	Central l
Claim	Ice 2

\$8,750.00 Drilling 0-500 Ft. at \$17.50/Ft. 500-689 ft. at \$18.00/Ft. 3,420.00 Labour 108 hr. at \$19.00/hr. 2,052.00 Fuel 217 gal. at \$3.60/gal. 781.20 Mob-Demob 11.48% of \$24,970. 2,866.56 Survey Instrument 7 days at \$25./day 175.00 Helicopter 15.7 hr. at \$385./hr. 6,044.50 Assays 49 at \$12.00 588.00 Geologist & Assistant 14 days at \$90.avg./day 1,260.00 Room and Board 6 men, 7 days at \$28./day 1,176.00 Camp Support Cost 7 days at \$252./day 1,764.00 TOTAL: \$28,877.06 Total drilling cost per foot: \$41.91 Total drilling cost per metre: \$137.46

COST STATEMENT, DDH 10, 11

DDH	10, 557 Ft. (169.77 m)
Dates drilled	July 24-30, 1980
DDH	11, 824 Ft. (251.16 m)
Dates drilled	July 31-August 7, 1980
Group	Mitchell l
Claim	Tedray l

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Drilling 1000 Ft. at \$17.50/Ft.	\$17,500.00
318 Ft. at \$18.00/Ft.	5,724.00
Labour 266 hr. @ \$19.00/hr.	5,054.00
Fuel 415 gal. at \$3.60/gal.	1,494.00
Mob-Demob 21.97% of \$24.970.00	5,485.91
Survey Instrument 15 days at \$25./day	375.00
Helicopter 24.7 hr. at \$385.00/hr.	9,509.50
Assays 126 at \$8.75	1,102.50
22 at \$3.25	71.50
9 at \$6.50	58.50
Geologist & Assistant 30 days at \$90.avg./day	2,700.00
Room & Baord 6 men, 15 days at \$28.00/day	2,520.00
Camp Support Costs 15 days at \$252./day	3,780.00
TOTAL:	\$55,374.91
Total drilling cost per foot:	\$42.01
Total drilling cost per metre:	\$137.84

COST STATEMENT, DDH 12

DDH	12, 547 Ft. (166.73 m)
Dates Drilled	Aug. 8-12, 1980
Group	Sulphurets 1
Claim	Ed 1

Drilling 500 Ft. at \$17.50/Ft.	\$8,750.00
47 Ft. at \$18.00/Ft.	846.00
Labour 124 hr. at \$19.00/hr.	2,356.00
Fuel 172 gal. at \$3.60/gal	619.20
Mob-Demob 9.12% of \$24,970.00	2,277.26
Survey Instrument 5 days at \$25./day	125.00
Core Boxes 23 at \$5.00/ea.	115.00
Helicopter 9.7 hr. at \$385./hr.	3,734.00
Assays 56 at \$15.25	854.00
Geologist & Assistant 10 days at \$90 av./day	900.00

J. Bridg

Room & Board 6 men, 5 days at \$28.00/day	840.00
Camp Support Costs 5 days at \$252./day	1,260.00
TOTAL:	\$22,676.96
Total drilling cost per Foot:	\$41.46
Total drilling cost per Metre:	\$136.01

COST STATEMENT, DDH 13

DDH	13, 905 Ft. (275.84 m)
Dates Drilled	August 13-23, 1980
Group	Central l
Claim	Ice 2

Drilling 0-500 Ft. at \$17.50/Ft.	\$8,750.00
500-905 at \$18.00/Ft.	7,290.00
Labour 128 hr. at \$19.00/hr.	2,432.00
Fuel 285 gals. at \$3.60/gal.	1,026.00
Mob-Demob 15.08% of \$24,970.	3,765.48
Survey Instrument 11 days at \$25./day	275.00
Core Boxes 36 at \$5.00 ea.	180.00
Helicopter 15.9 hr. at \$385./hr.	6,121.50
Assays 90 at \$5.50/ea.	495.00
Geologist & Assistant 22 days at \$90 avg./day	1,980.0 0
Room & Board 6 men, 11 days at \$28./day	1,848.00
Camp Support Costs 11 days at \$252./day	2,772.00
TOTAL :	\$36,935.48
Total cost per Foot:	\$40.81
Total cost per Metre:	\$133 .90

D. Bridge

STATEMENT OF QUALIFICATIONS

I, Dane A. Bridge, hereby certify that I received my B.Sc. Honours in 1969 and M.Sc. in 1972 from the University of Manitoba. I have been practicing as a geologist for 12 years.

Jam a Sily

D. A. Bridge

STATEMENT OF QUALIFICATIONS

I, Morley G. Brown, hereby certify that I received my B.Sc. from the University of Saskatchewan in 1977 and have been practicing as a geologist for 3 years.

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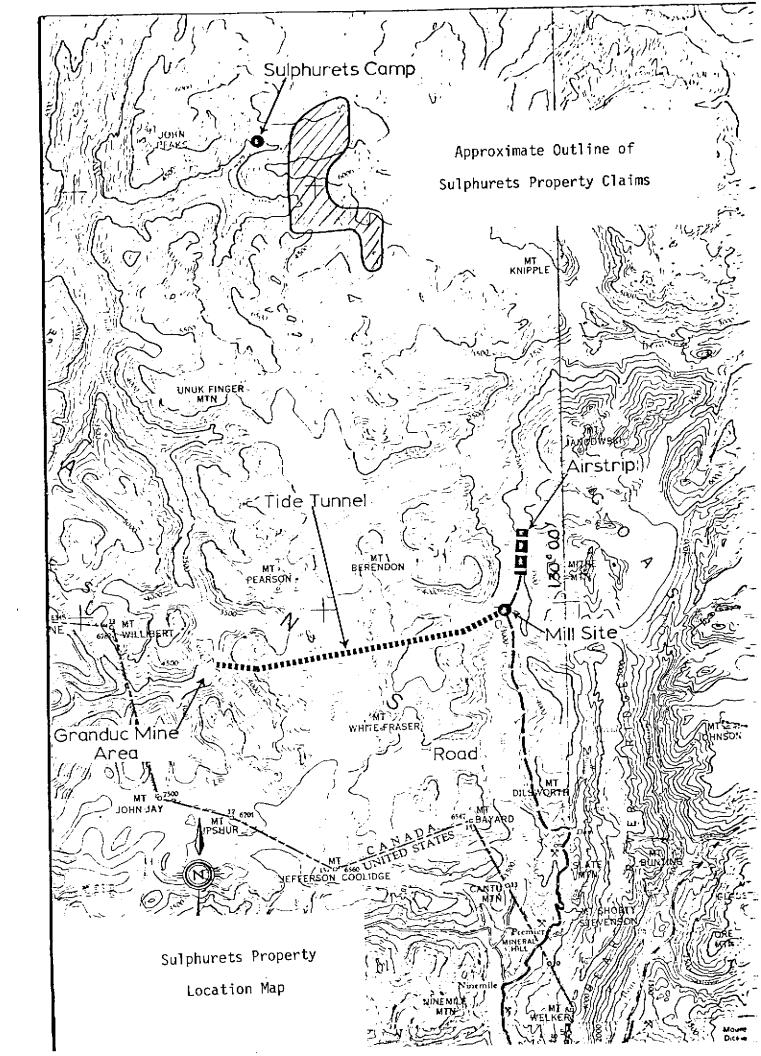
M. G. Brown

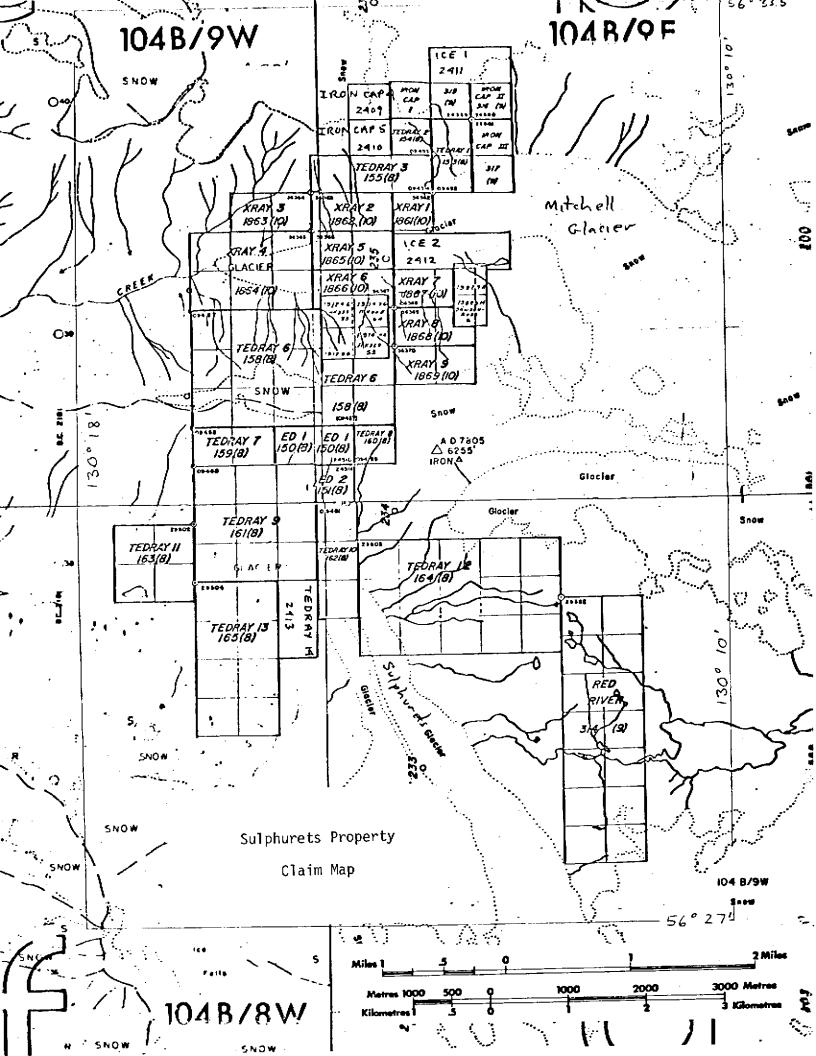
Brown

STATEMENT OF QUALIFICATIONS

I, Larry J. Ferguson, hereby certify that I received my B.Sc. Honours in 1974 from Carleton University and my M.Sc. in 1977 from the University of Western Ontario. I have been practicing as a geologist for 7 years.

L. J. Ferguson





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IMPERIAL OIL LIMITED

MINERALS SECTION

DRILL LOG

PROJECT	GROUND ELEV.
SULPHURETS	3430' 1045m
HOLE NO. DDH # 9	BEARING ~ 150° Az
LOCATION MOLY ZONE	DIP -60°
ILE EDGE, NEAR SAMPLE MB 22	TOTAL LENGTH 210 meters
LOGGED BY MORLEY G. BROWN	HORIZONTAL PROJECT
DATE	VERTICAL PROJECT
CONTRACTOR ARTIC DIAMOND DRILLING	ALTERATION SCALE
CORE SIZE	absent slight
Bq.	moderate intense
DATE STARTED MOBILIZATION SULY 11 - SULY 18; 1980 BELAN DRILLING SULY 19th	TOTAL SULPHIDE SCALE
DATE COMPLETED July 23 = 2:30 Pm 204.5	
19.5m 44.96 75.44 105.92 145.54 175.87 DIP TESTS 47.5' 147.5' 247.5' 347.5' 477.5' 277 6775' DIP 61.5 64.6 64.5 55.3 47.2 43.2 40.2'	< 1% 1% - 3% 3% - 10%
DIP 61.3 67.8 67.0 24.5 14 2.0 152.0 153.5 BEARING 149.5 150.0 133.0 134.5 14 2.0 152.0 153.5	> 10%
COMMENTS	LEGEND
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20 18.47 - 18.72 - FRACTURE -MUNDA LIMON	ville a monatine					
20.90- 20.93 - PERCUSE	ROWIE STAINED					
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	MTITE STAINUD - POSHELE ORE LOSS ?					
-25 23.65 - FRAJURE 42 23.87 - 24.13 - FRAJURE 4 23.87 - 24.13 - FRAJURE 0/	Buoury coel					
24.15 - 24.18 · FRACTURE 124.20 - 24.24 - FRACTURE	LIMANITE METRATITE STAINED					
	- WELL DEFINED NEAR // FOUNTEN) - WELL SCRILIFIZED, HOMAFIRE - LIMONITE					
25.92 -23.97 - OTZ VEIN		-				
4. 19-26-25 OTZ VEIN W 27. 49-27.80 REALTURE						
	- S-10+ TO CA - ALMATITE STANDO - < = 0-10+ TO CA SLOLITIZED, CLAY FALED POSSIBLE CORE LOSS		· · · · ·		1	ļ

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PAGE 3 OF 15 PROJ	ECT:		.						н	OLE NO. 9
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLE INTERVAL	SAMPLE WIDTH	ASSAY NUMBER	%	%	% Mo	∘z A∪	han Ag	COMPOSITE ASSAYS
		-								
		-	-				· · · ·			
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- DISSEMINATED THROUMUT	THIN OTZ									
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		 -	3.0	0080 No 6035			.020	.064	.01	
1250-1750 FRActure Zave WITH a		. 12-0								
HUMATINE , VOID 15 To Pyre	TE TR. Muy	-	3.0	0081 No 2035			.007	.0+5	,01	
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		18.0		1.1m Loss						· · · · · · · · · · · · · · · · · · ·
		-	30	0083			.004	.006	.03	
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25.92-25.97 - OTE VENJ, YOUNG, WIT Pyrific NO MOLY	N 159.	_ 27.0				· · ·				
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PAGE	4	0	F 15	PROJE	СТ:			NÖ.	9	
_ (s	\$	δ	H				ALI	ERA	TION	
DEPTH (METRES)	%Core Recy	ГІТНОГОСУ	STRUCTURE		GEOLOGICAL DESCRIPTION					
			*:		29.37-29.57 : FRACTURE, LIMAN I'S HEMATILE STAINED - POSSIBLE COAS CO.					·
		02/	\Fi		30.07 - 30.37: FRACTURE, BLOCHY + BROCKEN CORE & UNDISCURABLE 31.82 : OTZ VEIN & LOW THICK CROSS CUTTING 40" FOLD					
		1.0			31.92 : OTZ VEN & ICM THICK // FOLIATION	• •••		· · ·		
		/012 /21°/								
			FI		34.37 : OTZ VEIN - // FOLIAFION & 1.0 - 1.0 CM THICK					
35		*** (GZ 2/~			34.97 : OT Z VEIN - PARTLY LADES CUTTING PARTLY // TO FOLIATION		· · · ·			
-35		az	FI		BL.40 - 36.58 : OTZ VEIN // FOLIATION & ILA THICK,					
			120		-INTERCOLLATED WITH OTZ SERVICE SCHIST			ļ		,
		\ 012 20*	N		36.87 - 37.37 : OTZ VEINING INTERCOLLATED WITH OTZ SURVITE SCHIST // FOLLATION	×	·		··· ·	·
		072	FI		98-71 ; OTZ VEW // FOLIATION ? BOTH & ICM WITH					
		Yes,	200		38.91 : OTZ VEIN // FOLLIATION) GOOD PYRITE MIN.					
		077/ 35°			39.21 : OTZ VEIN_L TO C.A WHITE "FRUSH" VEIN					
-40					39.95-39.98 : FRACTURE 28" MINOR LMONTS HEMATING					
			210		41.56 - 42.16 : OTZ VENDING, INTORCOLLATED WITH OTZ BERICITE SCHOT - VENTRICHNESS ENDER		• •			
			-\	ا رہے	CORE FRACTURED AND RUBBLY POSSIBLE SECTION OF LOSS 20.11M. 42.00 - 77.5 OTZ SERILITE SCHIST					
		un =1. N		*	- AS ABOVE BUT CONTAINS MORE INTERCURE					
			\Fe		OTZ VEINS ; PURITE CONTIONT UNLIERSED	<u>.</u>	•			
45		012/	1/3-		42.75 - 42.81 - FRACTURE, HEMATITE LIMONITE STRINGO 45.81 : OTZ VEIN CROOS CUTTING WHITE, COTESE ER.		-			
		24	FR		45.81 : DIE VEIN OD PYRITE ZIEM THICK -6000 PYRITE ZIEM THICK 46.31-46.38 : FRACIURE - LIMONITE AND MOMATITE STRINGDICERY	~~~			· ···	
		1210	600		46.81 - 46.80 : FRACIDARE - LINGTH AND THE AND			·		
		and the	20	1	47.55 : OTZ VEN - WHITE // FOULATION - ICM THICK					· · · · ·
			V		48.38 - 48.45 : PRACTURE < ? - RUBBLY CORE POSSIBLE LOSS.			• • • •	1	
.5 0			</td <td>1 1 1</td> <td>49.10 - 50.80 ENTERMENT FRATURED AND RUBBLY CORE - WELL SERICITIZED WITH NUMBROUS "MUD SEAMS"? LOST O</td> <td>~</td> <td>· · · · · ·</td> <td></td> <td></td> <td></td>	1 1 1	49.10 - 50.80 ENTERMENT FRATURED AND RUBBLY CORE - WELL SERICITIZED WITH NUMBROUS "MUD SEAMS"? LOST O	~	· · · · · ·			
20			- <u>s</u>		50.90 : OTZ VEW - ERRELINAR SUB // TO FOULATION			· .		
			52		50.95 F 51.50 BLOLINY COAR FOUNDTION STILL DISCORTIN	32 E			· ·	
			52:		51.50-56.35 ENTREMELY FRACTURED AND RUBBLY ORE ENTE COMPLETELY ECRICITIZED WITH WELL DENELOPED "MUD SEAMS" ERSLY CRUBELD					
			5	i	BY HAND. FOLLATION DISCORABLE ALONG		· · · · · · ·	•	+ -	
55			1/20		SOME FRAGMENTED BLOCHS. SOME OTZ VATHS PRESERVED BUE LOCATION), RELATION AND SIZE NOT DISCERNABLE				·	
		·	5	¦ i	SG. 45 - 56. 56 : FRACEWREP - NO CORE ONLY MINOR MLD					
					57.01 - 57.58(3) FARLINGED AND RUBBLY CORE - ADER OF LOUT					;- ;-
				ہ ا	SB.0 - 60.0 ? PRALFURED AND RUBBLY CORE . MINING MERSON					
					AND LIMONISE STRINING C? FOURTION	- 4 1				
			1		DISCORDER ATV SMALL BLOUTS					

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PAGE 5 OF 15 PROJECT:		T		<u></u>		T-1/		r –	┱┸╹	KOLE NO. 7
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31.82 - OTZ VEN , COOD PYRITE CONTENT		+	3.0	0087			.003	.0+7	. 01	
15-20%	<u> </u>	+-		O.IILOSS						
34.37 OTZ VEIN , VERY GOOD PYRITE		-33			+				· · · ·	
10-2590 - WITHIN + MAQUND 0	12	+-	3.0	0088			. 0 03	, 003		····
36.40 - 36.58 Pyrise in Association with 012			-	Q. /3 1001				, 003	<u>. 0</u>]	· · · · · · · · · ·
15-20 % 36.87 -37.37 : Pyrite Minuralizati	~	-36		• • •						
15-207. WITH OT 2 VEH	Ĵ'	Ļ	30	0089						
39.21 : PHATE 20-257, IN ASSOCIATION	,	-		NO 2055		-	.015	.6°Z	.01	· · · · · ·
WITH OT YEIN		-39		inter international and		• • • • • •				
41.56-42.16 PyRITE 15-207. TRACE MOL									-	
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DISCORNABLE,		- 42								
12.00 PURITE CONTENT INCREASE TO AVERAGE 20%	£									·
			3.0	0091 0.10105T			. 603	. 002	.01	
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6.60 - 46.61 - OTZ VEIN WITH TRACE AD	Y									
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	-	- 48					··· - · •			· · · · · · · · ·
50.90 - OTZ VON GOOD PYRITE - TRACE MOLY ALONG FOLIATION PL		-		0095 0.50 Lost			.003	062	.02	· · · · · · · · · · · · · · · · · · ·
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DEPTH (METRES)	%Core Recy	LITHOLOGY	TRUCTURE		GEOLOGICAL DESCRIPTION		AL	TERA			
		<u> </u>	<u></u>		60.40 - 63.42 : FRACTURE - RUBBLY + BROCHEN/FRACHINITUO MUDSERANS, < UNDISCLENARGE LOST CORS						
	╞╾╼┥╴	-			OTZ UKIN WITHIN SMALL FRAGMUNT ; RULATIN THICKNESS AND OTTON ?						1
-	<u> </u>				64.12? -64.62 : FRACTURE LOST CORE AS ABOURS						
-	+ 		Vé		64.62-66.45 : BLOCHY CORE		-:		· · · · -·		
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-65			1 the		66.75 - FRACTURE LIMONING - HUMATING STAINED SUB// TO FOLIATION 39						
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		e.	100		72.0 - OTZ VEINS CROSS CLETING FOLLATION & I CAN THICK. 12.5 - OTZ VEIN CROSS WITTING @ 5° TOLA I.SCAN THICK		,		·	·`	
	5		FI Zat		73.5 - FRACTURE - MICHY SEACITIZED - SUB // FOULATION						<u>L</u>
			F.20		74.3 - 2052 VENS ONE SUBIL TO FOURTION - ONE CROSS CUTING						
-15					75.4 = ? - ? FRACTURED SORE - FRAGMENTED - < ? POSSIBLE LOSS OF D.25 m LORE.						
-78			1420								
			N			-					
		•	F.20		77.5-78.0? FRACTURE - ROLA SOFT AND WELL SERVICITIERO (1051 CARE) 78.6 - ? FRACTURE - END DRILL RUN - LOST CORE - FRASMENVICO RT.]
			2		78.6 - 50.1 - FOLIATION DISPLAYS SLIGHT FOLDING -	4. 1					
-80			(****						· · ·		L
			V		79.8-81.0 FRACTURE - BROCHEN - FRACMENTER COLL & 10"TO C.A. SUB//FOLLIATION - MINOR LIMONTIE						
			50		BI.15 - BI.73 FRAGTORE - AS ABOUE - WELL SERV.71200 - COAE LOSS						
		-	$\overline{\mathbf{A}}$	*	77.5 - 93.5 OT 20 - PELOSPATHIC UNIT -GRADATION PL CONTRUT - FOLIATION INTENSI		im	U.S.H.			
			15-22		-LESS OF 2 VEHWAR NOTED, FOUR DISPLAYS MORE COMPLETENCY SLESS CRUMBLY AND						
04	-		\mathbf{n}		SOFT HORISONS). FRACTURES NARROWER, WITH LITTLE OR NO HOMATHE YOR LIMONITC	-					
-85			1.2		84.55 - 85.67 FRACTURE - WELL SCRICITIZED, FRACMUNTOD CORE & 1400 * SCAME D.85 mater were . ADS con	e.					Į_ ∎
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	-		Vie 25		B7.0 - 93.45 - BLOCKY CORE DRILL BUNS SHORT - NUMBERS FRAME	003					 .
•	· 🗌 .		\neg		UNDER CORE IS FRAGMUNICO . GUNDENU SUB // FO FOLLIATIONS.			↓÷			1
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	Ĺ,		TOTAL SULPHIDE	SAMPLE INTERVAL	SAMPLE WIDTH	ASSAY NUMBER	%	%		} .	1*~	COMPOSITE ASSAYS
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| PAGE              | 8          | 0           | F /                    | PROJECT:                                         |                            | HOLI |     | ). 9     |         |
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| H<br>ES)          | tecy       | OGY         | TURE                   |                                                  |                            | A    | TER | ATION    |         |
| DEPTH<br>(METRES) | %Core Recy | гітногоду   | STRUCTURE              | GEOLOGICAL DESC                                  | RIPTION                    |      |     |          |         |
| (                 | ~          |             | 0<br>\-25              |                                                  | · · · ·                    | +    | +   |          | ;       |
|                   |            | · · · · ·   | $\mathcal{A}$          |                                                  |                            |      |     | +        |         |
|                   |            |             | \F: <b>F</b> 5         |                                                  |                            |      |     | -        |         |
|                   |            |             |                        | # 93.50 - 137.12 OTZO-F                          | ELOSPATHIC UNIT            |      |     |          |         |
| ar                |            |             |                        | - LINE SECTION 7                                 | 5-93.5 BUT CORE NOT        |      |     |          |         |
| -95               |            |             | No.                    | BLOCHY OR .<br>WITH NO NO                        | FRAGMINTED. WELL CORED     |      |     |          |         |
|                   |            |             |                        | En un and interest                               | REAL WITH THEFT            |      |     |          |         |
|                   |            | ·           | \n&                    |                                                  | NS , PURME CONTINUE 5-10%  |      |     |          |         |
|                   |            | 305         |                        | 97.01 - 97.05 072 VEIN - WHIT<br>VISIBLE MINUGAL | IZATION ASSOLICTED (CLERN) |      | 1-  |          |         |
| -100              |            | <b>.</b> '  |                        | -20m woe,                                        | RANDOMLY & CAPTING.        |      |     | <u> </u> |         |
| 100               |            | -           | 1630                   | · · · · · · · · · · · · · · · · · · ·            |                            | -    |     | -        |         |
|                   |            |             | •                      |                                                  |                            |      |     |          |         |
|                   | <u> </u>   |             |                        |                                                  |                            | _    |     |          | +       |
|                   |            |             | 26.07                  | 1<br> <br>                                       |                            |      |     |          |         |
| -105              |            |             |                        |                                                  |                            | +    | ╉   | +-       | +-      |
|                   |            |             |                        |                                                  |                            |      |     |          |         |
|                   |            | <u> </u>    |                        |                                                  |                            | +    | -   | +        |         |
|                   | <u> </u>   |             | £.#5                   |                                                  |                            | +    | _   |          |         |
|                   |            |             |                        |                                                  |                            |      | ╋   | +-       | +       |
| -/10              | <b> </b>   |             | <b>N</b> 4.45          |                                                  |                            | +    |     | +-       | +       |
|                   | <b> </b>   |             | $  \rangle$            |                                                  | · · -                      |      |     |          | , ,<br> |
|                   | $\vdash$   |             |                        |                                                  |                            |      |     |          |         |
|                   |            |             |                        |                                                  |                            | -    | ╋   | +        |         |
|                   | -          |             | 130                    |                                                  |                            |      | +   |          | +       |
| .115              | 1          |             | $\left  \right\rangle$ |                                                  |                            |      |     |          |         |
|                   | $\vdash$   |             | \$25                   |                                                  |                            |      | -   |          |         |
|                   | -          | an and so a |                        |                                                  |                            |      |     | -+       |         |
|                   | $\vdash$   | -+ - ; *    |                        |                                                  |                            |      |     |          |         |
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| MINERALIZATION<br>DESCRIPTION         | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER  | %      | %        | %        |             |                | COMPOSIT<br>ASSAYS                    |
| <u> </u>                              |                   |                    |                 |                  |        |          | Mo       | A.          | P <sub>9</sub> |                                       |
|                                       |                   | -                  | 3.0             | 4957             |        |          | .002     | .008        | . 01           |                                       |
| 9 <u>5.50 - 137.12</u>                | 1                 | <b>**</b>          |                 | No Loss          |        |          |          |             | <u> </u>       |                                       |
| PYRITE GATION REMAINING               |                   | - 93               |                 |                  |        |          |          | · · · · · · |                |                                       |
| FAIRLY CONSTRUT @ 10-15%              |                   |                    | 3.0             | 4958             |        | 1        | .001     | .009        | .01            |                                       |
| DISSONINATED MRONCHOUT ROLL           |                   |                    |                 | NO LOSS          | - 11.4 | <u> </u> |          | .097        |                | · · · · · · ·                         |
| INLARASED TO 20% AND BETTOR           |                   | - 96               |                 | •                |        |          |          |             |                |                                       |
| IN AND AROMO OTZ VEINS                |                   |                    |                 |                  | • •    | -        |          |             |                |                                       |
|                                       |                   | _                  | 3.0             | 4959<br>No 1055  |        |          | , 002    | .010        | . 01           |                                       |
|                                       |                   | - 99               |                 |                  |        |          |          |             |                |                                       |
|                                       | .:                | - 17               |                 |                  |        |          |          |             |                |                                       |
|                                       |                   |                    | 3.0             | 4960             |        |          | .003     | . 003       | , 01           |                                       |
|                                       |                   | -                  |                 | NO LOSS          |        |          | <b>.</b> |             |                |                                       |
|                                       |                   | - 102              |                 |                  |        |          |          |             |                |                                       |
| <u> </u>                              |                   | -                  | 30              | 4961             |        |          | ,002     | ,007        | .01            |                                       |
| <u> </u>                              |                   | -                  | · · · - ·       | NO LOSS          | · -    |          |          |             |                | · · · · · · · · · · · · · · · · · · · |
|                                       |                   | -105               |                 |                  |        |          |          |             |                | · · · .                               |
| · · · · · · · · · · · · · · · · · · · |                   | -                  | 30              | 4962             |        |          | .002     | ,002        | اه.            |                                       |
| · · · · · · · · · · · · · · · · · · · |                   | -                  |                 | NO. 4035         |        | ·        |          |             | ····           | · · · · · · · · · · · · ·             |
|                                       |                   | 108                |                 |                  |        |          |          |             |                | ·····                                 |
|                                       |                   | -                  |                 | 4963             |        |          | . 004    | .003        | .01            |                                       |
|                                       |                   |                    |                 | No Loss          |        |          |          |             |                |                                       |
|                                       |                   | . //]              | ┝╼╼┽            |                  |        |          |          |             |                | · - · · · ·                           |
|                                       |                   | •                  | 3.0             | 4964             |        |          | .002     | .002        | . 01           | -                                     |
|                                       |                   | -                  |                 | NOLOSS           |        |          |          |             |                |                                       |
|                                       |                   | - 114              | ┝─┤             |                  |        |          |          |             |                |                                       |
|                                       |                   |                    | 3.0             | 4965             |        |          | .001     | .008        | .02            |                                       |
|                                       |                   | -                  |                 | NOLASS           |        |          |          | <b>-</b> -  |                | ·····                                 |
|                                       |                   | - 117              | <br>            |                  |        |          |          |             |                |                                       |
| · · · · ·                             |                   | -                  |                 |                  |        |          |          |             |                |                                       |
|                                       |                   |                    | 3.0             | 4966<br>NO. LOSS |        |          | .002     | . 003       | .02            |                                       |

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| PAGE              | 10         | 0         | F /S         | PROJECT:                                                                                                                          |             | IOLE     | NO.      | 9           |                   |
|-------------------|------------|-----------|--------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------|----------|----------|-------------|-------------------|
| - (s)             | à          | δ         | ЯË           |                                                                                                                                   |             | ALI      | ERA      | TION        |                   |
| DEPTH<br>(METRES) | %Core Recy | ГІТНОГОСУ | STRUCTURE    | GEOLOGICAL DESCRIPTION                                                                                                            |             |          |          |             | <br>              |
|                   |            |           |              | 126.05 OTZ VEIN 1/ FOUATION - PYRTE # 25% KILM TH<br>CHUDRIFE ALTERATION ALLONG FLANKS                                            | ick.        |          |          |             |                   |
|                   |            | 2n        |              |                                                                                                                                   |             |          |          |             | · · · · · · · · · |
|                   |            |           |              |                                                                                                                                   |             |          |          |             |                   |
|                   | $\vdash$   |           | 1.76         |                                                                                                                                   | -           |          |          |             |                   |
|                   | <u> </u>   |           |              |                                                                                                                                   |             |          |          |             |                   |
| -125              | -          |           | Fi = fo      | 127.25 - 128.23 FRACTURE - SHEAR - Roch is well                                                                                   |             | · · · ·  |          | • • • • • • |                   |
|                   |            |           | F1=60        | SCRICITIZED Y EASILY ERUMALIND BY MAND<br>- CORE WELL RECOVERED; NO LOSS                                                          |             |          |          |             |                   |
|                   | ┝          |           | 5.5          |                                                                                                                                   |             |          |          |             |                   |
|                   | <b> </b>   |           | FLST         |                                                                                                                                   | +           |          |          |             |                   |
|                   | -          |           | <b>1</b> 0:4 |                                                                                                                                   | +           |          |          |             |                   |
| -130              | <b> </b>   |           |              | 182.81-? FRACTURE < - RUBBLY CORD, WELL                                                                                           |             |          |          |             |                   |
|                   |            | ·         |              | SURCITIZED AND CRUMBLY - POSSIBLE LOSS<br>OF O. SEM.                                                                              |             | -        |          | <u> </u>    |                   |
|                   |            |           |              |                                                                                                                                   | ( -         |          |          |             |                   |
|                   |            |           | ×:5          |                                                                                                                                   |             | ·        |          |             |                   |
|                   |            | ·• - · ·  | • - •        |                                                                                                                                   |             | <u> </u> |          | • • •       |                   |
| -135              |            |           | 4.32         |                                                                                                                                   |             |          |          |             |                   |
| -1-2              |            |           |              | 136.30 DTZ VEN - GOOD PYRITE, CHEORITE REFERENCE<br>AUNG HOGE & CUTTING OF 63°                                                    |             | · ·      |          |             |                   |
|                   |            |           |              |                                                                                                                                   | <b></b> .   |          |          |             |                   |
|                   |            | 72        | 2.53         | \$ 137-1540 OTZO - FER OSPATIC UNIT                                                                                               |             | •        |          |             |                   |
|                   |            |           | <b>3</b> 35  | AS ABOUG - OTZ VENING MODE PROLIFIC, BYRISE                                                                                       |             |          |          |             |                   |
|                   | ┢          |           |              | TENTURALLY ROCH IS STILL THE SAME AND                                                                                             |             |          | · -      |             |                   |
| -140              |            | K         |              | STILL COMPATIANT LEGET PLOUG FORTUPES<br>137.05 OT2 VEIN // FOLIATION - CLEAN (NO MINURAL<br>2ATTON) SLIGHTLY CHIMPITIC REAK EDGE |             |          |          |             |                   |
|                   | $\vdash$   | 2         |              |                                                                                                                                   |             | <b> </b> |          | <b> </b>    |                   |
|                   | -          |           |              | 137. 5-137.55 FRACTURE SHILL - WELL SCRICTIZED //FOLLATH<br>139.85-139.51 SWEAR //FOLLATAD (SCALLSTORTY) - CORE IS UCR,           | <b>~</b>    | <b>+</b> |          |             | <b> </b>          |
|                   | <u> </u>   | 075       | ╉╌┨          | FRIABLE - ERSILY BROWN BY NAMO<br>WELL SUBRICITIZED - PYRITE CONTENT CONSISTE                                                     |             |          |          |             |                   |
|                   |            | 8         |              | 140.20 - 140.25 PRACTURE // Schistopity<br>140.00 - 141.05 OTZ VENNING, CLEAN, WHITE, CHLORITIC ALTERAT                           | ~           |          | <u> </u> |             |                   |
| -145              | ·          |           |              | ALONE EXACTIFIES ERECLUER (P) MIGMAN<br>IN AMAGAGING - MAY OR MAY NOT A POLIATION                                                 | <b>e</b> 1. |          |          |             |                   |
|                   |            |           |              | 141.20 - 142.15 - BROWHEN AND BLOWNY CORE, FRACTURED WIL<br>MUD (SPECIFE) INFILL. MORE RESISTONT OF 2                             |             |          | <b> </b> |             |                   |
|                   |            |           |              | MUD (SEGLITE) INFILL. MORE RESISTONT OF 2<br>YEINS BRELLIATED.                                                                    | +-          |          |          |             |                   |
|                   |            |           |              | 14370-14391 - Drzukins - Sonsigner Concording ?                                                                                   |             |          | 1        |             |                   |
|                   |            |           | ╉╌┿┨<br>╃╌┿┨ | 144.15 2" OT2 VEINE & ICM WIDE Yeuting@ 80+75"<br>144.50 OT2 VEIN - PYENE RICH XAUTUM @ 25"                                       |             |          |          |             |                   |
|                   |            |           | ╂╌┿╌╿        |                                                                                                                                   |             |          | 1        |             | t                 |

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| WP-62 | 75C |
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|---------------------------------------|-------|--------------------|-----------------|-----------------|------------|----------|---------------|-------------|----------|---------------------------------------|
| MINERALIZATION<br>DESCRIPTION         | TOTAL | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER |            |          |               | -2          | 4.       | ASSAYS                                |
|                                       | l is  | ‴≚                 |                 |                 | <u> </u>   |          | м.            | A.          | A2       | L                                     |
| · · · · · · · · · · · · · · · · · · · |       | L                  |                 | · · ·           |            |          |               |             |          |                                       |
|                                       | -     |                    | 30              | 4967<br>No 4035 |            | • • • ·  | ,003          | .002        | . 61_    |                                       |
|                                       | 4     |                    |                 |                 |            |          |               |             |          |                                       |
|                                       |       | - 123              |                 |                 |            | -        |               |             | 1        | · · ·                                 |
|                                       |       |                    | 3.0             |                 |            |          | .002          | . 002       | .01      |                                       |
|                                       |       |                    |                 | NO LOSS         |            | <u> </u> | <u>t.</u><br> |             |          |                                       |
| 27.25 - 128, 23 . SHEAR, PyRITE       |       | - 126              |                 |                 |            |          | <u> </u>      | <u> </u>    |          |                                       |
| CONTENT \$15%                         |       | -                  | 3.0             | 4969            |            |          | . 00Z         | .005        | .01      |                                       |
|                                       |       | -                  |                 | NOLOSS          |            |          |               |             |          |                                       |
| ***                                   |       | - 129              |                 |                 |            |          |               |             |          | -                                     |
|                                       |       |                    |                 |                 |            |          |               |             |          |                                       |
|                                       |       | _                  | 3.0             | 4970.<br>Nowss  |            |          | .002          | .006        | .01      |                                       |
|                                       |       | - 132              |                 |                 |            |          |               |             |          | · · · •                               |
|                                       |       | - 196              |                 |                 |            |          |               |             |          |                                       |
|                                       |       | -                  | 30              | 4971            |            |          | .002          | .007        | .01      |                                       |
| •                                     |       | -                  |                 | تعا 55.0        |            |          |               |             |          |                                       |
| 137.0-                                |       | /35                |                 |                 |            |          |               |             |          |                                       |
| PYRITE CONTENT SUCHTLY INCRUSSED      |       | ŧn.                | 3.0             | 4972            |            |          | 001           | , 007       | 01       |                                       |
| TO AV 15-20%                          |       | -                  | 5.0             | NO 1055         |            |          |               |             | 191      |                                       |
|                                       |       | . 138              |                 |                 |            |          | _             |             |          |                                       |
|                                       |       | _                  |                 |                 |            |          |               |             |          |                                       |
| 3355 - 139.51 SHERE BYRITE & 15%      |       |                    | 30              | H973<br>No 1055 |            |          | .002          | .003        | ,ol      | · · · · · · · · · · · · · · · · · · · |
|                                       |       |                    |                 | 1.0             |            |          |               |             |          |                                       |
|                                       |       | - 141              |                 |                 |            | <u> </u> |               |             |          |                                       |
|                                       |       | -                  | 3.0             | 4975            |            |          | .001          | . 608       | . 02     |                                       |
|                                       |       | -                  | ┝╼╌┤            | NO 4055         |            |          |               |             |          | ·                                     |
|                                       |       | - 144              | ┣──┥            |                 |            |          |               |             |          |                                       |
|                                       |       |                    |                 | 49.74           |            | -        |               |             | <u></u>  | · · · · · · · · · · · · · · · · · · · |
|                                       |       | _                  | 30              | 4976<br>No 1055 | ····· ·· · |          | .0*1          | . 0.04      | .01      |                                       |
|                                       |       | - 147              |                 |                 | • • • • •  | ·- ·     |               | • • • • • • |          |                                       |
|                                       |       | / /¥               | <b> </b>        |                 |            |          |               |             |          |                                       |
|                                       |       | <b>-</b> .         | 30              | 4977            |            |          | •∞. <u>1</u>  | .009        | -01      | · · · · · · · · · · · ·               |
| · · · · · · · · · · · · · · · · · · · |       | -                  |                 | NO LOSS         |            |          |               |             |          |                                       |

| NP-6275           | iB         |             |                  |         |                                                                                                                                        |            |      |        |             |         |
|-------------------|------------|-------------|------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------|------------|------|--------|-------------|---------|
| PAGE              | 17         | 0           | F 15             | PROJE   |                                                                                                                                        | !+         | IOLE | NO.    | 9           |         |
| DEPTH<br>(METRES) | %Core Recy | LITHOLOGY   | STRUCTURE        |         | GEOLOGICAL DESCRIPTION                                                                                                                 |            | ALI  |        | TION        |         |
|                   |            | 113         |                  |         | 149.0 20TR VEINS LICHTHICK, VG PRETECONTENT SUB // POLISTICA<br>149.35. OTZ VEIN // FOLIATION (2)55° LICHTHICH                         |            |      |        |             | ·       |
|                   |            |             |                  |         | 139-56 OTZ VEW SUB // FOLIATION<br>150-05 OTZ VEW BOTH CROSS CUTTING AND // FOLIATION YG PIRME                                         |            |      |        |             |         |
|                   |            |             |                  |         | 151.6 + 151.25 OTZ VENS //FOLIATION YC. PYRITE.                                                                                        |            |      |        |             |         |
|                   |            | X           |                  | <u></u> | 153.0 - 153.15 LARCE IRREAULARLY CROSS CUTTING OT VEN.<br>Extensive Scritte Churchite Autoration an                                    |            |      |        |             |         |
|                   |            | - <b>M</b>  |                  |         | Entries 5.02.                                                                                                                          | -          |      |        |             |         |
| -158              | <u></u>    |             | <del>9</del> 775 | *       | 154-172m OTZ Survey TE Sunist - as about                                                                                               |            |      |        |             |         |
|                   |            |             | 5-35             |         | -FOLLIATION NOT AS well developed                                                                                                      |            |      |        |             |         |
|                   |            |             |                  |         | -OTE cleaning not as produce as above section)<br>but still evident (Disnoity of a 6-8 ven. /m)                                        |            |      |        |             |         |
|                   |            | ······      | E1+55            |         | -Au Sien will and var From X cutting,<br>Sub// to // WEAR Folkution.                                                                   |            |      |        |             |         |
| .160              |            |             |                  |         |                                                                                                                                        |            |      |        |             |         |
| -100              |            |             | ×.               |         |                                                                                                                                        |            |      |        |             |         |
|                   |            |             |                  |         |                                                                                                                                        |            |      |        |             |         |
|                   |            |             | FI - 55          |         |                                                                                                                                        |            |      |        |             |         |
|                   |            |             |                  |         |                                                                                                                                        |            | <br> | -:     |             |         |
| 165               |            |             |                  |         |                                                                                                                                        |            |      |        |             |         |
|                   |            |             | P:55             |         | 5<br>6<br>6                                                                                                                            |            |      |        |             |         |
|                   |            |             |                  |         |                                                                                                                                        |            |      |        |             |         |
|                   |            |             |                  |         | 168.48 -168.54 FRACTURE & NOT DESCORMAGES - WALL<br>SOMESTIELD CORE REWORKY "(AS PER MUDAY                                             | 2          |      |        |             | 4       |
|                   |            |             | e1+65            |         |                                                                                                                                        |            |      |        |             |         |
| 170               |            |             |                  |         |                                                                                                                                        | <b>6</b> - |      |        |             |         |
| 170               |            | · · · · · · |                  |         |                                                                                                                                        |            |      |        |             |         |
|                   |            |             |                  | *       | 172.0 - 206.86 QUARTZO-FLOSPASHIC UNIT                                                                                                 |            |      |        |             |         |
|                   | $\square$  |             |                  |         | - INTOROLLATINO HORIZOWS OF SURVICETIC SOUST                                                                                           |            |      |        |             |         |
|                   |            |             |                  |         | ROCK · VARMAK FROM < 0.05 - < 0.70 motos IN<br>WIGTA . CONTACTS GRADATIONAL TREFLUCTIONS                                               |            |      |        |             |         |
| 175               |            |             |                  |         | - FOLIATION BETTLE DUROPED IN VERY SURVITY.                                                                                            | · ····     |      |        |             | 1       |
| 173               |            |             |                  |         | NORIZON AND LUES SO IN LEELDSPATHIC MORIZONS<br>- SCRILITE ALTERATION PORMS IRREAULAR PATHILORYS                                       |            |      |        |             | ••••••• |
|                   |            |             |                  |         | ACCORDING TO ALTURATION INTONSITY OUTLINING A                                                                                          | -          |      |        |             |         |
|                   |            |             |                  |         | MABBLY TORTURE TO COME MASHS FOLIATION<br>- OTZ VEINING IS PROLIFIC RS CROSS CUTTING<br>NETWORKS , 1/ to SUD// TOFULATION AND (03 MORE | · ·        |      |        |             |         |
|                   |            |             |                  |         | FURTHUR ADDAR TO THE MARRY " APPENDENCE OF                                                                                             |            |      |        | • • • • • • |         |
|                   |            |             |                  |         | THE ROLM.<br>- CHLORITE ALTODATION MARCOUND OT 2 VEINT ALONG POLINTION                                                                 |            |      | !<br>• |             |         |

|                                                         | L w     | ب ا      | I               |                                                   | %       | %        | %    | 1        | Ţ             | COMPOSITE                               |
|---------------------------------------------------------|---------|----------|-----------------|---------------------------------------------------|---------|----------|------|----------|---------------|-----------------------------------------|
| MINERALIZATION<br>DESCRIPTION                           | TOTAL   | SAMPLE   | SAMPLE<br>WIDTH | ASSAY<br>NUMBER                                   |         |          |      |          |               | ASSAYS                                  |
| DESCRIPTION                                             |         | SAN      | SAN             | NUMPEN                                            |         |          |      | 02<br>TN | 02/4          |                                         |
|                                                         |         |          | +               | [                                                 | ┫────   | <u> </u> | Mo   | Au       | AB            | <b>}</b>                                |
| ·                                                       |         |          |                 |                                                   | · • · · |          |      | •        |               |                                         |
|                                                         |         |          | 3.0             | 4978<br>NO6035                                    |         |          | .∞z  | -006     | .01           | • • • • • • • • • • • • • • • • • • • • |
|                                                         | 1       |          |                 | -                                                 |         |          |      |          |               |                                         |
| 154-172 - RARITE CONTENT CONSISTANT AT                  |         | - 153    |                 | · · · · · · · · · · · · · · · · · · ·             |         |          |      |          |               |                                         |
| 15-20% DECREMENTAL<br>GRADATIONALLY NEAR MORE           |         | +        | 3.0             | 4979                                              |         |          | .001 | .008     | 01            | <u>+</u>                                |
| SCRICKING SECTION P                                     |         | <b> </b> |                 | NO 4055                                           | ļ       |          |      |          |               |                                         |
| - 172 meters                                            |         | - 156    |                 |                                                   | ļ       |          |      |          | · · ·         |                                         |
|                                                         |         |          |                 | ·· <del>·</del> · · · · · · · · · · · · · · · · · |         |          |      |          | <b>.</b>      |                                         |
|                                                         |         |          | 30              | 4980<br>No <i>lo</i> ss                           |         |          | .∞z  | .002     | .01           | ······                                  |
|                                                         |         | -        |                 |                                                   |         |          |      |          |               | · · · · · · · · · · · · · · · · · · ·   |
| ····· · · · · · · · · · · · · · · · ·                   |         | _ 159    | ·               |                                                   |         |          |      |          |               |                                         |
|                                                         |         |          | 30              | 4981                                              |         |          | .003 | \$0Q.    | .01           |                                         |
|                                                         |         | <b>.</b> |                 | NoLoss                                            |         |          |      |          | · • • • • • • |                                         |
|                                                         | 1 .     | - 162    |                 |                                                   |         |          |      |          |               |                                         |
|                                                         |         | -        | 3.0             | 4982                                              |         |          | .001 | .001     | 01            |                                         |
|                                                         |         | -        |                 | NOLOSS                                            |         |          |      |          | , 1           |                                         |
|                                                         |         | 165      |                 |                                                   |         |          |      |          |               |                                         |
|                                                         |         | <b></b>  |                 |                                                   |         |          | ·    |          |               | · · · · · · · · · · · · · · · · · · ·   |
|                                                         | • • • • |          |                 | 4983<br>No 6055                                   |         |          | .001 | .002     | .01           | · · ·                                   |
|                                                         | 4 1     | -        |                 |                                                   |         |          |      | -        |               |                                         |
|                                                         |         | - 168    |                 |                                                   | •       | <u> </u> |      |          |               |                                         |
|                                                         |         | -        | 3.0             | 4984                                              |         |          | .007 | .001     | ,01           |                                         |
|                                                         |         |          |                 | AD 4055                                           |         |          |      |          |               |                                         |
|                                                         |         | - 171    |                 |                                                   |         |          |      |          |               | · · · · -                               |
| 72 - 206.86 PYRITE CONTONT<br>DECREASED SLIKNTY TO K DI |         |          |                 | · · • • • • • · · · ·                             |         |          |      |          |               |                                         |
| within Servicitic Harizons                              |         | -        |                 | 4985                                              |         |          | .001 | ,œz      | .04           |                                         |
| AND CONSISTANT BETWEEN<br>10-159. WITHIN LESS ALTORGO   |         | -        |                 | NOLOSS                                            |         |          |      |          |               |                                         |
| VARY RAMY >15% BRUSPT                                   |         | - 174    |                 |                                                   |         |          |      |          |               |                                         |
| WITHIN SOME OT LARAS                                    |         | _        | 7               | 4001                                              | · · · · |          |      |          |               | · · · · · · · · · · · · · · · · · · ·   |
|                                                         |         | _        |                 | 4986<br>NO1-035                                   |         |          | -002 | .002     | -06           |                                         |
|                                                         |         | - 177    |                 |                                                   |         |          |      |          |               |                                         |
|                                                         |         | -117     |                 |                                                   | · · _ · |          |      |          |               | · · · · · · · · · · · · · · · · · · ·   |
|                                                         |         | -        | 30              | 4987<br>NO 6085                                   |         |          | .002 | .00Z     | .91           | · · · · · · · · · · · · · · · · · · ·   |
|                                                         |         |          |                 | مسمد مشمع                                         |         |          |      |          |               |                                         |

WP-6275C

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WP-6275B

| PAGE              |           | 0               | F /          | 5 PROJECT:                                                                 |           | HOLE     | NO.       | 9        |                                       |   |
|-------------------|-----------|-----------------|--------------|----------------------------------------------------------------------------|-----------|----------|-----------|----------|---------------------------------------|---|
|                   |           |                 |              |                                                                            |           | AL       | TERA      | TION     |                                       |   |
| DEPTH<br>(METRES) | %Core Re  | ГІТНОГОСУ       | STRUCTURE    | GEOLOGICAL DESCRIPTION                                                     |           |          |           |          |                                       |   |
|                   |           |                 | -            |                                                                            | -         |          |           |          |                                       |   |
|                   |           |                 |              |                                                                            |           |          |           |          | · · · · - ·                           |   |
|                   |           |                 | · · ·        |                                                                            | .<br>     |          |           |          | ·                                     |   |
|                   |           | ···· ·          | <br>         |                                                                            |           |          |           |          |                                       |   |
| -185              |           |                 |              |                                                                            |           |          |           |          |                                       |   |
|                   |           |                 | 65           |                                                                            |           |          |           |          |                                       |   |
|                   |           |                 | 5<br>F       |                                                                            |           |          |           |          |                                       |   |
|                   |           |                 |              | 194-60 - 194.77 OFZ VEW, CLEAN, WHIFE, NOPYRITE                            |           |          |           |          |                                       |   |
|                   |           |                 | ~~~~~        | CHILDRIFIC ALTERDETION REDUCE POLO                                         |           |          | <b> </b>  |          |                                       |   |
| - 190             |           | <br>            | 55<br>F-1    | ω <i>πτιν</i> ω.                                                           |           |          |           |          |                                       | L |
| •                 |           |                 | 55<br>F1     |                                                                            |           |          | <b> </b>  |          |                                       |   |
|                   |           |                 | $\sum$       |                                                                            |           |          |           |          |                                       |   |
|                   |           |                 | $\geq$       |                                                                            |           | ļ        | <b> </b>  |          | <b> </b>                              | } |
|                   |           | •               | $\sum$       |                                                                            |           |          |           |          | <br>                                  |   |
| - #95             |           |                 | $\sum$       |                                                                            | ļ         |          | <b> </b>  |          | <b> </b>                              |   |
| ·                 |           |                 | $\sum$       |                                                                            |           |          |           |          |                                       |   |
|                   |           |                 | $\sum$       |                                                                            |           |          | <b> </b>  |          |                                       |   |
| ÷                 |           |                 | $\square$    |                                                                            | -         |          |           |          | <u> </u>                              |   |
|                   |           |                 | $\sum$       |                                                                            |           | <u> </u> |           |          |                                       | ĺ |
| -200              |           |                 | $\sum$       | 206.66 - 210 00 012 Steekitt Schist                                        |           |          |           |          |                                       |   |
|                   |           |                 | 1115         | 206.66 - 210 00 012 SERVITE SCHIST<br>Like Section 154.0 + 178.0           |           |          | <b> </b>  |          |                                       |   |
|                   |           |                 | $\backslash$ | - PYRITE CONTENT INCREASED.                                                | -         | ļ        | <b> </b>  |          | ··· ·                                 |   |
|                   |           | ···             | -<br>        | 206.66 · 207.18 - SHEAR - CORE GATORSHIEY<br>SURILITIZED, SONT & CRUMPSLY. | ļ         | <b> </b> | · ·       | <u> </u> |                                       |   |
|                   |           |                 | $\leq$       |                                                                            | <b> </b>  | <b> </b> |           |          |                                       |   |
| -200              |           |                 |              |                                                                            | · · ·     | <b> </b> |           |          |                                       | - |
|                   |           |                 |              |                                                                            | <u> </u>  |          | <u> </u>  |          | ·                                     | l |
|                   |           |                 |              |                                                                            | <u> </u>  | <b> </b> | <u> </u>  |          |                                       |   |
|                   |           | ·k              |              |                                                                            |           | · · · ·  |           |          | · · · · · · · · · · · · · · · · · · · |   |
|                   | $\square$ |                 |              | 210 - END HOLE                                                             | ···- ···· |          | · · · · · |          | · • ÷                                 |   |
|                   |           | └── <b>↓</b> ── |              | GIU - EIVE AUE                                                             |           |          |           | ,        |                                       | ļ |

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| PAGE 15 OF 15                 | PROJECT  |                   |                    |                 | <b>.</b>          |     |   |             |              | ŀ                | IOLE NO. 9                            |
|-------------------------------|----------|-------------------|--------------------|-----------------|-------------------|-----|---|-------------|--------------|------------------|---------------------------------------|
| MINERALIZATION<br>DESCRIPTION |          | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER   | %   | % | %           | orfin        | 04               | COMPOSITE<br>ASSAYS                   |
|                               |          | -<br>S            | ** <u>Z</u>        | <u> </u>        |                   |     |   | Mo          | AU           | 02/<br>474<br>86 | · · · · · · · · · · · · · · · · · · · |
|                               |          |                   | -                  | 3.0             | 4988              |     |   | .09Z        | <i>.0</i> 02 | .03              |                                       |
|                               |          |                   | -                  |                 | NOLOSS            |     |   |             |              |                  |                                       |
|                               |          |                   | - 183              |                 | . <u>.</u>        |     |   |             |              |                  |                                       |
|                               |          | <u> </u>          | -                  | 30              | 4989<br>No 1055   |     |   | .002        | .002         | . <u>0</u> {     |                                       |
|                               |          |                   | _ 186              |                 |                   |     |   |             | • • • • •    |                  |                                       |
|                               |          |                   | - 706              |                 |                   |     |   |             |              |                  |                                       |
|                               |          |                   |                    | 3.0             | 4990<br>No 1055   |     |   |             | .œz          | . 01             |                                       |
|                               |          |                   | -189               |                 |                   |     |   |             |              |                  |                                       |
|                               |          |                   |                    |                 |                   |     |   |             |              |                  |                                       |
|                               |          |                   |                    | 3.0             | 4991<br>NO:6055   |     |   | .∞1         | -003         | .0/              |                                       |
|                               |          |                   | - 192              |                 |                   |     |   |             |              |                  |                                       |
|                               |          |                   | -                  |                 |                   |     |   |             |              |                  |                                       |
|                               |          |                   | <b>L</b>           | 30              | 4992<br>NO 1035   |     |   | .05         |              | .05              |                                       |
|                               |          |                   | _195               |                 | • •               |     |   |             | - ·          | <br>             |                                       |
|                               |          |                   | -                  | 70              | 4993              |     |   | .002        | -772         | .01              |                                       |
|                               |          | 1.5               | -                  |                 | NOLOSS            | ••• |   |             |              |                  |                                       |
|                               | <u> </u> |                   | - 198              |                 |                   |     |   |             |              | <b> </b>         |                                       |
|                               |          |                   | -                  | 3.0             | 4994              |     |   | .coz        | 100Z         | .02              |                                       |
|                               |          |                   | <u> </u>           |                 | N0 655            |     |   |             |              |                  |                                       |
|                               |          |                   | -201               | <b></b>         |                   |     |   |             |              |                  |                                       |
| ·                             |          |                   | -                  | 3.0             | 4995              |     |   | .003        | <i>2</i> 001 | . 03             | · · · · · · · · · · · · · · · · · · · |
|                               |          |                   | -                  | <b> </b>        | NO 4955           |     |   | <br>  · · · |              | <b> </b>         | <b></b>                               |
|                               | <u> </u> |                   | -204               |                 | · · · · · · · · · |     |   |             |              |                  |                                       |
| 205-210 FURITE                | a-16-5   |                   | <b></b>            | 30              | 4996<br>NO 6055   |     |   | .08Z        | +003         | .0z              |                                       |
| INCREASED 1                   |          |                   | -                  |                 |                   |     |   |             |              |                  |                                       |
|                               | ·        |                   | - 207              |                 |                   |     |   |             | · · · · ·    |                  |                                       |
|                               |          |                   | Ľ                  | 3.P             | 4997<br>NO LOGS   |     |   | .002        | . Do2        | .01              |                                       |
|                               |          |                   |                    |                 |                   |     |   |             |              |                  |                                       |

WP-6275C

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## IMPERIAL OIL LIMITED

# MINERALS SECTION

DRILL LOG

| PROJECT                                                                                                   | GROUND ELEV.         |
|-----------------------------------------------------------------------------------------------------------|----------------------|
| Sulphurets 2153                                                                                           | 4825 Ft 1471m        |
|                                                                                                           | BEARING              |
| 10                                                                                                        | 105°                 |
| LOCATION TOOM CON AFRA                                                                                    | DIP                  |
| 21 trea west of Granduce                                                                                  | -55                  |
| at meries we reported                                                                                     | TOTAL LENGTH         |
| 10<br>LOCATION I From Cap Area<br>26 metres west of Granduc<br>Trench 4 on a bearing of 290°              | 159.77               |
| LOGGED BY Z.J. FErguson Esse<br>Minul                                                                     | HORIZONTAL PROJECT   |
| DATE                                                                                                      | VERTICAL PROJECT     |
| July 31/80                                                                                                |                      |
| CONTRACTOR                                                                                                | ALTERATION SCALE     |
| $\Lambda$ $\Lambda$                                                                                       |                      |
| Arctic                                                                                                    | absent               |
|                                                                                                           | slight               |
| CORE SIZE                                                                                                 | moderate             |
| L KQ                                                                                                      |                      |
| DATE STARTED July 24 Pull move                                                                            | intense              |
| DATE STARTED July 24 Pull Move<br>July 27; 11 AM approx<br>DATE COMPLETED<br>July 20: 8 AM                | TOTAL SULPHIDE SCALE |
| DATE COMPLETED                                                                                            | traces only          |
| DATE COMPLETED<br>July 30', 8AM<br>DIP TESTS 12m 45m 75m 106m 136m 167m<br>PIP -547 -55 -55 -54 -53 -51.3 |                      |
| DIP TESTS 17 45 75m 156m 136m 167m                                                                        | < 1%<br>1% - 3%      |
| Do 100 55 -54 -53 -5/3                                                                                    | 3% - 10%             |
|                                                                                                           | > 10%                |
| Bearing 105.5 1065 105 104.5 110.5 101.5                                                                  | P4/144               |
| COMMENTS                                                                                                  | LEGEND               |
| famer and the                                                                                             |                      |
| Low Assays Throughout                                                                                     |                      |
|                                                                                                           |                      |
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| PAGE              | ~          |              |           |             |                                                                                                                                                                                                                                                                             |           |       |               |             |                            |            |
|-------------------|------------|--------------|-----------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|---------------|-------------|----------------------------|------------|
| (                 | $\prec$    | 0            | F         | 3 PRO.      | ECT:                                                                                                                                                                                                                                                                        | ۲<br>  ۲  | IOLE  | NO.           | 1           | ?                          |            |
| DEPTH<br>(METRES) | %Core Recy | тногосу      | STRUCTURE |             | GEOLOGICAL DESCRIPTION                                                                                                                                                                                                                                                      |           | ALI   | ERAT          | ION         |                            |            |
| -                 |            |              |           | Questude    | 0-1.89                                                                                                                                                                                                                                                                      |           |       |               |             |                            |            |
| -                 |            |              |           | . 1         | 1.89-2.52 (cored)<br>Greyte greyist grin & fine to medium grined atzofeldspath                                                                                                                                                                                              |           | sit.  |               |             |                            |            |
| - 5               |            |              |           |             | in inequilies patienest zonations,<br>3.31- 472-calife wein (1cm)<br>Ciratic qtz-py fracture fillings; chats common<br>5.79- pale prown disseminated spricite<br>scattered circulus 9 ovor astructures with zonal                                                           |           | -in   |               | ÷.,         |                            |            |
| -<br>-<br>- 10    |            |              |           | tration     | 8-8.8.07 idized sheas with limonite<br>18.9-9.3 : green sesicitic clasts up to 5 cm<br>19.9-10.4: rregulas fracture subparallel-oxidiz                                                                                                                                      |           |       |               |             | ,                          |            |
| -                 |            |              | 1271      | gtz-py Zone | 11.34-12.05 = irregular patchwork zone of varying<br>alteration (922-rick throughout)-sericitic (924) app<br>(2.90 small porphysy cleats<br>12.90 small porphysy cleats<br>2/3-17 = chlorite as interstitict 4 cleat replacement most<br>13.63-672- or replaced cepholograd | _         |       | A 0           |             |                            | ? <u>/</u> |
| - 15<br>-         |            |              |           | Corgonisti  | 14-14.6: Jzebbby Structure preserved                                                                                                                                                                                                                                        |           |       |               | <i>t is</i> | / <i>5</i> -1              | -          |
| -<br>-<br>- 70    |            |              |           |             | 18.3-20.0; alterition intensity & types results<br>In patchwork & locally loyers d(vein?) pettern (as<br>for 11.34-12.05)                                                                                                                                                   | s<br>Pati | tice  | 337<br>18-    | 20          | ́р.                        |            |
|                   |            |              |           |             | 21.5-21.7: brecciated host. Infilled by<br>py-ots and minos calcite<br>21.95-22.05: aster 21.5-21.7                                                                                                                                                                         |           |       |               |             |                            |            |
| -25<br>-          |            |              |           |             | 25.2-169.77 white at 2 veinlets a fracture till<br>common; meetly 5 to 10 fractice.<br>25.2-30.3. fine grained siliceous alteration<br>with ensemmed grained py a setter, servicitic alteration                                                                             | inga      | 11:51 |               |             | . <d< td=""><td></td></d<> |            |
|                   |            | ·<br>· · · · | 55č       |             | 28.87-29.27: fault zone; brees in with local<br>debrie and mud seamo.                                                                                                                                                                                                       | ~~        | ats.  | 1.y 5,<br>-25 | 7 - 2       | 63                         |            |

WP-6275C HOLE NO. /0 13 3 OF -**PROJECT:** PAGE % COMPOSITE ∽≁ TOTAL SULPHIDE 3/1a SAMPLE 3Ha SAMPLE WIDTH ASSAY MINERALIZATION ASSAYS NUMBER DESCRIPTION *4* L Ę Pyrite only sul incert where 2.52 1.75 1326 disseninated, frequently in small .06 .002 57-+27 3.81- cpy grain in Utz 4.62- or redized py-(shew?) -rich zone 5 .05 305 1327 002 7.1: Small dask patches for very Fire grained pupilt 2-3% 7.32 time by string 82: 3.04 1328 .00 8 KKm .11 84-85 Ectures 9.00 limonitic p 1019 33 12-10.36 10.84 = 1cm PS t 3000 65 č/P 1329 .02 .000 3.05 2-3 ¥. -13.41 1-2% 3 05 1331 (93% recvy) .007 - 06 1330 15 F16 46 17.06-19,11: Scattered white to dark, at 2 with my neinvers; steep visited 3.05 1331 -05 1018 5% - 19.51 20. 20.59: Y2cm str. chapy <u>3.96</u> D09 .06 1332 Q-37 <del>135</del> 23 47 .07 .003 1333 3.05 25 -2-3% -26.52 ( .40 .011 3:5 1334 3-52-29.57

| PAGE       | в<br>      | OF                                     | 1              | 3 PROJE                                   | ст:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | н          | IOLE       | NO.           | 10          | 2        |
|------------|------------|----------------------------------------|----------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|---------------|-------------|----------|
| <u>_</u> @ | 5          | 2                                      | E.             |                                           | <i>y</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            | ALT        | ERAT          | ION         |          |
| (METRES)   | %Core Recy | LITHOLOGY                              | STRUCTURE      |                                           | GEOLOGICAL DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |            |               |             | <br>     |
| 30         |            |                                        |                | (Conglomenatio)                           | 30.3-33.5: fine grained grey to dark grey altri;<br>gradetrinal upper contact. Variable clust, upto 3cm<br>Evrite feldgars common; scattered chitized-pysite<br>c/asts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 700        |            |               |             |          |
|            |            |                                        | له             |                                           | clasts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |            |               |             |          |
|            |            | ······································ |                |                                           | 33.5-33.78 = 0xidized tracture subpassillel c/A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            | •             |             |          |
|            |            |                                        |                |                                           | 34.1 = blue qtz grains up to Yacm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |            |               |             |          |
| -35        |            |                                        |                |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |            |               |             |          |
|            |            |                                        |                |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |            | ,<br>;;       |             |          |
|            |            |                                        | 25°C,<br>Icrur | hi<br>2 18 ja                             | 37.19-37.91: greyscherty zone shap to wescontact;<br>diffuse upper contact; servicitic frectives. probable verse<br>38.31-34.11: as for 37.19-37.41; bady fractureit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u>,</u>   | 1119       | 44            | >di4<br>37, | 31-42    |
|            |            |                                        |                |                                           | highly of dized ; uncommon py veriles 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |            |               |             |          |
| -40        |            |                                        |                |                                           | 1/monite; may include introduced qtz; gradational upper<br>+/cover boundaries<br>39.50-34.71: preciented zone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u>-</u>   |            |               |             |          |
|            |            |                                        |                |                                           | 39.50-34.71: Dreccine 2002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |            |               |             |          |
|            |            |                                        | :              | ,                                         | 42.1-45.4: Small feldgars Formmon plinitic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |            |               |             |          |
|            |            |                                        | 354<br>/aye    | A (Bedded<br>200 Status)                  | Fractures; gradational contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | ļ .<br>    | <br>          |             |          |
| -45        |            |                                        |                | (recally                                  | More siliceous lafers; primary layeung?<br>43.7-44.1: ao for 43.30; primary sedination la<br>44.5-56 : abundant clastic deln'is mostly gtzort<br>fragments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | cK         |            |               |             |          |
|            |            |                                        |                |                                           | fragments<br>45.01-46.01: white Deached, silve fied zone with limon<br>Fractures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | tri        |            |               |             |          |
|            | <b> </b>   |                                        |                |                                           | i , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |            |               |             |          |
|            |            | -                                      |                |                                           | 48-49.61: vorsable bleached to grey or white<br>colours, several limoutric fractures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |            |               |             |          |
| -50        |            |                                        |                |                                           | colous, several limoutric fractures<br>149.61-51.71: milky white to glacay graystznein;<br>boxken core in contact areas: local fractures;<br>bogal sulphate; white grey of gradational & 250pa<br>phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | t          | 472<br>47/ | z vei<br>167- | 51.<br>51.  | 1        |
| ¥ -        |            |                                        | 50%            | IA .                                      | plases<br>51.71-51.90 = gtz - py verilets with host                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            | <b> </b>   |               |             | <br>     |
|            | -          |                                        | ve             | net to                                    | The state of the s |            |            |               |             |          |
|            |            |                                        |                |                                           | 53.04-53.26 = Intrusive breacia 9/2 intor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            | +          |               |             | ,        |
| -55        |            |                                        |                |                                           | EF is fighted wartized clasts in slightly serieit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |            | -             |             | · ···,   |
| -99        |            |                                        |                | 10                                        | gtz of dopathic chigtic host; clusts up to 4 cm, clar<br>4 host very similar appearance<br>55; 36-55.50: 0xidized fronture zone; timorite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>1</b>   |            |               |             |          |
|            |            |                                        | 972.<br>972.   | en<br>th                                  | clays                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | +          |            | <u> </u>      | <u> </u>    |          |
| -          | $\vdash$   | ;                                      | 7.             |                                           | 155.78: 2 cm coricitized Volcanic tuld layes will                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |            | ,,            | ┨╼╴         | <b> </b> |
| •          | <b> </b>   | 1                                      | Bi             | Voj <u>cani chati</u><br>mgj <sub>a</sub> | altered sharps?<br>56.1-57.1: distinctive unit of interbedded sedime<br>N fulfaceous layers; biter with palegreen sericitic shar<br>57.1-59.5: conglomeratic or Volcan clustic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 745<br>104 | t, t       | par           | <b>a</b>    | 1        |

| WP-6275C                                                                                    |                                                  |                                             |                    | A     | 257 |                     |
|---------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------|--------------------|-------|-----|---------------------|
| PAGE 5 OF 13 PROJEC                                                                         | ст:                                              |                                             | _                  |       | У., | HOLE NO. /0         |
| MINERALIZATION<br>DESCRIPTION                                                               | TOTAL<br>TOTAL<br>SULPHIDE<br>SAMPLE<br>INTERVAL |                                             | SSAY<br>MBER       |       | %   | COMPOSITE<br>ASSAYS |
|                                                                                             |                                                  | 3.05 ]                                      | 335 ./2            | 2.004 |     |                     |
| · · · · · · · · · · · · · · · · · · ·                                                       |                                                  |                                             |                    |       |     |                     |
| 5<br>35.26 Yzem py ven                                                                      |                                                  |                                             | 36 .13             | .002  |     |                     |
| stide 12 cm pay vern                                                                        | <u>5-8</u> 2-35.6                                |                                             | 337 .02            | 8.003 |     |                     |
| Py content higheratorie + ni<br>at 2 vem (5-102): 38 31-<br>mies to trace py only           | 45<br>40.23<br>40.23<br>38.71<br>37.11           | 0.40 13                                     | 338 .0%<br>339 .09 |       |     |                     |
| 40.23-41.76: py gives unit<br>approximates; man a slight                                    | ptted<br>faith                                   |                                             | 340 .0             |       |     |                     |
| hiles around py)                                                                            | - 4/.76                                          |                                             |                    |       |     |                     |
| 44.01. 20mgth-pyrein et 60                                                                  | c/P: 3-52 144 51                                 | 3.05 13                                     | 34                 | 5.006 |     |                     |
|                                                                                             |                                                  | 3                                           | 42.09              | .009  |     |                     |
|                                                                                             |                                                  | 1.75 13                                     | 243 1              | 2.007 |     |                     |
| 48.99-50.99: 20-25% py<br>49.61.51.71- at vein with<br>ingrangety only; errore work         | rite                                             |                                             |                    | . 0/9 |     |                     |
| as veilletse pate her in ve                                                                 | -50.91                                           | 180 12                                      | 45.2               | .010  |     |                     |
|                                                                                             |                                                  | <b>2.2</b> 5 13                             | 46 .11<br>m)       | .007  |     |                     |
|                                                                                             |                                                  | <b>7.12</b> 13<br>(92) (9<br><b>0.93</b> 17 | 4703               | 7.003 |     |                     |
| 2.1-60.5: overall higher py<br>average 5-10 2 py with Freight<br>Patchess Zones of up to 29 | content; 56.05<br>uent 57.0                      | 3 (4)2 (1)<br>7 (0.93 / 3                   | 48.0               | 7.006 |     |                     |
|                                                                                             |                                                  | 2.13 /3                                     | 49-10              |       |     | -                   |
| 59.5-59.75: 10-15% pyinter<br>to servicit ized voltaning                                    | ship -59:12                                      | 5                                           | 350 .1             | 0.008 |     |                     |

|                     | 1        | •         | _ /           | 2                |               | AT.                                                                                                                                                                       |                                        |           |              | NO.                                           | 10        |          |
|---------------------|----------|-----------|---------------|------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------|--------------|-----------------------------------------------|-----------|----------|
| PAGE                |          | 0         |               | 2                | PROJE         |                                                                                                                                                                           | / <u>/`</u>                            | <u>ין</u> |              |                                               |           |          |
| S DEPTH<br>(METRES) | Recy     | ГІТНОГОСУ | STRUCTURE     |                  |               |                                                                                                                                                                           | . 7                                    | <b> </b>  | ALI          |                                               |           |          |
| DEP                 | Core     | 10H       | P<br>DC       |                  |               | GEOLOGICAL DESCRIPTION                                                                                                                                                    |                                        |           |              |                                               |           |          |
| <u>₩</u>            | %        | 5         | S1            | 71               | fered         | 545-59.75 : as for 56.1-57.1                                                                                                                                              |                                        |           | <b> </b>     |                                               |           |          |
|                     |          |           |               | ן אין<br>איז אין | diment        |                                                                                                                                                                           |                                        |           | <u> </u>     |                                               |           |          |
|                     |          |           |               |                  |               |                                                                                                                                                                           |                                        |           |              |                                               |           |          |
|                     |          |           |               |                  | ·· <u>·</u> · |                                                                                                                                                                           |                                        |           |              |                                               |           |          |
|                     |          |           |               |                  |               |                                                                                                                                                                           |                                        |           | . *          |                                               |           |          |
| ,                   |          |           |               |                  |               | 14 2- called an alter the struck                                                                                                                                          | bergenith ell-en-st                    |           |              |                                               |           |          |
| -65                 |          |           |               |                  |               | 64.7: cellulas alteration struct<br>cores surrounded by 9.72-ses<br>65.3-65.8: bsoken, sericiti                                                                           | icitic cims                            |           |              |                                               |           |          |
| -02                 |          |           |               |                  |               | 65.3-65.8 : broken serviciti                                                                                                                                              | e fracture Zone                        |           |              |                                               |           |          |
| •                   |          |           |               |                  | <u> </u>      |                                                                                                                                                                           |                                        |           | 1            |                                               |           |          |
| I                   |          | <u> </u>  |               |                  |               |                                                                                                                                                                           |                                        | +         |              |                                               |           |          |
| -                   |          |           |               |                  |               | Coloring and the                                                                                                                                                          | in margaret bil                        | 4-        |              | <b> </b>                                      |           |          |
|                     |          |           |               |                  |               | 65.65-63.76 = @tz zone with ch                                                                                                                                            | aling me gone 109                      | 1         |              |                                               |           |          |
|                     |          |           | <b></b>       |                  |               |                                                                                                                                                                           |                                        |           |              |                                               |           | <br>r    |
| -70                 |          |           |               |                  |               | 70.49-73.44 : lighter grey + fine                                                                                                                                         | grimed & more Silico                   | hin       | Hi           | illy                                          | Sili      | cífic    |
|                     |          |           |               |                  |               | 70.49-73.44 : lighter gray + fine<br>Than overlying muterial; also s<br>Scricitized material press                                                                        | t shightly chlotzer                    |           | <b>├</b> ──  | 20                                            | - 7       | ?        |
|                     |          |           |               |                  |               | 20.76-71.25 = fractured of br                                                                                                                                             | ken                                    | •         |              |                                               |           |          |
|                     |          |           |               |                  |               |                                                                                                                                                                           |                                        |           |              |                                               |           |          |
|                     |          |           |               |                  |               | 73.44-80.05 = extremely pilicen<br>relict blue to white silicified de<br>upper contact; ill-defined                                                                       | a light gray tourite;                  | 4         | Hi           | 17                                            | sili      | Filte    |
|                     |          |           |               |                  |               | repet blue to while splicitied cla                                                                                                                                        | ts vegue ; gradel                      | ine!      |              | 17.5                                          | -30       |          |
| -75                 |          |           |               |                  |               | afferer land, in Dermed                                                                                                                                                   |                                        |           |              | <u> </u>                                      |           |          |
| 10                  |          |           |               |                  |               |                                                                                                                                                                           | ·                                      |           |              |                                               |           |          |
| •                   |          |           |               |                  |               |                                                                                                                                                                           |                                        |           |              |                                               |           |          |
|                     |          |           |               |                  |               | 77.7-78.13: brokencore; py in                                                                                                                                             | alundant small                         |           |              | <b>†</b>                                      | <b> </b>  |          |
|                     |          |           | 1.04          | 10               |               | 77.7-78.13: broken core; py in<br>chusters: toot is grey gladay<br>effect?)<br>78.6-broken core<br>74.33-79.66: broken core                                               | asound py Teaching                     | -         |              |                                               |           |          |
| _                   |          |           | 60°C<br>Fali  | atin             |               | HB. 6 - brokencore                                                                                                                                                        |                                        |           | <b> </b>     |                                               | <b> </b>  |          |
| 20                  | Γ        |           |               |                  |               | 74.33-79.66 : broken core                                                                                                                                                 | 1                                      |           |              |                                               |           |          |
| -80                 |          |           |               |                  |               | 80.05-80.65: bothen cone, se<br>ED.05-101.99: very silicom<br>mixture of both with no again<br>silicome zones are lette<br>82.7-83.1: some green set<br>with gtz artining | sighting, limonitie                    | : 5//     | 191          | ed 1                                          | $\dot{C}$ |          |
|                     | <u> </u> |           |               |                  |               | 50.05-10. 27 · very sill com                                                                                                                                              | and curtacts very                      | 47/       | E            | - 10                                          | 1         | - etc    |
|                     |          |           | ļ             |                  |               | silicons zones ar labo                                                                                                                                                    | pyr. tic (<102)                        |           |              |                                               | <u> </u>  |          |
|                     |          | · ·       |               |                  |               | 82.7-83,1: some green ser                                                                                                                                                 | preite insocialed                      |           |              | <u> </u>                                      | · ·       | <b></b>  |
| •                   |          |           |               |                  |               | r g                                                                                                                                                                       |                                        |           |              |                                               |           |          |
|                     |          |           |               | <b> </b>         |               |                                                                                                                                                                           | ······································ | -         | <del> </del> | 1                                             | t         |          |
| -85                 |          |           |               |                  |               |                                                                                                                                                                           |                                        | +-        | $\vdash$     | ┨                                             | ┼         | ┠╌╼      |
|                     |          |           | ļ             |                  |               |                                                                                                                                                                           | <u> </u>                               | <u> </u>  | <b> </b>     | ┨                                             | <b> </b>  |          |
|                     |          |           | ·             |                  |               |                                                                                                                                                                           |                                        | ·         |              |                                               |           |          |
| •                   |          |           | 60° c<br>40 l | IP.              | <u> </u>      |                                                                                                                                                                           | ·····                                  | ·         |              |                                               |           |          |
| - <                 | <b> </b> |           | +01           | iat no           | <del>r</del>  | 88.7: bin sonicite on ch                                                                                                                                                  | u instancialit                         |           |              | <u>†                                     </u> | <u> </u>  | <u> </u> |
|                     |          |           |               | <b> </b>         |               | 88.7: known sericite or ch<br>also possible zeolit                                                                                                                        | Anna Libra C                           | <u> </u>  | +            | ┟╌╌                                           |           |          |
|                     |          |           | ┨╌┼╌          | 1                |               |                                                                                                                                                                           | ·                                      |           |              | 1                                             | 1         |          |

| WP-6275C                                                                                               |                     |            |                  |                 |       |                | A       | 1        |          | <u></u>             |
|--------------------------------------------------------------------------------------------------------|---------------------|------------|------------------|-----------------|-------|----------------|---------|----------|----------|---------------------|
| PAGE 7 OF 13 PROJECT:                                                                                  |                     |            |                  |                 |       |                | 1       | <u> </u> | ю        | ILE NO. 10          |
| MINERALIZATION<br>DESCRIPTION                                                                          | TOTAL<br>SIII PHIDE | 1          |                  | ASSAY<br>NUMBER | t g/T | *<br>3/1<br>Hu | %<br>Mo | F.       |          | COMPOSITE<br>ASSAYS |
|                                                                                                        |                     | F612.1     | <sup>0</sup> 5_  | 1               |       |                |         |          |          |                     |
|                                                                                                        |                     |            | 3.04             | 1351            | .07   | .00            |         |          |          |                     |
|                                                                                                        |                     |            | Г<br>с Е—        |                 |       |                |         |          |          |                     |
|                                                                                                        |                     | F63 (      | יי<br>ויי        |                 |       |                |         | <u>.</u> |          |                     |
|                                                                                                        |                     |            | 3.05             | 1352            | .08   | .006           |         |          |          |                     |
|                                                                                                        | <u> </u>            | -66.11     | ¥                |                 |       |                |         |          |          |                     |
| 66.44: py tractures                                                                                    |                     |            | ' <u>3.65</u>    | 1353            | .10   | .007           |         |          | <u> </u> |                     |
|                                                                                                        |                     | +          |                  |                 |       |                |         |          |          |                     |
|                                                                                                        |                     | -69.1      | ۱ <del>  -</del> |                 |       |                |         |          |          |                     |
|                                                                                                        |                     | +          | 3.05             | 1354            | .09   | .006           |         |          |          | <u> </u>            |
|                                                                                                        |                     | +          | 5,05             |                 | 101   | .2.00          |         |          |          |                     |
|                                                                                                        |                     | +12.2      | 24               |                 |       |                |         |          |          |                     |
| 73.44-775: minestetraci py                                                                             |                     | +          | 3.04             | ( 10 mm         | 04    | . 006          |         |          |          |                     |
| · · · · · · · · · · · · · · · · · · ·                                                                  |                     | +          | 5.07             | 1355            |       |                |         |          |          |                     |
|                                                                                                        | 1                   | - 15.5     | 28               |                 |       |                |         |          |          |                     |
|                                                                                                        |                     | -+         | 3.05             | 1356            | .0/   | . 007          |         |          |          |                     |
| 77.7-78.13 = py in Smull chusters                                                                      | - <b></b>           | +          | -                |                 |       |                |         |          |          |                     |
|                                                                                                        | 1                   | -78.3      | 33               |                 | 1     |                |         |          |          |                     |
| 29.85-80.05 : 15 % Pm                                                                                  |                     | $\uparrow$ | 3.05             | 1357            | .13   | .008           | .002    |          |          |                     |
| 29.85-80.05: 15% py<br>80.05-E.0.65: py veinlets                                                       |                     |            |                  |                 |       |                |         |          |          |                     |
|                                                                                                        |                     | F81.:      | 38               |                 |       |                |         |          |          |                     |
| 82.7-83.1 = " teur pysitic veinte                                                                      | ħ                   |            | 3.04             | 1358            | .11   | . 016          | .002    |          |          |                     |
|                                                                                                        |                     | Ţ,         |                  |                 |       |                |         | ļ        |          |                     |
|                                                                                                        |                     | -84.1      | 42               | ļ               |       |                |         |          | <b> </b> |                     |
|                                                                                                        |                     | <b>_</b>   | 3.04             | 1359            | .10   | .007           | . 002   | ļ<br>    | <b>_</b> |                     |
|                                                                                                        |                     | <u> </u>   |                  | ļ               |       | ļ              |         |          | 1        |                     |
|                                                                                                        |                     | -87.4      |                  |                 |       | · ·            |         |          | <b>_</b> |                     |
| 86.4-92.2: a few this moly-<br>bearing at 2-py nembers<br>trace moly inhost; tracegalana<br>in vernets | . (                 |            | 3.05             | 1360            | .21   | ,009           | .002    |          |          | · · ·               |
| trace moly inhost ; trace galence                                                                      |                     | ÷ -        |                  | ···- ·· ·       | -     |                | 1       |          |          |                     |

WP-6275B of 13 HOLE NO. в 10 PROJECT: PAGE ALTERATION STRUCTURE DEPTH (METRES) %Core Recy ITHOLOGN GEOLOGICAL DESCRIPTION 91-2: scattered green sericitic tragments -ma in part be # mestat 50-60' 93. 87-96.87: Qtz veints common 50-612 (1A; palegreen sericite locally Veine 3 45 Q12 Vein 96-87-101 47 96.87-101.47: Gtz vein white to gray gtz, 5°C, Through hierendry number of at 2 verifiets, pale green serifie in unitys locally; white bygreenfat 2 both gridthal + 2 separate phases; py in green at 2 1+-0 Fikation -100 Sactures 101.4-101.6: Timonetic oxeduaded 101.47-111.8 : Intense mecsofsau 101.47-159.25 = very silicents of Hight l/ic tre 159 Features usually apparent .105 106.32-113.5: small felderare to cally a more trained in small clusters; probably alter fait unical in 108. 28-10 8.53 : Fractured, booken privilized cose 109.86-110.21: 00 for 108.28-108.53 10 111.68-113.10: tractured brokenzon 13.36: brown sericite on clay on trach صتك 1/4-2152: fractures with py, sericite comment 115 Untense fracturing locally 115.16-115.46: broken with several gt, ven 0 19.01; layering-py-rich layes reflects pon Jayering 27

| WP-6275C                                            |                | <u> </u>          |                            |                        |                                                |                      |              | Z        | F       | T  |                                        |
|-----------------------------------------------------|----------------|-------------------|----------------------------|------------------------|------------------------------------------------|----------------------|--------------|----------|---------|----|----------------------------------------|
| page 9 of 13                                        | PROJECT:       |                   | T                          | <b>.</b>               |                                                | <b>11</b> 0/.        | 7            | 1        |         | но |                                        |
| MINERALIZATI<br>DESCRIPTIO                          | N              | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL         | SAMPLE<br>WIDTH        | ASSAY<br>Number                                | 237.49               | # 17<br>Hu   | %<br>Nio | 7.<br>W |    | ASSAYS                                 |
| 66.4-92.2: overall<br>content 5to 152               | highenpy       |                   | -90.53                     |                        |                                                |                      |              |          |         |    |                                        |
|                                                     | <u></u>        |                   | -                          | 3.05                   | 1361                                           | .50                  | 2019         |          |         |    |                                        |
|                                                     |                |                   | 93.51                      |                        | ······································         | 11                   |              |          |         |    |                                        |
|                                                     |                |                   | <b></b>                    | 3.05                   | 136.2                                          | . 31                 | .017         |          |         |    |                                        |
| 16.87-101.47: Pt2 ye                                | in with pay;   |                   | -96.62                     |                        |                                                |                      |              |          |         |    |                                        |
| 77.54 = tracegal                                    | it sph?stringe | <u>~</u>          |                            | <b>7</b> .51           | /363                                           | 3.16                 | .027         | .012     |         |    |                                        |
| 94.13-49.28.25%.<br>very pately dustil              | Ryin           |                   | -99.13<br>-95.28<br>-55.67 | 0. <b>1</b> 5<br>1. 39 | 1304<br>1305                                   | 1.12<br>• 35<br>• 36 | .039<br>.017 | .002     |         |    |                                        |
| 101.47-111.86: py o                                 | microfracture  | · ·               | -101.47                    | 1.90                   |                                                | . 17                 |              | .003     |         |    |                                        |
| 101.47-111.86: py<br>common hoke<br>12y content (5% | )              |                   | -102.71                    | 1.24                   | 1367                                           | .//                  | .011         | .002     |         |    |                                        |
|                                                     |                |                   | <b>_</b>                   | <b>3</b> 06            | 1365                                           | • 11                 | .007         | -001     |         |    |                                        |
|                                                     | <u></u>        |                   | -105.77                    |                        |                                                |                      |              |          |         |    | ,                                      |
|                                                     | <u> </u>       |                   |                            | 3.04                   | 1369<br>12100000000000000000000000000000000000 | .09                  | .007         | .002     |         |    | <u> </u>                               |
|                                                     |                |                   | -108.3j                    |                        |                                                |                      |              |          |         |    | ······································ |
|                                                     | <u></u>        | ·<br>·            |                            | 3.05                   | 1370                                           | .29                  | .047         | .012     |         |    |                                        |
|                                                     |                |                   | -<br>_/!!.86               |                        |                                                |                      |              |          |         |    |                                        |
|                                                     |                |                   | +                          | 3.05                   | 1371                                           | .06                  | .012         | .006     |         |    |                                        |
|                                                     |                |                   |                            |                        |                                                |                      |              |          |         |    |                                        |
| 16.13-116.23 min<br>patche                          | - mala         |                   | <u> </u>                   | 3.05                   | 1372                                           | .02                  | .006         | · 003    | .002    |    |                                        |
| patcha                                              | sin host       |                   | -117.96                    |                        |                                                |                      |              |          |         |    |                                        |
|                                                     |                |                   | Ī                          |                        | 1373                                           | .08                  | .009         | .003     | .002    |    | ·                                      |

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| PAGE                | 11         | ) oi      | F Í                  | Z PROJECT:                                                                                                                                                                                | F             | IOLE                                  | NO.      | 1        | 0     |
|---------------------|------------|-----------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------|----------|----------|-------|
|                     | · · ·      |           |                      |                                                                                                                                                                                           | $\frac{1}{1}$ | ALT                                   | ERAT     |          |       |
| , DEPTH<br>(METRES) | %Core Recy | гітногову | STRUCTURE            | GEOLOGICAL DESCREPTION                                                                                                                                                                    |               |                                       |          |          | <br>, |
| 20                  |            |           |                      |                                                                                                                                                                                           |               |                                       |          |          |       |
|                     |            | ·         |                      |                                                                                                                                                                                           |               |                                       |          |          |       |
|                     |            |           |                      |                                                                                                                                                                                           |               |                                       |          |          |       |
|                     |            |           | 50                   | och 123.50-126.60: Strong ety verying (752);<br>interts verying to V2 m; greygty part host                                                                                                | 1             |                                       |          | - · ·    |       |
| 125                 |            |           | ver                  | very signilas appendence, your servicite loca                                                                                                                                             | in,           |                                       |          |          |       |
| ~ 2                 |            |           | HIE.                 | by 1514-1319- regulas pattern of gty or interest                                                                                                                                          |               | · · · · · · · · · · · · · · · · · · · |          | ,        |       |
|                     |            |           | Kriter<br>I          |                                                                                                                                                                                           | 7             |                                       |          |          |       |
|                     |            |           |                      | 128.0-130.35 : proken tractured core                                                                                                                                                      |               |                                       |          |          |       |
| 170                 |            |           | •                    |                                                                                                                                                                                           |               |                                       |          |          |       |
| -}30                |            |           |                      |                                                                                                                                                                                           |               |                                       |          |          |       |
|                     |            |           | 4Cc1                 | 131.4-131.9: segurazathernofats veinlets                                                                                                                                                  | *             |                                       |          |          |       |
|                     |            |           | 1000                 |                                                                                                                                                                                           |               |                                       |          |          |       |
|                     |            |           |                      |                                                                                                                                                                                           |               |                                       |          |          |       |
|                     | -          |           | <u> </u>             |                                                                                                                                                                                           |               |                                       |          |          |       |
| 135                 |            |           | <b>+</b>             |                                                                                                                                                                                           |               |                                       |          | , e      |       |
|                     |            |           |                      |                                                                                                                                                                                           | 1             |                                       | 1        |          | :     |
|                     |            |           |                      |                                                                                                                                                                                           |               | <u> </u>                              | <b>†</b> |          |       |
|                     |            |           | ╞                    |                                                                                                                                                                                           | +             |                                       | 1        |          |       |
|                     | -          | <u> </u>  |                      | 139.4: probable clasts present                                                                                                                                                            | ╉╍━           |                                       |          |          |       |
| 140                 |            |           | 204                  |                                                                                                                                                                                           | 4             | ╉╌╴                                   | ┼╌╌      |          |       |
|                     |            |           | Shi                  | oin 140.4-140.9: Shoured by perioded zone; service and clarge (Interne ple yellow elwy inone 3-mil                                                                                        |               |                                       |          |          |       |
|                     | ┝          |           |                      | 140.4 150.9 broken zones Common, scatter<br>this stears, locally and the property of the first<br>142.6-146.02: abundant white at 2 verning<br>no pyrite; 102 verning; minor yreen sesses | min           | +                                     | <u> </u> |          |       |
|                     | -          |           |                      | no pyrite; 102 veining; minor yreen sesi                                                                                                                                                  | ₩             | {                                     |          |          |       |
|                     |            |           |                      |                                                                                                                                                                                           |               | +                                     |          | ┣        |       |
| 145                 | 1_         | ·····     | <u> </u>             |                                                                                                                                                                                           |               | <b>_</b>                              | <u> </u> | <b> </b> |       |
|                     |            | <b></b>   | 1                    |                                                                                                                                                                                           | -             | <u> </u>                              |          |          | -     |
|                     |            |           |                      | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                     |               |                                       |          |          |       |
|                     | L          |           |                      |                                                                                                                                                                                           |               |                                       |          | <u> </u> |       |
|                     |            |           |                      |                                                                                                                                                                                           |               |                                       |          | <b>[</b> |       |
|                     |            |           | $\left\{ - \right\}$ |                                                                                                                                                                                           | (             | -                                     | 1        |          |       |

| WP-6275C                                                     |          |                    |                 |                                       | <del></del>        |          |          | / +   | - <u>-</u> |                                |
|--------------------------------------------------------------|----------|--------------------|-----------------|---------------------------------------|--------------------|----------|----------|-------|------------|--------------------------------|
| PAGE // OF / 3 PROJECT:                                      |          |                    |                 |                                       |                    |          |          |       | но         | LE NO. (0                      |
| MINERALIZATION<br>DESCRIPTION                                | TOTAL    | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER                       | 2 A                | * H      | %<br>[^  | .70   |            | COMPOSI <sup>®</sup><br>ASSAYS |
| 120                                                          | S I      | S Z                | <u>ں</u> ب      |                                       | ני ו               | 1 14     | Mo       | W     |            |                                |
|                                                              |          | =121.01            |                 |                                       |                    |          |          |       |            |                                |
| 122.96: possifie fine dissem.                                |          |                    | 2.79            | 1374                                  | .05                | .006     | :002     | .003  |            | <u> </u>                       |
| 123.8-121.60 overal 15%                                      |          | F                  |                 |                                       |                    |          |          |       |            |                                |
| 125                                                          |          | -123.80<br>124.05  | 8.25            |                                       | ,/- <del>9</del> - | -008     | .001     | .001  |            |                                |
|                                                              |          | _                  | 2.55            | 1376                                  | .34                | .023     | .005     | .052  | -          |                                |
| 126.60-151 : higher average<br>py content (5 to 103 disser). |          | -126.60<br>127.10  | <u>05</u>       | 1377                                  | . 10               | .008     | -007     | .003  |            |                                |
|                                                              |          |                    |                 |                                       | - 22               |          |          |       |            |                                |
|                                                              |          |                    | 2.05            | 1378                                  | 108                | .010     | • 0°,    | .002  |            |                                |
|                                                              |          | 130.15             |                 |                                       |                    |          |          |       |            |                                |
|                                                              |          | Ī                  | 3.05            | 1329                                  | .10                | .006     |          | .001  |            |                                |
|                                                              |          |                    |                 |                                       |                    |          |          |       |            |                                |
|                                                              |          | F133. 20           |                 |                                       |                    |          |          |       |            |                                |
|                                                              |          | <u>+</u>           | 3.05            | /380                                  | .09                | ,007     | n        | .001  |            |                                |
|                                                              |          | F136.29            |                 | ·                                     |                    |          | <u> </u> | ┢╴╌┼  |            |                                |
|                                                              | -        | +                  | 3.04            | 1381                                  | .07                | .008     |          | .002  |            |                                |
|                                                              |          | <b>†</b>           |                 |                                       |                    |          |          |       |            |                                |
|                                                              |          | F139.29            |                 |                                       |                    | <b> </b> | <br>     |       |            |                                |
|                                                              | <u></u>  | ÷                  | 305             | 1387<br>20 recny)                     | . 28               | - 008    | '<br>    | .002  |            |                                |
|                                                              |          | -142.39            |                 | J'                                    |                    |          |          | +     |            |                                |
|                                                              |          | ┢                  | 305             | 1383                                  | -07                | . 000    |          | . 001 |            |                                |
|                                                              | 1        | +                  |                 |                                       |                    |          |          |       |            |                                |
|                                                              |          | -145.39            |                 |                                       |                    |          |          |       |            | ļ                              |
|                                                              | <b>_</b> | ╞                  | 3.05            | 1384                                  | .02                | - 008    | 3        | -002  |            |                                |
|                                                              |          | -<br>              | <b></b>         | · · · · · · · · · · · · · · · · · · · |                    |          |          |       |            |                                |
|                                                              |          | 110.11             | 1               |                                       | 1                  | 1        |          |       |            | l                              |

| PAGE            | 1          | <br>)0    | - /         | 2 PROJE                               |                                                                                         | Я   | OLE        | NO.       | 16           |                |
|-----------------|------------|-----------|-------------|---------------------------------------|-----------------------------------------------------------------------------------------|-----|------------|-----------|--------------|----------------|
|                 | · ·        |           |             | <u>)</u>                              |                                                                                         |     |            | ERAT      | ,            |                |
| DEPTH<br>METRES | %Core Recy | гітногоду | STRUCTURE   |                                       | GEOLOGICAL DESCRIPTION                                                                  |     |            |           |              | <br>           |
| -70-            |            |           |             |                                       |                                                                                         |     |            |           |              |                |
|                 |            |           |             |                                       |                                                                                         |     | į          |           |              |                |
|                 | <b> </b>   |           |             | <del>.</del>                          | 152: 159.25: zone of irregulas patchwork?<br>alta greys to green a zones                | Pat | Sik        | e.        | ρ <u>ι</u> μ | ગવ             |
|                 | -          |           |             | <br>                                  | are more servicitic                                                                     |     | ./=        | 2-        | रेझ          |                |
|                 |            |           |             |                                       |                                                                                         |     |            |           |              |                |
| -155            | ┣—         |           |             |                                       |                                                                                         |     |            |           |              |                |
|                 | L          |           |             |                                       |                                                                                         |     | - <u>-</u> |           |              |                |
|                 |            | · ·       |             |                                       |                                                                                         |     |            | ┝──┤      |              |                |
|                 |            |           | .<br>       |                                       |                                                                                         |     |            |           |              |                |
|                 |            |           |             |                                       |                                                                                         |     | -          |           |              | ų į            |
| lla             |            |           |             | Construction                          | 159.25-163.37: 2000 of stretched fragmental                                             |     | 50 h       | (1)<br>4- | 163          | <b>4</b> 777 e |
| -160            |            |           | ste         | rslf                                  | colow; ribbon structuredeveloped; moderate<br>servicitie foriation; probability my long |     |            |           |              |                |
|                 | $\vdash$   |           | + e //4     | Shialing                              | segrettic FOUSTRE, parsais ingitie                                                      |     |            | -         |              |                |
|                 | $\vdash$   | +         |             |                                       |                                                                                         |     |            |           |              | ~              |
|                 | -          |           |             |                                       | 163.37-169.77 = light grey very siliceon,<br>green sessible elets steelly               |     | Hiğ        | Ki,       | i lic.       | free           |
|                 | <b> </b>   |           | <b> </b>    |                                       |                                                                                         |     | ŤE         | 3-        | 169.         | 72.            |
| -115            |            | <u> </u>  | 504         | o. IF                                 |                                                                                         |     |            |           |              |                |
|                 | <b></b>    | -         |             |                                       | weak elongeten of sesilitie c bts<br>116.0-166.9: proken core                           |     |            | ╂         | <u> </u>     |                |
|                 |            |           |             |                                       |                                                                                         |     | ļ          | <b> </b>  | <u> </u>     |                |
|                 |            |           |             |                                       |                                                                                         | ·   | ļ          | <u> </u>  | <u> </u>     |                |
|                 |            |           |             | ,                                     |                                                                                         |     |            |           |              |                |
|                 |            |           | 45          | 117<br>aton                           |                                                                                         |     |            |           |              |                |
| -               |            |           |             |                                       | 169.77 E014                                                                             |     |            |           |              |                |
|                 | $\vdash$   |           |             |                                       |                                                                                         |     |            |           |              |                |
|                 |            |           | <u> </u>    |                                       |                                                                                         | 1   |            | 1         |              |                |
|                 |            | <b>_</b>  |             |                                       |                                                                                         | +   |            | +         |              | -              |
|                 | $\vdash$   |           |             | ·····                                 |                                                                                         |     | <b> </b>   | ╞         | ┼─           |                |
| -               |            |           | · · · · · · |                                       |                                                                                         |     |            | +         |              |                |
| ·               |            |           |             | <u></u>                               |                                                                                         |     |            | ╄         |              | -              |
|                 |            |           |             |                                       |                                                                                         |     | 1          | <b>_</b>  |              | 1              |
|                 |            |           |             |                                       |                                                                                         |     | 1          | ·         | <br>         | 1              |
| ,               |            | -~        |             | · · · · · · · · · · · · · · · · · · · |                                                                                         |     |            |           |              |                |
|                 |            |           |             |                                       |                                                                                         |     | +          | <b> </b>  | ╞            |                |

WP-6275C page /3 of /3 HOLE NO. 10 PROJECT : \* 7/T Hg % COMPOSITE TOTAL SULPHIDE SAMPLE INTERVAL SAMPLE WIDTH ASSAY NUMBER **MINERALIZATION** ASSAYS DESCRIPTION 150 151.49 305 1386 .14 .008 154.54 3.05 13.87 .07 . cob -157.59 3.05 1388 -11 (96 ( recy) .009 -160.64 .15 .006 305 1359 (97 2 pecry) 163 69 .01 .012 3.4 1390 166.73 304 1391 (962 recry) .03 .04 -169.77 ECH Acres and Ess Mineral -20/0 157 . . .

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# IMPERIAL OIL LIMITED MINERALS SECTION

DRILL LOG

| PROJECT j j                                                                                                       | GROUND ELEV.                               |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Sulphurets 2153                                                                                                   | 4600 Fl. 1402m                             |
| HOLE NO.                                                                                                          | BEARING 110°                               |
| LOCATION from Cop Frea                                                                                            | -55°                                       |
| 42 m at 305 from trench 6                                                                                         | TOTAL LENGTH 25.2.68                       |
| LOGGED BY L. Ferguson Esseminesal                                                                                 | HORIZONTAL PROJECT                         |
| DATE Gugust 10/80                                                                                                 | VERTICAL PROJECT                           |
| CONTRACTOR                                                                                                        | ALTERATION SCALE                           |
| Frette                                                                                                            | absent<br>slight                           |
| CORE SIZE BQ                                                                                                      | moderate                                   |
| DATE STARTED July 31/80 Prill Move                                                                                | TOTAL SULPHIDE SCALE                       |
| DATE COMPLETED $Aug. 7/80$<br>DIP TESTS 28.65m 65.23m 101.80 138.38 174.96<br>$F_{1P} = -54 - 52.8 - 52.8 - 50.7$ | traces only $< 1\%$<br>1% - 3%<br>3% - 10% |
| Direction 113.0 120.5 122.5 123.0 124.0                                                                           | > 10%                                      |
| 211.53 248.11<br>DIP -48 -47.8<br>Direction 120.0 121.0                                                           | LEGEND                                     |
|                                                                                                                   | - A                                        |

| PAGE              | 1          | ^         | <i>⊧ [8</i> | PROJ                | ECT: Sulphurets                                                                                                                                                                                                         |                   | IOLE  | NC        |               |              |
|-------------------|------------|-----------|-------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------|-----------|---------------|--------------|
|                   | /          | · · · · - | <u> </u>    |                     | SullAurens V                                                                                                                                                                                                            |                   |       | ERAT      | -             |              |
| DEPTH<br>(METRES) | %Core Recy | ТНОГОСУ   | STRUCTURE   |                     | GEOLOGICAL DESCRIPTION                                                                                                                                                                                                  |                   |       | ERA       |               |              |
|                   |            |           |             | Werburge            | 0-3.60: Casing, Nocos recorry                                                                                                                                                                                           |                   |       |           |               |              |
|                   |            |           |             |                     |                                                                                                                                                                                                                         |                   |       | , Py      | rit           | d n          |
|                   |            | -         |             | Filend<br>Sectiment | Pale your to pale great and delds the espirate so the<br>generally lacks taken to primary tooling , to why                                                                                                              | ale in            | sti.  | n.<br>Dir | 1/1<br>a      | Al           |
| - 5               | ļ          |           | 50-1        | · Th                | chlorite in dustion part zones, its cite to verticity<br>chlorite in dustion part zones, its cite to verticity<br>common throughout civer oying 5 k ropes metre; tiser<br>medium graind<br>it 7-53 - booking printering | 4<br>             | 3.6   | - 3       |               | ž            |
|                   | -          |           | Frick       | 11/y                | 6.3-744: 20me with ut2 meins, or diged tractines, beat sh                                                                                                                                                               |                   |       |           |               |              |
|                   |            |           | -           | ·····               | charsenicite                                                                                                                                                                                                            |                   |       |           |               |              |
|                   | ļ          | <br>      |             |                     | 2 2- Et Zrz. Monte- ptz weis thand poteter<br>3.57-903<br>4.2 py-chl patch                                                                                                                                              |                   |       |           |               |              |
| - 10              |            |           |             |                     | 4 71 Aurell wein                                                                                                                                                                                                        | - I               | inon, | ai fu     | top           | in the       |
|                   |            |           |             | (conglemente        | very vouce fine yound a lichter class in medium printer on                                                                                                                                                              | The<br>The<br>The | 1 2   | l F.c.    | They          | ilie<br>1.e- |
|                   | -          |           | V Church    | <u></u>             | 12.4 ; 3cm currenters tructure : py cor vinner by its in<br>chil-rick layers<br>13.1-13.3: broken cor                                                                                                                   | - Kn/             | rctz  | (no)      | éce.          |              |
| - 15              |            | · ·       | 18.1        | h<br>Marina         |                                                                                                                                                                                                                         |                   |       |           |               |              |
| - 12              |            |           |             |                     |                                                                                                                                                                                                                         |                   |       |           |               |              |
|                   | <b> </b>   |           |             |                     | 177-179: CR - 45- 17 vein?                                                                                                                                                                                              |                   | +     |           |               |              |
|                   |            |           |             |                     | 18-25 (approx) : very teur gt veinerts                                                                                                                                                                                  |                   |       |           |               |              |
| 20                |            |           | N.C.        |                     |                                                                                                                                                                                                                         |                   |       |           | <u> </u>      |              |
|                   |            |           | wig         | Ti<br>1 pylemino    | 21.6-21.7. bocken oxidizet core; day ait n<br>polally fault younge.                                                                                                                                                     |                   |       |           | $\frac{1}{1}$ |              |
|                   |            |           |             |                     |                                                                                                                                                                                                                         |                   |       |           | <u> </u>      |              |
|                   |            |           |             |                     | 8<br>9<br>1<br>1                                                                                                                                                                                                        |                   | +     |           | ╁──           |              |
| .a5               |            |           |             |                     |                                                                                                                                                                                                                         |                   |       |           |               |              |
|                   |            |           |             | conglowanat         | 26.6-29.15: correr-grained silicited 2005; alters<br>clasts upparent - 1020 Then 10 m (Some of - rich<br>some schicite-rich some telebons porthyny chats<br>toull, gepurent); ater clasts. 3 to 4000                    |                   |       |           |               |              |
|                   |            |           |             |                     | toully apparent); tew clasts? 3 to 46 ml                                                                                                                                                                                |                   | +     | <b> </b>  |               |              |
|                   | -          | ┟┈┾       |             |                     |                                                                                                                                                                                                                         |                   | ł     |           |               |              |

| WP-6275C                                                                                                                                                                                                                                           |              |                          |                 |                  | <u></u> |   | Ą | 17         |              |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|-----------------|------------------|---------|---|---|------------|--------------|---------------------|
| PAGE 2 OF 18 PROJECT:                                                                                                                                                                                                                              | i            |                          |                 |                  |         |   |   | 1 /        |              | LE NO. //           |
| MINERALIZATION<br>DESCRIPTION                                                                                                                                                                                                                      | TOTAL        | SAMPLE<br>INTERVAL       | SAMPLE<br>WIDTH | ASSAY<br>NUMBER  | %       | % | % | 9/Ta<br>Ag | 7 fron<br>Hu | COMPOSITI<br>ASSAYS |
| Typite virtually prevent throughout intog<br>submidicare of where is to be typically<br>12'ss them 5 72 in time youngeldiasons<br>them, small granulas clots, vente to and<br>true ture to theory; fogs trong by childred<br>(4 pointe) trequestly | 122          | -3.60                    | 2.4             | 1342             |         |   |   | .18        | .007         |                     |
| 6:55-5 mili patekend opyakisan<br>Py in gt2 men<br>2.3-7.45: two land patekend py-gt2<br>surrounded by pt in turn semmed by<br>service is prototy part of the vern                                                                                 | 1-27         | - 6<br>-<br>-            | 40 J            | 7 37 3           |         |   |   | .13        | +007         |                     |
|                                                                                                                                                                                                                                                    | 3%           | -/2                      | [ [ [ ]         | 131 <del>7</del> |         |   |   | .09        | •003         |                     |
| Tocully 5 malt areas of up to 10%                                                                                                                                                                                                                  | 16 2<br>16 2 | -<br>                    | 3               | 1345<br>1396     |         |   |   | .03        | .003         |                     |
|                                                                                                                                                                                                                                                    |              | - 13                     | 3               | 1397             |         |   |   | .09        | - pol        |                     |
|                                                                                                                                                                                                                                                    |              | -21<br>-<br>-<br>-<br>24 | 3               | 1395             |         |   |   | • 04       | . CC Z       |                     |
| 16-6-29 15; py concentrated in<br>simili clots and patites scittened<br>throughout; pyconcentrated in met                                                                                                                                          | 3-5%         |                          | 3               | 1399             |         |   |   | .10        | .008         |                     |
|                                                                                                                                                                                                                                                    |              | ┿<br>┿                   | 3               | 1400             |         |   |   | .08        | . 011        | –                   |

| P-6275            | _                |           |                      | 77                                           |          |                                                                                                                                                                                                                                              |          |          |            | 11               |                       |
|-------------------|------------------|-----------|----------------------|----------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------|------------------|-----------------------|
| PAGE              | 3                | 0         | · · · ·              | 8                                            | PROJE    |                                                                                                                                                                                                                                              | Н        |          | NO.<br>    | <u> </u>         |                       |
| DEPTH<br>(METRES) | %Core Recy       | гітногосу | STRUCTURE            |                                              |          | GEOLOGICAL DESCRIPTION                                                                                                                                                                                                                       |          | ALT      | ERAT       |                  |                       |
|                   |                  | :         | 45.                  | ih 2nd                                       | r.t      |                                                                                                                                                                                                                                              |          |          |            |                  |                       |
|                   |                  |           | Í.                   |                                              |          |                                                                                                                                                                                                                                              |          |          |            |                  |                       |
|                   |                  |           |                      |                                              |          |                                                                                                                                                                                                                                              |          |          |            |                  |                       |
|                   |                  | ~ .       |                      |                                              |          |                                                                                                                                                                                                                                              |          |          |            |                  |                       |
|                   |                  |           |                      |                                              |          | 35-12 approx) - interes silication                                                                                                                                                                                                           |          |          | مد.<br>کرک | -1/2             | ्र <b>न</b><br>२. ज्ञ |
| -35               | ┝──              | <b> </b>  | <u> </u>             |                                              |          | 35.14-35.28: Grey 9/3" rich 2013; interes shitted                                                                                                                                                                                            | (j.)     | ał       | 210        | ein              | <u>~</u> 4            |
|                   |                  |           |                      |                                              | <u> </u> | 35.14-35.28: Grey 93 - nich 2013 interes et ihret<br>witz small times sats probably alt fectione) (sec)<br>35.2-37.3. scallined 94 - 13 verys; contract, it<br>klined because of interest silicification of host                             |          | 35.      |            | 37.              | 3                     |
|                   | $\left  \right $ |           |                      | <b> </b>                                     |          | l l                                                                                                                                                                                                                                          |          |          |            |                  |                       |
|                   | <b> </b>         |           |                      | <u> </u>                                     | <u></u>  |                                                                                                                                                                                                                                              |          |          |            |                  |                       |
|                   | $\vdash$         |           | ┨──                  |                                              |          |                                                                                                                                                                                                                                              |          |          |            |                  |                       |
| -40               |                  |           | $\left  \right $     |                                              |          |                                                                                                                                                                                                                                              |          |          |            |                  |                       |
|                   |                  | ļ         | e 2x                 | hic .                                        |          | 41.7-51.5 : protencing; zonen of mite mas fraction                                                                                                                                                                                           | ~        | rebi     | 17         |                  |                       |
|                   |                  | <u> </u>  | Frz (<br>07)         | hic<br>Livé<br>Entet                         | ·        | 41.7-51.5 : broken enzy; zonen fratemestructur<br>Slight so rateza variated with tracture<br>42.7-43.4 Pale gray to white; very fine prin                                                                                                    | Ĵ,       |          |            |                  |                       |
|                   | -                | ┟╌╌       | ╉──                  | <u>                                     </u> |          | Rry Sticeons                                                                                                                                                                                                                                 |          | 1        |            |                  |                       |
|                   | $\vdash$         |           | $\left\{ - \right\}$ |                                              |          | ·                                                                                                                                                                                                                                            |          |          | +          |                  |                       |
| -45               | ·                |           | ┨                    | ┨                                            |          |                                                                                                                                                                                                                                              |          |          | +          |                  |                       |
|                   |                  | -         |                      | <u> </u>                                     |          | 46 5-47.7. nal men servite developed mergine                                                                                                                                                                                                 | 7        | +        | ┼╌╴        | ╂──              |                       |
|                   |                  |           |                      | <u> </u>                                     | <u> </u> | 46.5-47.2: pal que servite developulmentine<br>to fractures; los present to leaceneres;<br>throughout zone of tracturing                                                                                                                     | 1—       | ┣        | ┨          |                  |                       |
|                   |                  |           | <u> </u>             | L                                            |          | Throughout 2000 of 11 at - au-sealer chi                                                                                                                                                                                                     | 0-       |          | <b> </b>   | ┣                |                       |
|                   |                  |           |                      |                                              |          | 48.45-48.55- heterogeneous gt-py-serlete chi<br>Zone: pickolynin) 27-ser in granuka: interne<br>149.2-49 6: 200 nich : small (cirmy) sericitie<br>redgens?-server Dec contence texter poor<br>och feuture; provide 2001 fe rather than feldy | 1.       | ·{<br>   | <u> </u>   |                  | ┝                     |
| - 52              |                  |           |                      |                                              |          | 149.2-496: 20m nich in small (Ermy) Scricitic<br>terding - server Der conten contenter                                                                                                                                                       | 1.4      | <b>į</b> | ∔          | <b> </b>         | <u> </u>              |
| - 9               |                  |           |                      |                                              |          | olt foutur; possible 2001; fe rather than teldy                                                                                                                                                                                              | 2.7      | <br>     |            | ļ                |                       |
|                   |                  |           |                      |                                              |          | 6<br>6                                                                                                                                                                                                                                       |          | 1        | 1          | Ì                | -                     |
|                   |                  |           | 26-                  | e/A                                          |          |                                                                                                                                                                                                                                              |          |          |            | <b>_</b>         |                       |
| •                 |                  |           | 12                   | 1                                            |          |                                                                                                                                                                                                                                              |          |          |            | 1                |                       |
|                   | 厂                |           | +                    |                                              |          | 54. 5-54. 7: clay-service fault gonge; middy                                                                                                                                                                                                 | /        |          |            |                  |                       |
| -55               | ѷ┝╴              | +         |                      |                                              |          | 55. 2-55. 9: scattered vugges of veins                                                                                                                                                                                                       |          |          |            |                  |                       |
| -                 | -                | -         |                      | +                                            |          |                                                                                                                                                                                                                                              | l.       | 1        | ,          |                  | -                     |
| -                 | -                |           | ╈                    |                                              |          | 57.1-61.65: Quartz very ; supercontect in                                                                                                                                                                                                    | <b>-</b> | Qu       | upst.      | Ver<br>1.6       | 1                     |
| -                 | -                |           | +                    |                                              |          | 57.1-61.65: Quartz very ; upper contect in<br>65 oken core ; milky white ghuilk my, pale<br>green servicite locally white pry                                                                                                                |          | p/       | <u></u>    | <u>а;:</u> ь<br> |                       |
| -                 | -                |           |                      | <u> </u>                                     | ···      |                                                                                                                                                                                                                                              | <b> </b> |          |            |                  | 1_                    |
|                   |                  |           | 1                    |                                              |          |                                                                                                                                                                                                                                              |          | <u> </u> | <u> </u>   | 1                |                       |

WP-6275C 18 HOLE NO. // 4 of **PROJECT**: PAGE COMPOSITE % % % SULPHIDE SAMPLE SAMPLE WIDTH 3Hex TOTAL ASSAY **MINERALIZATION** 3/ic ASSAYS NUMBER DESCRIPTION 9 Ĺ Mo 30 30-35: scuttered py-cht-service-red **\*** 702 3/55: 2-3 cm Veind py-Lt+ tesoengt; 60-70% py 3 1401 10% .08 -002 - 33 3 1402 11 .005 ,007 35 35.2-31 3: numinous yt-pyreis most less than 2-36 minde 36,25-36,55: mostly gt znim bit may include host .36 5% .18 1019 .007 1403 3 .39 1404 41-515= pginhactures common 3 · 147 .17 .003 41.1: fine grained Maly in tructures 5% 42 í 1905 5 .12 · 001 .003 45 5% 1406 .005 3 .10 .003 2-5% -48 1407 3 ·001 -20 .003 51 1408 52.5-52.6: py veining; about 25% py 3 .13 .0**0**] -54 55.5-55.6:15-207.py 3 .211.019 1409 ţ -57 n 57.1-61.65Crtz veir with py; generally in inequily stringers 5-10 ate .18 59.44-60 : 10-15 2 m 244 1410 .038 dots. a 5915-59.8: py strongly oxid 59.44 0.56 .078 1411 .12

| AGE                 | ير                                                                                                              |          | _ /       |              | ст:                                                                                                                                                                                                                    | н          | OLE        | NO.            | 11         |                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------|----------|-----------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------|------------|---------------------|
| AGE                 | 4 4                                                                                                             |          | <u></u>   | 8 PROJE      |                                                                                                                                                                                                                        | <u> </u>   |            |                |            | <u> </u>            |
| , DEPTH<br>(METRES) | %Core Recy                                                                                                      | ітногосу | STRUCTURE |              | GEOLOGICAL DESCRIPTION                                                                                                                                                                                                 |            | ALT        | ERAT           |            |                     |
|                     | %0°                                                                                                             | Ē        | STR       |              |                                                                                                                                                                                                                        |            |            |                |            |                     |
|                     |                                                                                                                 |          |           |              |                                                                                                                                                                                                                        |            |            |                |            |                     |
|                     | $\vdash$                                                                                                        |          |           | Dc/A         | 61.65-65.4 polarly includes selectied host                                                                                                                                                                             | <b>.</b>   |            |                |            |                     |
|                     |                                                                                                                 | <u> </u> | pyi       | ingenti      | 67.65-65.4 : probably includes silicitied host<br>and interne gt vering<br>6.2.K-65.4 : claster include sericitic to gthere<br>reastrand com ; subounded ; dorker groy that<br>light grey matrix;                      | $Z_{2}$    |            |                |            |                     |
|                     |                                                                                                                 |          |           |              | reasthand com; subsounded; darkes groby than                                                                                                                                                                           | <u> </u>   |            | _              |            |                     |
|                     |                                                                                                                 |          |           |              | light grey may rix;                                                                                                                                                                                                    |            |            |                |            |                     |
|                     |                                                                                                                 |          | ~~        |              |                                                                                                                                                                                                                        |            |            |                | • •        | - ••                |
| -65                 |                                                                                                                 |          |           |              | E5.4 -70.1 : predominantly gt, - py areining                                                                                                                                                                           |            | びち         | معن.<br>م      | ner<br>70, | 9.1                 |
|                     | <u> </u>                                                                                                        |          |           |              | 65.4-70.1: predominantly gtg-payareining<br>with 20% host<br>65.3-65.4: broken; Fault goings                                                                                                                           |            | 65.        | <u>×-</u>      |            | <u>//+</u><br>71. : |
|                     |                                                                                                                 |          |           |              | 69.3-67. F. Bros un, 1                                                                                                                                                                                                 |            |            |                |            |                     |
|                     |                                                                                                                 |          |           |              |                                                                                                                                                                                                                        |            |            |                |            | 1                   |
|                     |                                                                                                                 |          | 1         |              |                                                                                                                                                                                                                        |            |            |                |            |                     |
|                     |                                                                                                                 |          | 100       |              | 69.3: Sea-grain sessite sam                                                                                                                                                                                            |            |            |                |            |                     |
| - 70                |                                                                                                                 |          | 307       | 1 theyong    | 69.3. Sea-yrein service som<br>69.3-70: yrein Servite Common<br>70.1-74.7: Az nein andhest; 22's of Eachard                                                                                                            |            |            |                |            |                     |
| - / 0               |                                                                                                                 |          |           |              | 20.1- 24.7: at nein andhest; 20's of eachasi<br>uncertain : complex 200 sich in pr. 25 know                                                                                                                            | r ·        |            |                |            |                     |
| -                   |                                                                                                                 |          | ┢──       |              | rem Valiato - Mehing basicio testures common                                                                                                                                                                           | 1          |            |                |            |                     |
|                     |                                                                                                                 |          |           |              | dre grent glansy gte dominant; late white unit                                                                                                                                                                         |            |            |                |            |                     |
| •                   |                                                                                                                 |          |           |              | lapsar veined by nevert Ay.                                                                                                                                                                                            | <b> </b>   | <b>_</b>   |                |            |                     |
|                     |                                                                                                                 |          |           |              | When is mostly fighten?                                                                                                                                                                                                |            |            |                |            |                     |
|                     |                                                                                                                 | +        |           |              | 74.7 -19.1: 12te mely silicified hast with 1                                                                                                                                                                           |            |            |                |            |                     |
| -75                 | -                                                                                                               | ╂──      |           |              | Small & catterned pate des of pate yn ogn serk ite                                                                                                                                                                     |            |            |                |            |                     |
|                     |                                                                                                                 | <u> </u> |           |              | 75.6: Conglomesatic: or preceived.                                                                                                                                                                                     |            | <b> </b>   |                | <u> </u>   |                     |
|                     |                                                                                                                 |          | 502       | pywipps      |                                                                                                                                                                                                                        |            |            |                |            | •                   |
|                     |                                                                                                                 | ╀──      |           |              |                                                                                                                                                                                                                        |            |            |                |            |                     |
|                     | -                                                                                                               | -        |           |              |                                                                                                                                                                                                                        |            | <u> </u>   |                | <u> </u>   |                     |
|                     |                                                                                                                 |          | <u> </u>  |              | the second is the start to second                                                                                                                                                                                      |            | 1e.        | .77            | He         | 1                   |
| •                   |                                                                                                                 |          | 45%       | Ina to fille | 79.7-80.0: Conglomical bediclasts up to 3cm                                                                                                                                                                            | in         | 2          | 9.7            | 1 <u> </u> |                     |
| - 80                | <b></b>                                                                                                         | 1        | Ţ         | CONGLOREAL   | mitrix is prestic; clast margin is storp to shightly dispussion<br>clasts subsounded many are clongated; inspessiont                                                                                                   | ΙŤ         |            |                |            |                     |
|                     | <b> </b>                                                                                                        |          | ┽╌┉       | littered     | sho with xon fait & sokin chat elong had to compa<br>por they class also pyritic material above and                                                                                                                    | 1700       | <u>↓</u> ? |                | <u> </u>   |                     |
|                     |                                                                                                                 |          | ┢         | Section 1    | below is finer grained Schinent                                                                                                                                                                                        | <b> </b>   |            |                |            | ┟╼                  |
|                     |                                                                                                                 |          | • • •     |              |                                                                                                                                                                                                                        | <u> </u>   |            |                |            |                     |
|                     |                                                                                                                 |          |           | 1            | 53.6 : conformeratic? very vague claster (51)                                                                                                                                                                          | lih        | ركمية      | {              |            |                     |
|                     | <b> </b>                                                                                                        | +        | ┼╌        | ·            | 53.6 : conformenatic? very vague claste (51)<br>in siliceoustert<br>84.8-85.5 : gtg-caleite rein-tracture subpara                                                                                                      | <i>l</i> c | ¥7         | 1-             | †          |                     |
| -85                 | 1                                                                                                               |          | <b>_</b>  | ļ            |                                                                                                                                                                                                                        |            | <u> </u>   | <del>  _</del> | ╉╌╍        |                     |
| 0 7                 |                                                                                                                 | ł        |           |              |                                                                                                                                                                                                                        |            | 1          |                | <b>_</b>   |                     |
|                     | <b>—</b>                                                                                                        | 1        |           |              | 86.7-87.5: proken core                                                                                                                                                                                                 |            |            | ł              | 1          |                     |
|                     | $\vdash$                                                                                                        |          | +         | <u> </u>     |                                                                                                                                                                                                                        | +          |            |                |            |                     |
|                     |                                                                                                                 |          |           | ļ            | 007 the ball of the attended to a low and                                                                                                                                                                              |            | <i>"</i>   | ╞              | <u> </u>   |                     |
|                     |                                                                                                                 | ·:       | -         |              | 88.2-90.1: locally conglomesatic, Vague<br>feldpoor? porphy of that's apparent typ<br>slightly darker tokan matrix but just un<br>siliceme as there to forger matrix but just un<br>siliceme as there to forger matrix | 4-4        | 4          | ┨              |            |                     |
|                     | - Hanner - H | 1        | 1         | T            | chattle a bad the matrix but just and                                                                                                                                                                                  | 1          |            |                |            | <b>.</b>            |

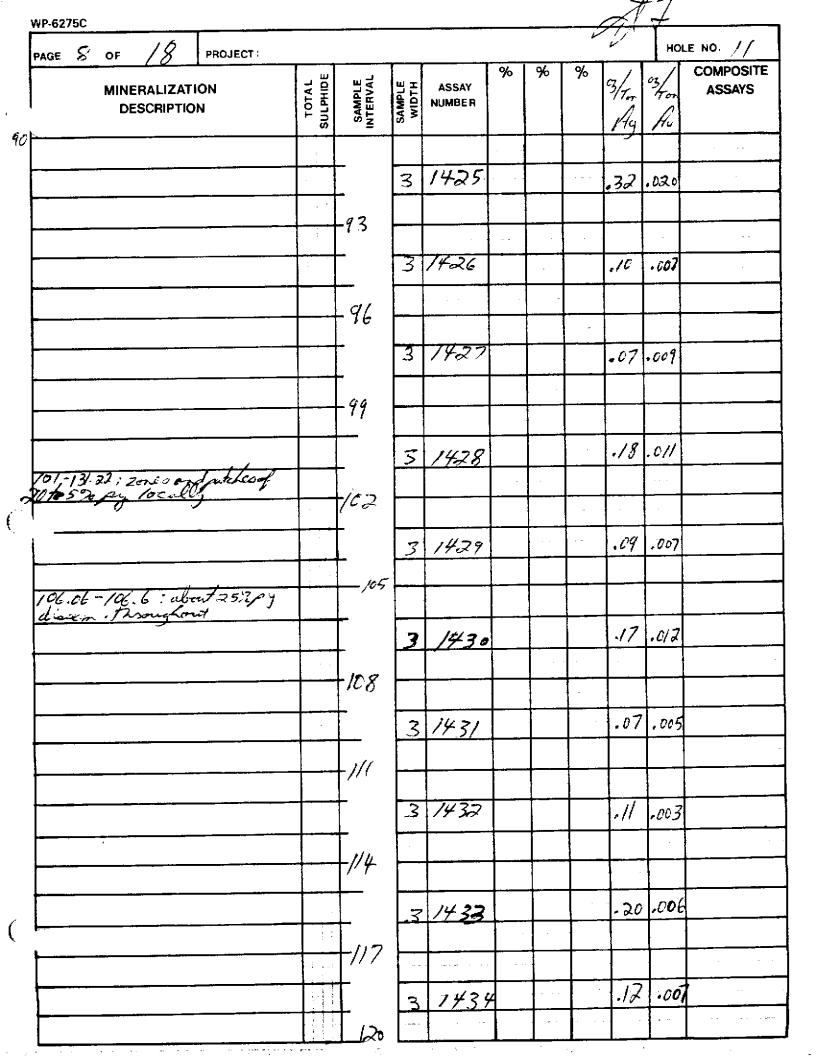
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WP-6275C HOLE NO. // 18 6 PAGE OF **PROJECT:** % % % COMPOSITE TOTAL SAMPLE SAMPLE WIDTH 34. MINERALIZATION ASSAY 3/0 ASSAYS NUMBER DESCRIPTION í *4*9 E H., 60 59.44-60.4: mancop mixed in with pay; tracily 12 14/2 16 040 1/2 answe 07 independent clots; block fine op. typkally ashirst to py blebs F41.26 1413 .4/ 0.46 . 0 70 -61.72 61.72-63:10-152 py with 15 1.28 14-14 .29 .019 63 m of about 30% by .037 1.06 3 1415 ES. 4-66: 25% My in stregular patches and fractures .46 66-67.86: 10-159, my conce in zone of strongpy veining frated 3.29 .159 Æu Az. <u>7.86</u> 14/6 3.50 .136 -67.86 67.86-69-25% in and scattered 7.74 1417 ./43 3.56 6m8.76-68.60 , 60-78×11 67 ( it forgenents how by pupite) Beec) 69-72:15-20% pry. .119 3.61 3 1418 72 72-75: 15-20 20 py includes catchis up to round of 40-5621 Į 1419 1.53,053 3 -75 75.8-289: minor pyorly, finegrained; dissem; 1-29 typical with local patches of < 5 % py. 1420 3 33 .020 73 .008 204 3 1421 81 ,05 .009 1422 3 84 3 1423 .16 .010 ( -87 1424 08 .020 3 . . + 1 τŀ 90 90

| WP-6275           | B          |           |             |             | J.J.                                                                                                                                                                                                                                                                    | /<br>    |          |          |          |          |        |
|-------------------|------------|-----------|-------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|--------|
| PAGE              | 7          | 0         | F /5        | PRO.        | IECT:                                                                                                                                                                                                                                                                   | H        |          | NO.      | 11       |          |        |
| DEPTH<br>(METRES) | %Core Recy | Гітногоду | STRUCTURE   |             | GEOLOGICAL DESCRIPTION                                                                                                                                                                                                                                                  |          | ALT      | ERAT     | ION      |          | ,<br>, |
|                   |            |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
|                   |            |           | 60E)<br>Py  | 1 printers  | \$72.5-96 = Scattered patches dreins with<br>1-30-50-56 (o)th                                                                                                                                                                                                           |          |          |          |          |          |        |
|                   |            |           |             |             | 10                                                                                                                                                                                                                                                                      |          |          |          |          | -        |        |
| -                 |            |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| - 95              |            |           |             | <del></del> | uniform very silix cous material with<br>local patchy development due to slight<br>wasiations in alteration intensity & compraction                                                                                                                                     |          |          |          |          |          |        |
| F                 |            |           |             |             |                                                                                                                                                                                                                                                                         | -        |          |          |          |          |        |
| $\mathbf{F}$      |            |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          | :      |
| -                 |            |           |             |             | 9.3.8-107.3: Scattered as chan zones                                                                                                                                                                                                                                    |          |          |          |          |          |        |
| -                 |            |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| 100               | -          |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| -                 | $\vdash$   | <u> </u>  |             | · · · · ·   |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| ŀ                 |            |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          | 1      |
| ŀ                 | $\vdash$   |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
|                   |            |           |             |             | 104. B: patchy alteration                                                                                                                                                                                                                                               |          |          |          |          |          |        |
| 105               |            | 1         | +           |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| -                 |            | 1         |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| ŀ                 |            |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| -                 |            |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| - 10              |            |           | <b> </b>    |             |                                                                                                                                                                                                                                                                         |          |          |          |          |          |        |
| -//0              |            |           |             |             |                                                                                                                                                                                                                                                                         |          |          |          |          | <br>     |        |
| [                 |            |           |             | Conglomini  | 1112,2-122.2: Coorse conglomenate; Similarto                                                                                                                                                                                                                            |          | <br>     |          |          | · · · ·  |        |
| [                 |            |           | 45C<br>clai | Prents.     | >10 cm probable this zon also mor                                                                                                                                                                                                                                       |          | <u> </u> | <br>     |          |          |        |
| [                 |            |           | 568         | thing?      | 112, 2-1222: Correct Congromester, similaro<br>11 - 79.7-EC.C. except faise some clouto<br>>10 cm perobable: This 3000 algo mori<br>Interactor silicified tramminoranta very<br>weater tocal; clast detoction different on<br>treak surface; tower contact thault icone | +        |          |          |          |          | ļ      |
| -1/5              |            |           |             |             |                                                                                                                                                                                                                                                                         | <b> </b> |          | <b> </b> |          | <b> </b> | ₽      |
|                   |            |           |             |             | i<br>1<br>                                                                                                                                                                                                                                                              |          | <u> </u> |          | <b>↓</b> |          |        |
|                   |            | · · · · · |             |             |                                                                                                                                                                                                                                                                         | <u> </u> | ₋        |          |          |          | 1      |
|                   |            |           | 1           |             | 110 2-110 4 10 0 - 10 10 - 1                                                                                                                                                                                                                                            |          |          | -        | ┨        |          | -      |
| }                 |            |           |             | 3<br>       | 118.2-118.9: Subparallel Shear; some serici<br>developed 118.4 = Leary secondary 95 + py in matrix                                                                                                                                                                      |          | +-       |          |          |          | ]      |
| 120               |            |           | -           |             | 118.4 : Leary secondary gly & py in matrix                                                                                                                                                                                                                              | -        |          | 1        |          |          | J      |

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| WP-6275            | в          |           |             |                                        | A.                                                                                                                                                                                | <u> </u> |           |              |               |            |
|--------------------|------------|-----------|-------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|--------------|---------------|------------|
| PAGE               | 9          | 0         | = /         | g proji                                | ECT:                                                                                                                                                                              | F        | IOLE      | NO.          | 11            |            |
| DEPTH<br>(METRES)  | %Core Recy | ГІТНОГОСУ | STRUCTURE   |                                        | GEOLOGICAL DESCRIPTION                                                                                                                                                            |          | ALT       | ERAI         | NOI           |            |
|                    |            |           |             |                                        | 121.8: secondary of whine crossent clashed                                                                                                                                        |          |           |              |               |            |
| -                  |            | -         |             | Altered<br>seliment                    | 127-123: interne gt vernets; may in parts<br>brecciated<br>123. 1-123. 4: Fault & Sheas 2000; parten<br>with gouge                                                                |          | Nicol     | े दे<br>जुन् | ly te<br>Tici | <u>6e1</u> |
| -125<br>-          |            |           |             |                                        | 123. 1-123. 4: faut & sheas 2003; bost an<br>122.2 - 128.11: vagnily conglomeratic but may<br>be with flature only<br>123-131. BRinel (fractured; brittle; qt, i cunles<br>Common | 4<br>    |           |              |               | ·<br>····· |
| -<br>-             |            |           |             | 1.2                                    | 15811-128.61: 100 kin any si /sitied 2-3                                                                                                                                          |          |           |              |               |            |
| -<br>130           | A          | 12        | Con         |                                        | 128.11-128.61: dan zen grey silicitied zoni,<br>inamenous sericitie flades; my befine<br>grained clastic wacke?).<br>128.61-131.22: small clasts locally processed                |          |           |              |               |            |
| -                  |            |           | 202<br>18:2 | (H)<br>Constact                        | 131.22-132.95: Queste vein; milky white<br>uppercentant is zone of intrucion brecce                                                                                               |          | Q.<br>13/ | a.t.<br>22   | JEL<br>137    | <u></u>    |
| •                  |            |           | Ve-7        | 141<br>                                | 132.95 dbregrey your simple, to 128.11-128.<br>nery fine dieser praliundant may berry for                                                                                         | ent      | i le      | c. (         | Ċŗ            |            |
| - <i>135</i><br>-  |            |           |             |                                        | 134.5-135.5: brokzencore                                                                                                                                                          | <u> </u> | <u> </u>  |              |               |            |
| -                  |            |           |             |                                        | 132.05 - 137.05: ats vein with 35% host;<br>minor py only                                                                                                                         |          |           |              |               |            |
| -<br>_/40          |            |           |             | · · · · · · · · · · · · · · · · · · ·  |                                                                                                                                                                                   |          |           |              |               |            |
| •                  |            |           |             |                                        |                                                                                                                                                                                   |          |           |              |               |            |
| -                  |            | ·         |             | ······································ |                                                                                                                                                                                   |          |           | <br>         | <b>↓</b>      |            |
| - <i>1</i> 45<br>- |            |           |             |                                        |                                                                                                                                                                                   |          |           |              |               |            |
|                    |            |           |             |                                        |                                                                                                                                                                                   |          |           |              |               |            |
| 150                |            |           |             |                                        |                                                                                                                                                                                   |          |           |              |               |            |

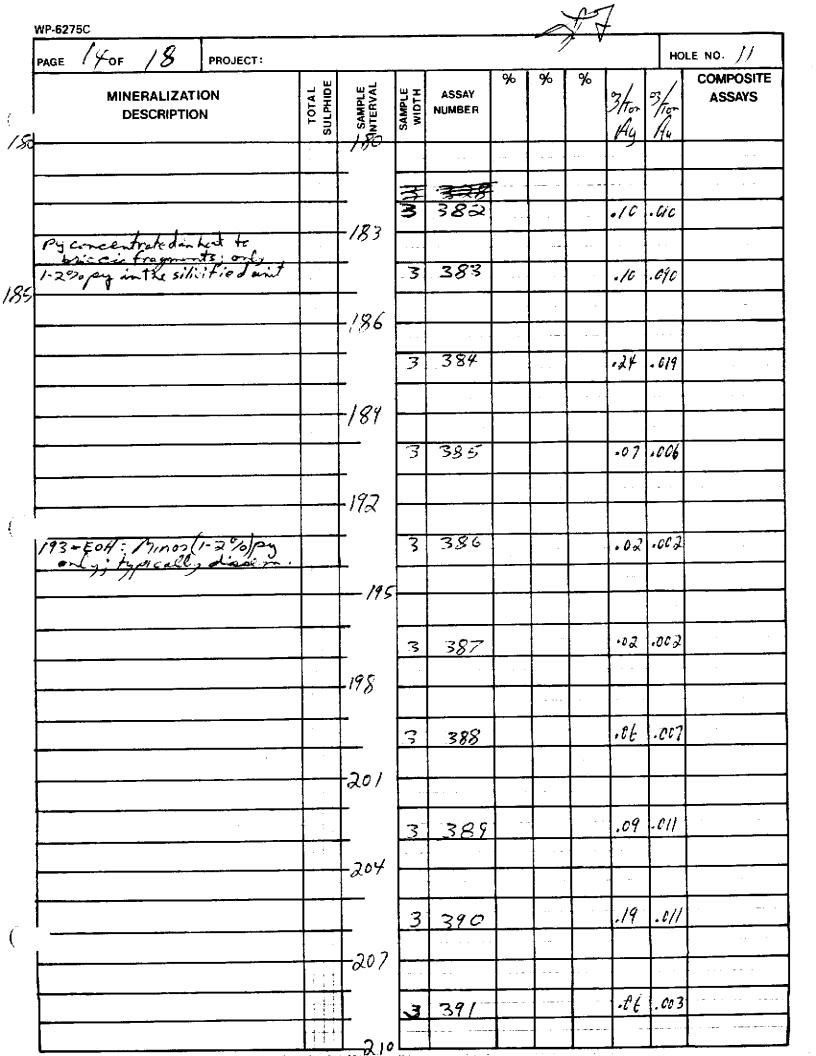
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| page /C of 18                                                                       | PROJECT :                                            |                   |                    |                 |                 |              |         | e e         |             | но           | LE NO. //          |
|-------------------------------------------------------------------------------------|------------------------------------------------------|-------------------|--------------------|-----------------|-----------------|--------------|---------|-------------|-------------|--------------|--------------------|
| MINERALIZATI<br>DESCRIPTIO                                                          | 1                                                    | TOTAL<br>SULPHIDE | Sample<br>Interval | SAMPLE<br>WIDTH | ASSAY<br>NUMBER | %<br>Cu      | %<br>Pb | %<br>Z11    | 3/100<br>Hy | es fra<br>Hu | COMPOSIT<br>ASSAYS |
|                                                                                     |                                                      |                   |                    | 3               | 1435            |              |         |             | .27         | .0/0         | · - · - • •        |
|                                                                                     |                                                      |                   | - <i>1</i> 23      |                 |                 |              |         |             |             |              |                    |
|                                                                                     |                                                      |                   |                    | 3               | 1436            |              |         |             | •13         | .c//         |                    |
|                                                                                     |                                                      | :                 | - <i>1</i> 26<br>- | 3               | 1437            |              | · · · · |             | .06         | . 004        |                    |
|                                                                                     |                                                      |                   | -129               |                 |                 |              |         |             |             | ,            |                    |
| 731, 22-123,95 : (01-20                                                             | in with patched                                      |                   | =<br>131.22        | 2.22            |                 |              |         |             | .07         | .009         |                    |
| 131.22-132.95: 942 ve<br>ofpy, spy;; a<br>in Fractures; traceg<br>132.45-132.65: 2. | menich in                                            |                   | -/32<br>-/32-15    | • 78            | 1439<br>1440    | .056<br>.694 |         | .04<br>2.55 |             | . 01<br>.063 |                    |
| Loney to grey rewnon                                                                | L minorgal +<br>niestrom<br>; 2% gal;<br>; 5-102. py |                   |                    | 2.05            | 1441            | .056         | .0]     | .04         | .12         | . 004        |                    |
| Veinore sall: 15<br>132.95-141 - 3<br>Fine grained pyrit                            | 5-107-ARD                                            |                   |                    | 3               | 1442            |              |         |             | .42         | .023         |                    |
|                                                                                     |                                                      |                   | 138                |                 |                 |              |         |             |             |              | B                  |
|                                                                                     |                                                      |                   |                    | 3               | 1443            |              |         |             | . 14        | .018         |                    |
|                                                                                     | ·····                                                |                   | + <i>1541</i><br>+ |                 |                 |              |         |             | 07          | 018          |                    |
|                                                                                     |                                                      | • .:              | -                  | 3               | 1444            |              |         | <br>        | .07         | .018         |                    |
|                                                                                     | <u></u>                                              |                   | <u> </u>           | 3               | 1445            |              |         |             | .04         | - 003        |                    |
|                                                                                     |                                                      |                   | -147               |                 |                 |              |         |             |             |              |                    |
|                                                                                     |                                                      |                   | T<br>T-            | 3               | 7446            |              |         |             | .02         | .002         |                    |

WP-6275B · • • : <u>// of /8</u> HOLE NO. // PROJECT: PAGE ALTERATION STRUCTURE LITHOLOGY DEPTH (METRES) Recy GEOLOGICAL DESCRIPTION %Core 1 Alteral As low 150.55 al as Congle messt It endschinente and vo last inc 1 claste silicitie da senicitized; matrix more pyritic them clasts; chat size « 10- to 2100 syritic 12 builders probably present larger lasts and less silicities than overlying house due to some clasts & mater in bing less si liceous. 1 your 2 154.2-155: follated; clasts clongated norallel foliation; possille Start zons 30° (A) foliatione chut 155 gring fine to median grained, "grainy pathic -service cinit: not interspe Here's lockyat Altered sili Sechment? Pathy Scrift model Silicified. -/60 163.5-163.9; well foliated; broken; protobly shear foliation 2 A 163.9-165.5: prol. conglongsati alusinclustes almonteles of mil 24 gt. 10 may in pag ber decociated zone congrome str. -/65 propality 169-170.8: 1 lam tolatan ung; sesuch + py 170 69.5-9 502 ; shearing 1 172.8-173.4: brothin core 120.8-179 : Includic cere 20.8-129 : Includic cere a probable precested 20mes several toliated 175 30 40 C/H 175.86-176.46: Shear toliation 5 180

| page 12 of 18 pr                       | ROJECT :     |                    |                 |                                        |          |          | ſ           | / V         | HOL        | .e no. //         |
|----------------------------------------|--------------|--------------------|-----------------|----------------------------------------|----------|----------|-------------|-------------|------------|-------------------|
| MINERALIZATION<br>DESCRIPTION          | ц. щ.        | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER                        | %        | %        | %           | 3/Ton<br>Ag | 3/10<br>Hu | COMPOSI<br>ASSAYS |
|                                        |              | -                  | 3               | 1447                                   |          |          |             | .06         | .004       | <del>.</del> .    |
|                                        |              | -<br>-)53          |                 | ······································ |          |          | · · · · · · |             |            | · -               |
| ······································ |              | -                  | 3               | 14 48                                  |          |          |             | 10          |            | <br>              |
|                                        |              | — <i>t</i> >       |                 | ///0                                   |          |          |             | . /0        | .007       |                   |
|                                        |              | - 156              |                 |                                        |          |          |             |             |            |                   |
|                                        |              | -                  | 3               | 1449                                   |          |          |             | .01         | .003       |                   |
|                                        |              | -159               | <br>            |                                        |          |          |             |             |            |                   |
| <u></u>                                |              |                    | 3               | 1450                                   |          |          |             | .03         | .007       |                   |
|                                        |              | -/62               |                 |                                        |          |          |             |             |            |                   |
|                                        |              | -                  | 3               | 376                                    | <u> </u> |          |             | .12         | .018       |                   |
|                                        |              | -/65               |                 |                                        |          |          |             |             |            |                   |
| <u></u>                                |              | -                  | 13              | 377                                    |          |          |             | .//         | .007       |                   |
|                                        |              | 168                | Ĺ               |                                        |          |          |             |             |            |                   |
|                                        |              |                    |                 | 770                                    |          |          |             | . 10        | .007       |                   |
| Pycommon as breezes                    | jo grow mass |                    | 3               | 378                                    |          |          |             |             |            |                   |
|                                        |              | +/7/<br>+          |                 |                                        |          | <u> </u> |             |             |            |                   |
|                                        |              | +                  | 3               | 379                                    |          |          | ·           | .06         | .007       |                   |
|                                        |              | -174               |                 |                                        |          | <b>-</b> | +           |             |            |                   |
| 175.5: minorcpy.                       | with py.     |                    | 3               | 380                                    |          |          |             | .14         | .008       |                   |
|                                        |              | -177               |                 |                                        | +        |          |             |             | +          |                   |
|                                        |              | +                  | 3               | 381                                    |          |          | -           | .10         | .003       | · ····            |
| ś                                      |              | 1,80               | -               |                                        |          |          |             |             |            |                   |

| AGE                                                          | 1-         | 2 ~       | = / {     | PROJI               | ECT: .   |            |                            |              | r                                          | н              | OLE      | NO.      | 11       |          |                   |
|--------------------------------------------------------------|------------|-----------|-----------|---------------------|----------|------------|----------------------------|--------------|--------------------------------------------|----------------|----------|----------|----------|----------|-------------------|
|                                                              |            | 3 °°      |           | 2                   |          |            | - <u></u>                  | V            |                                            | <b>_</b>       |          | ERAT     | <u></u>  |          |                   |
| S (METRES)                                                   | %Core Recy | ГІТНОГОСУ | STRUCTURE |                     |          | GEOLOGIC   | AL DESCRIPTION             | I            |                                            |                | AL)      |          |          |          | <br>  ~           |
| <del>,</del><br><del>,</del><br><del>,</del><br><del>,</del> | %          | 5         | s<br>I    |                     | 1        | <u> </u>   | <u> </u>                   |              |                                            |                |          |          |          |          | ┢                 |
|                                                              |            |           |           |                     | ļ        |            |                            | <u></u>      |                                            |                |          | }        |          |          |                   |
|                                                              |            |           |           |                     | Take 9   | riggreen   | ghofduga                   | this - serie | itse, gro                                  | in             |          | 4        |          |          |                   |
|                                                              |            |           |           |                     | inter    | rely silie | hed; gately                | altopa       | tern loc                                   | er's           | der      | el gr    | 12       |          |                   |
| 18:                                                          | ╞╼╼┥       |           |           |                     | tion     | them .3 m  | unde ; py-                 | sen-at al    | ins spate                                  | ea.            |          |          |          |          |                   |
| 185                                                          |            |           |           |                     | 1        |            |                            |              |                                            |                |          |          |          |          |                   |
|                                                              |            |           |           |                     |          |            |                            |              |                                            |                |          |          |          |          |                   |
|                                                              |            |           |           |                     | <u> </u> |            |                            |              |                                            |                |          |          |          |          |                   |
|                                                              | F          |           |           | <u> </u>            | Ì        |            |                            |              |                                            |                |          |          |          |          |                   |
|                                                              | <u> </u>   |           | ┠╌╌┥      |                     | 1        |            |                            | <u> </u>     |                                            |                |          |          |          |          |                   |
| 90                                                           | ┢──        |           |           |                     | 1        |            |                            | - <u></u>    |                                            |                |          |          |          |          | Γ                 |
|                                                              |            |           |           |                     | <u> </u> | ····       |                            |              |                                            |                |          |          |          |          | 1                 |
|                                                              | ┣          |           |           |                     | <u> </u> |            |                            |              |                                            |                |          |          |          |          | ł                 |
|                                                              | ┣          |           |           |                     |          | <b></b>    |                            | <u> </u>     | <u></u>                                    |                |          |          |          |          | ſ                 |
|                                                              |            |           |           | <u>-</u>            | +        |            |                            |              |                                            |                |          |          |          |          |                   |
| 145                                                          | <b> </b>   | <u> </u>  |           |                     |          |            |                            |              |                                            |                |          |          |          |          | ┢                 |
|                                                              |            |           |           |                     | 1797 2   | - 196 3    | white gt                   | - Per Un     | newnie                                     |                | /        |          |          |          |                   |
|                                                              |            | <u> </u>  | <b></b>   |                     | - 10. 00 |            | and ps                     |              |                                            |                |          |          |          |          | $\left\{ \right.$ |
|                                                              |            |           |           |                     | +        |            |                            |              | <u> — —                               </u> |                |          |          |          |          | $\frac{1}{2}$     |
|                                                              |            |           |           |                     |          |            |                            |              |                                            |                |          | <b>!</b> |          |          | 1                 |
| 200                                                          |            |           | all       | - Je mirra          |          | <u> </u>   |                            |              |                                            |                |          | <b> </b> | 1        |          | ╞                 |
|                                                              |            |           |           |                     |          |            |                            |              |                                            |                | <b> </b> |          |          |          |                   |
|                                                              |            |           |           |                     | 1        |            |                            |              |                                            |                |          | <u> </u> | Ľ.       |          |                   |
|                                                              |            |           |           |                     |          |            |                            |              |                                            |                |          |          |          |          |                   |
|                                                              | $\vdash$   |           |           |                     | 203.8    | - 204 :    | broken                     |              |                                            | -              |          |          |          |          |                   |
|                                                              |            |           | 59        | 60° g/A<br>n lamira | <b>_</b> |            |                            |              |                                            |                |          |          |          |          |                   |
| 205                                                          |            |           | <u>ai</u> | n dimon             |          |            |                            | <u>, ''</u>  |                                            |                |          |          | <u> </u> |          | -                 |
|                                                              | -          |           |           |                     | 206.9    | 55-210.4   | 0: Pale gree<br>Silicified | to whit      | ;<br>;                                     |                | H.a.     | en<br>Ge | Н.       |          | ł                 |
|                                                              |            |           |           |                     | 102      | Enely -    | S///C/#7 80                |              |                                            | <u> ×/</u><br> |          | .55      |          | 1.       | 1                 |
|                                                              | $\vdash$   |           |           |                     | <u> </u> |            |                            |              | <u> </u>                                   | <b> </b>       |          |          |          |          | 1                 |
|                                                              | 1          |           |           |                     |          |            |                            |              |                                            | <b>↓</b> →     | +        | ╉┿       |          | <b>I</b> | 4                 |



| P-6275      |            |          |           | 0            |                                                                                                                                             | tr       |              | _            |              |                 |
|-------------|------------|----------|-----------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|--------------|--------------|-----------------|
| AGE         |            |          |           | 8 proje      | ст:                                                                                                                                         | H        | IOLE         | NO.          | //           |                 |
| METRES)     | %Core Recy | ITHOLOGY | STRUCTURE |              | GEOLOGICAL DESCRIPTION                                                                                                                      |          |              | ERAT         | TION         |                 |
| 10          |            |          |           |              | 210.1-230.2 : 1000 salippied; includes seven<br>shanzones (serie: iff se hist) + bruccia<br>210.3-211.1 : sericita shan zone                | , P      |              | 1/15         | lard<br>1. F | tė,             |
|             | -          |          |           |              | 2/0.3-211.1: sericita stean 2000                                                                                                            | <u> </u> | ະສ.<br>ກ//   | - 44         | 230<br>230   | <u>نان</u><br>د |
|             | <u> </u>   | · · · ·  |           |              |                                                                                                                                             |          | $\alpha \mu$ | <u></u>      | <u>× ×</u>   | <u>. 4</u>      |
|             |            |          |           |              |                                                                                                                                             |          |              |              | <u>-</u>     |                 |
|             |            |          |           |              |                                                                                                                                             |          |              |              |              |                 |
| 215         | <b></b>    |          |           |              |                                                                                                                                             |          |              |              |              |                 |
| ,           |            |          | <b> </b>  |              |                                                                                                                                             |          |              |              |              |                 |
|             |            |          |           |              |                                                                                                                                             |          |              |              |              |                 |
|             |            |          |           |              | · · · · · · · · · · · · · · · · · · ·                                                                                                       |          |              |              |              |                 |
|             |            |          |           |              |                                                                                                                                             |          |              |              |              |                 |
| ••          |            |          |           |              |                                                                                                                                             |          |              |              |              | -               |
| 220         | <b> </b>   |          |           |              |                                                                                                                                             |          |              |              |              |                 |
|             | -          |          |           |              |                                                                                                                                             |          |              |              |              |                 |
|             |            |          |           |              |                                                                                                                                             |          |              |              |              | -               |
|             |            |          |           |              | 223, 2-230.2: mojor speci zone; well<br>developed shear fatiation; c/a-sericite<br>zichi superimposed on silicitication<br>much fault youge |          | SL           | ion          | 202          |                 |
|             |            |          | ļ         | · · -        | developed shear for atron; clajserinite                                                                                                     | 2        | 23.          | 2-<br>150    | 230          | R               |
| 225         |            |          |           |              | much fault goings                                                                                                                           | ŝ        | õ.c          | Ъž           | -5           | 2~              |
| <b>X</b> -1 |            |          |           |              |                                                                                                                                             |          |              |              |              |                 |
|             |            |          |           |              |                                                                                                                                             |          |              |              |              |                 |
|             |            |          |           |              |                                                                                                                                             |          |              |              |              |                 |
|             |            |          |           |              |                                                                                                                                             |          |              |              |              |                 |
|             |            |          | +         | · · ·        | - <i>A a</i>                                                                                                                                | 1        | <u> </u>     |              | 1            |                 |
| 230         | •          | <u> </u> |           | Altert       | 230.7-252 si silicitied, probably                                                                                                           | 1        | M            | رقيه         | ty           |                 |
|             | ┣          |          |           | per starting | altered intrus me : charanterined by<br>alnd 1-3mm tabular servicitized anyhilder:                                                          | <u> </u> | 23           | 1.17<br>p.2. | EC           | Ĥ               |
|             | ┣          | <u> </u> | _         | <br>         | in a gray, gtz-the pas-sericiting groundman                                                                                                 | 5        |              |              |              | -               |
|             | L          |          | 1         |              | follation locally for all's crystal ar                                                                                                      |          |              |              | ┨──          | ┞               |
|             |            |          |           |              | detect or broken kurface                                                                                                                    |          |              |              |              | <b> </b>        |
| 235         |            |          | 40-       | south the    | <u>۷</u>                                                                                                                                    |          | L            |              | <u> </u>     | <b> </b>        |
| مرض ب       |            |          | T         |              |                                                                                                                                             |          |              |              |              | 1_              |
|             |            |          | 1         |              |                                                                                                                                             |          |              |              | <u> </u> .   |                 |
|             |            |          | ╏         |              |                                                                                                                                             | 1        |              |              |              |                 |
|             | <b> </b>   | <u> </u> | <u> </u>  |              |                                                                                                                                             |          | <u> </u>     |              | †            |                 |
|             | -          |          |           | <u> </u>     | l                                                                                                                                           |          | <b> </b>     |              | 1            | T               |
|             |            |          | Ī         | ]            |                                                                                                                                             |          | <u> </u>     |              |              |                 |

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R.

| WP-6275C                                      | ·····     |                   | <u></u>            |                 |                 |   |          | $ \sim $ | [ 4          | -                                       |                    |
|-----------------------------------------------|-----------|-------------------|--------------------|-----------------|-----------------|---|----------|----------|--------------|-----------------------------------------|--------------------|
| PAGE 16 OF 18                                 | PROJECT : |                   |                    |                 |                 |   |          |          | •            | но                                      | LE NO. //          |
| MINERALIZ<br>DESCRIPT                         |           | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER | % | %        | %        | 3/100<br>149 | 3/10-<br>16                             | COMPOSIT<br>ASSAYS |
|                                               |           |                   | -                  |                 |                 |   |          |          |              |                                         |                    |
|                                               |           |                   | -                  | 3.0             | 392             |   |          |          | .08          | .004                                    |                    |
|                                               |           |                   | -213               |                 |                 |   |          |          |              |                                         |                    |
|                                               |           |                   | -                  |                 |                 |   |          |          |              |                                         |                    |
| <u>, , , , , , , , , , , , , , , , , , , </u> |           |                   |                    | 3               | 393             |   |          |          | .02          | •00,2                                   | -                  |
|                                               |           |                   | -216               | <u> </u>        |                 |   |          | <u> </u> |              |                                         |                    |
|                                               |           |                   | -                  | 3               | 204             |   |          |          |              |                                         |                    |
|                                               |           | -                 | -                  | · · · ·         | 394             |   |          |          | .03          | .003                                    |                    |
|                                               |           |                   | -219               | -               |                 |   |          | -        |              |                                         |                    |
|                                               |           |                   |                    |                 | 395             |   |          |          | .05          | ,002                                    |                    |
|                                               | <u></u>   |                   | -                  |                 |                 |   |          |          |              | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                    |
|                                               |           |                   | -222               |                 |                 |   |          |          |              |                                         |                    |
|                                               |           |                   | -                  | 3               | 396             |   |          |          | .08          | -004                                    |                    |
| <u> </u>                                      |           |                   | <u> </u>           |                 |                 | + |          |          |              |                                         |                    |
|                                               |           |                   |                    | -               |                 |   |          |          |              |                                         |                    |
|                                               | <u> </u>  |                   | -                  | 3               | 397             |   |          |          | .02          | .002                                    |                    |
| <u></u>                                       | <u> </u>  |                   | - `                |                 |                 |   |          |          |              | <u> </u>                                |                    |
| <u> </u>                                      |           | _                 | 228                |                 |                 |   |          |          |              | +                                       |                    |
| · · · · · · · · · · · · · · · · · · ·         |           |                   | <b>∔</b>           | 3               | 398             |   | <b> </b> |          | .07          | .002                                    |                    |
|                                               | <u></u>   | _                 |                    |                 |                 |   |          |          | 1            |                                         |                    |
| · · · · · · · · · · · · · · · · · · ·         |           |                   | +231               | <br>            |                 | - |          |          | -            |                                         |                    |
|                                               |           |                   | Ť                  | 3               | 399             |   | 1        |          | .04          | .003                                    |                    |
| <u> </u>                                      |           |                   |                    |                 |                 |   |          |          |              |                                         |                    |
|                                               |           |                   | +234               |                 |                 |   |          |          |              |                                         |                    |
|                                               |           |                   |                    | 3               | 401             |   |          |          | .06          | .009                                    |                    |
| · · · · · · · · · · · · · · · · · · ·         |           |                   | -237               |                 |                 |   |          |          |              |                                         | -                  |
|                                               |           |                   | ×1/                | 3               | 1301            |   |          |          | .06          | .00                                     |                    |
|                                               |           |                   |                    |                 |                 |   |          | <u> </u> | <u> </u>     |                                         |                    |
|                                               |           |                   | 240                |                 |                 |   |          | † · -    |              |                                         |                    |

| /P-6275   | B         |           |           |                                        |                                                                                                                                  | $\rightarrow$ | 1- | 4   |      |     |   |   |
|-----------|-----------|-----------|-----------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------|----|-----|------|-----|---|---|
| PAGE      | 17        | ' o       | F /       | PRO.                                   | JEÇT:                                                                                                                            | Ø             | нс | DLE | NO.  | 11  |   |   |
| (METRES)  | Core Recy | LITHOLOGY | STRUCTURE |                                        | GEOLOGICAL DESCRIPTION                                                                                                           |               |    | ALT | ERAT |     | ] |   |
| <i>₹%</i> | ~         | <u> </u>  | S         |                                        |                                                                                                                                  |               |    |     |      |     |   |   |
| 1         |           | -         |           |                                        | 241.3-242.2 fractured, brokencore                                                                                                |               |    |     |      |     |   |   |
|           |           |           |           | <u></u>                                | 2444-246: box Kencore with Scatters                                                                                              | 1             |    |     |      |     |   |   |
|           |           |           | 35č       | Fi<br>contact                          | 244.4-246: brokencore with scatter<br>services: Stears<br>244.9-245.55: mil he, while als vers<br>with py vernlets and tractures |               | -  |     |      |     |   |   |
| 245       |           |           | ve-       | Centrol                                | hur py venters and tractures                                                                                                     |               |    |     |      |     |   |   |
|           |           |           |           |                                        |                                                                                                                                  |               |    |     |      |     |   |   |
|           |           |           |           |                                        |                                                                                                                                  |               | +  |     |      |     |   |   |
|           |           |           |           |                                        | +                                                                                                                                |               |    |     |      |     |   | - |
| J50       |           |           |           |                                        | <u> </u>                                                                                                                         |               |    |     |      |     |   |   |
|           |           |           |           |                                        |                                                                                                                                  |               |    |     |      |     |   |   |
| 152.6     | 8         | E         | 0         | 4                                      |                                                                                                                                  |               |    |     |      |     | I |   |
|           |           |           |           | <del>.</del>                           |                                                                                                                                  |               | _  |     |      |     |   |   |
|           |           |           |           |                                        |                                                                                                                                  |               | +  |     |      |     |   | - |
|           |           |           |           |                                        |                                                                                                                                  |               |    |     |      |     |   |   |
|           |           |           |           |                                        |                                                                                                                                  |               |    |     |      |     |   |   |
|           |           |           |           | ·                                      | -                                                                                                                                |               |    |     |      |     |   |   |
|           | -         |           |           |                                        |                                                                                                                                  |               | -+ |     |      |     |   |   |
|           |           |           |           |                                        |                                                                                                                                  |               | +  |     |      |     |   |   |
|           | ┝──       |           |           |                                        |                                                                                                                                  |               |    |     |      |     |   |   |
|           |           |           |           | ······································ |                                                                                                                                  |               |    |     |      |     |   |   |
|           |           |           |           |                                        |                                                                                                                                  | -+            |    |     |      |     |   |   |
|           |           | [         | · ·       |                                        |                                                                                                                                  |               |    |     |      |     |   | • |
|           | $\vdash$  | <br>      |           |                                        |                                                                                                                                  |               |    |     |      |     |   |   |
|           | -         |           |           |                                        |                                                                                                                                  |               |    |     |      |     |   |   |
|           |           |           |           |                                        |                                                                                                                                  |               |    |     |      | - 1 |   |   |

| 18 of 18 project:                      |                   |                     | . <u> </u>      |                 |            |     |          |            | но         | LE NO. //         |
|----------------------------------------|-------------------|---------------------|-----------------|-----------------|------------|-----|----------|------------|------------|-------------------|
| MINERALIZATION<br>DESCRIPTION          | TOTAL<br>SULPHIDE | USAMPLE<br>SNTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER | %          | %   | %        | 3/10 Ag    | 3 To Au    | COMPOSI<br>ASSAYS |
|                                        |                   | ~/0                 |                 |                 |            |     |          |            |            |                   |
|                                        | 1                 | -                   | 3               | 1302            |            |     | - ·      | .08        | .001       |                   |
|                                        |                   | -243                |                 |                 |            |     |          |            |            |                   |
|                                        |                   |                     |                 |                 | <u> </u>   |     |          | 10         | 47.        | <br>              |
| <u></u>                                |                   |                     | 3               | /303            |            |     |          | .18        | -CZC       |                   |
|                                        |                   | -246                | <u> </u>        | <br>            | ļ          |     |          |            |            |                   |
|                                        | .<br>             | -                   | 3               | 1304            |            |     |          | .04        | .012       |                   |
|                                        |                   | ┢                   | ļ.,             | 1.307           |            |     |          | -07        |            |                   |
| 20 7 Hoas av and wat                   |                   | 249                 | <b> </b>        |                 | <b> </b>   |     |          |            |            |                   |
| 8.8-299.0: py veinsup to<br>2cm will   |                   | ╂━-                 | 7.68            | 1305            |            |     |          | .02        | ·C/C       | <u>.</u> <u>-</u> |
|                                        |                   | <u>↓</u>            | <b> </b>        |                 |            |     |          | ļ          |            |                   |
|                                        |                   | +                   |                 |                 |            |     | <b> </b> |            |            |                   |
|                                        |                   | -252.6              | "               |                 |            |     |          | <u> </u>   |            |                   |
| ······································ |                   | ┢                   |                 |                 |            |     |          |            |            |                   |
| ·····                                  |                   | EOH                 | 17              | 52.6            | 8          |     |          |            |            |                   |
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|                                        |                   | +                   |                 |                 |            |     | 7.       | Les        | ri .       |                   |
|                                        | +                 | ╇                   |                 |                 |            | 7   |          | T<br>T     | Her.       | oc Mine           |
|                                        |                   | +                   |                 |                 | <u>  (</u> | 100 | 1091º    | ¶/         | <u>F-S</u> |                   |
| ······································ | +                 | +-                  |                 | +               | +          |     |          |            | +          |                   |
|                                        |                   | Ŧ                   |                 |                 | +          |     |          |            | +          |                   |
|                                        |                   | +                   | <u> </u>        |                 |            |     | 1        | -          | +          | · ·               |
|                                        | +                 | +                   | -               |                 | -          |     | +        | †          | 1          | <u> </u>          |
|                                        |                   | Ŧ                   |                 | -               | +          | 1   | +        | +          | 1          |                   |
|                                        | +                 | +                   |                 | -               | +          | +   |          |            | 1          |                   |
|                                        |                   | +                   |                 |                 |            | · + |          | 1          | 1          |                   |
| <u></u>                                |                   | - <b>+</b> -        | -               |                 | -          | +   | 1        |            | †-         |                   |
|                                        |                   |                     |                 |                 |            |     | -        | +          |            |                   |
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### IMPERIAL OIL LIMITED

## MINERALS SECTION

DRILL LOG

| PROJECT                                               | GROUND ELEV.                            |
|-------------------------------------------------------|-----------------------------------------|
| Sulphurets                                            | ~ 5360' ~ 1634 m.<br>BEARING 180°       |
| HOLE NO.<br>DDH 12                                    | BEARING ISO"                            |
| LOCATION Main Copper Zone assessment hole             | DIP -75°                                |
|                                                       | TOTAL LENGTH                            |
| LOGGED BY                                             | 547 Ft., 166.73 m<br>HORIZONTAL PROJECT |
| Dane Bridge                                           |                                         |
| DATE August 12 - 13, 1980                             | VERTICAL PROJECT                        |
| CONTRACTOR                                            | ALTERATION SCALE                        |
| Arctic Diamond Drilling                               | absent<br>slight                        |
| CORE SIZE BY                                          | moderate                                |
| DATE STARTED                                          | intense                                 |
| Aug 8,1980                                            | TOTAL SULPHIDE SCALE                    |
| DATE COMPLETED<br>Aug 12, 1984                        | traces only                             |
|                                                       |                                         |
| DIP TESTS 89'27.1m 173.0° - 73.5°                     | 1% - 3%                                 |
| 239 72,8m 183.0° - 71.8°<br>389 118.6m 181.0° - 68.7° | 3% - 10%<br>> 10%                       |
| 537 164.3 m 1 80.0° - 69.2                            |                                         |
| COMMENTS                                              | LEGEND                                  |
|                                                       |                                         |
|                                                       |                                         |
|                                                       |                                         |
|                                                       |                                         |
|                                                       |                                         |
|                                                       | · ·                                     |
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|                                                       |                                         |
|                                                       |                                         |
|                                                       |                                         |
| 1                                                     | I                                       |

#### WP-6275B

| WP-6275B          |                    |                             |             |          |    |                                                                                   |         |     |      |             |                  |   |  |  |  |
|-------------------|--------------------|-----------------------------|-------------|----------|----|-----------------------------------------------------------------------------------|---------|-----|------|-------------|------------------|---|--|--|--|
| PAGE              | /                  | 1 OF 12 PROJECT: Sulphurets |             |          |    |                                                                                   |         |     |      | HOLE NO. 12 |                  |   |  |  |  |
| DEPTH<br>(METRES) | %Core Recy         | LITHOLOGY                   | STRUCTURE   |          |    | GEOLOGICAL DESCRIPTION                                                            |         |     | TERA | TION        | <br>             |   |  |  |  |
|                   |                    |                             |             |          |    | 0.0- A.SI: overbunden and broken aterep                                           |         |     |      |             |                  | — |  |  |  |
| -                 |                    |                             |             |          |    |                                                                                   |         |     |      |             | •<br>• • • • • • |   |  |  |  |
| — s               |                    |                             |             |          |    | 19.81 - 15.36 : quantz - albite ruck derived                                      |         |     |      |             |                  |   |  |  |  |
|                   |                    |                             |             |          |    | From intermediate volcanies,                                                      |         |     |      |             |                  | _ |  |  |  |
|                   |                    |                             |             |          |    | light gray to very slightly greenish, Fine                                        |         |     |      |             |                  |   |  |  |  |
|                   |                    |                             | ÷/          | ey .     |    | of qz, alb, possibly twore severite, local                                        |         |     |      |             | · · ·            |   |  |  |  |
|                   |                    |                             | 464         |          |    | ionson skin texture exhibited by pyrite                                           |         |     |      |             |                  |   |  |  |  |
| - 10              |                    |                             |             | Py       | in |                                                                                   |         |     |      |             |                  | _ |  |  |  |
|                   |                    |                             |             |          |    | 12.86-15.36 : mottled barren and proitic,                                         |         |     |      |             |                  |   |  |  |  |
|                   |                    |                             |             |          |    | barren patches contain 50%. 1-2mm cloudy                                          |         |     |      |             |                  |   |  |  |  |
|                   | <br>               |                             |             |          |    | Foldspar grains                                                                   |         | · · |      | -           |                  |   |  |  |  |
| - 15              |                    |                             |             |          |    | 15.36 - 18.55: mixed gz-alb +x and intermedial                                    | e       |     |      |             |                  | _ |  |  |  |
|                   |                    |                             |             |          |    | volcanies sections of med arean                                                   |         |     |      |             |                  |   |  |  |  |
|                   |                    |                             |             |          |    | Fine grained and esite wichlowitized matics in<br>withewately altered around mass |         |     |      |             |                  |   |  |  |  |
|                   |                    |                             |             |          |    | 18.55-22.36 : mainly g2-alb rx, local patches                                     |         |     |      |             |                  |   |  |  |  |
| - 20              |                    |                             | 90.         | ļ        |    | of remaining wood onatoly altered                                                 | <br>    |     |      |             |                  |   |  |  |  |
|                   |                    |                             |             | <b> </b> |    | intermediate volcanics                                                            |         |     |      |             |                  |   |  |  |  |
|                   | $\left  - \right $ | -                           | <b>†</b> D* |          |    | 22.36 - 23.89 : andesite weakly to molevately                                     |         |     |      | <br>  -     |                  |   |  |  |  |
|                   |                    | ۰                           |             |          |    | altered, med sveen, Fig.,                                                         |         |     |      |             |                  |   |  |  |  |
| - 25              |                    |                             |             |          |    | Feldspathie ux w. 5-10% chlorite grains after                                     |         |     |      | .<br>  .    | ł ł              |   |  |  |  |
|                   |                    |                             |             | <u> </u> |    | matics                                                                            |         |     | -    |             | <br>             | I |  |  |  |
|                   | $\left  - \right $ |                             | <u> </u>    |          |    | 23.89 - 12.00 : gz-albite or derived From                                         | <br>· - |     |      |             |                  |   |  |  |  |
| •                 |                    |                             |             |          |    | moderately altered intermediate volco -x., It                                     |         |     | [    |             |                  |   |  |  |  |
| D/S.              |                    |                             |             |          |    | Bray & locally pale steen, Fig., minor local chlorite                             |         |     | :    | -           |                  |   |  |  |  |

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|    | PAGE 2 OF 12 PROJECT: 5           | lph               | we ts              |                 |                 |       |           |           |           | н        | DLE NO. 12              |
|----|-----------------------------------|-------------------|--------------------|-----------------|-----------------|-------|-----------|-----------|-----------|----------|-------------------------|
| i  | MINERALIZATION<br>DESCRIPTION     | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER | %     | %         | %         | 01        | ,<br>tra | COMPOSITE<br>ASSAYS     |
| £  |                                   | - su              | N1<br>S            | S >             |                 | ¢۲    |           |           | AU        | A,       |                         |
|    |                                   |                   |                    | <b></b>         |                 |       |           |           |           | · · ·    | · · · · · · · · · · · · |
|    |                                   | · · · · ·         | -                  |                 | - *             |       | · · · - · |           |           |          | ···· • ·                |
|    |                                   |                   | -                  | . <u>.</u>      |                 | <br>  |           | ·         |           |          | ·····                   |
|    |                                   |                   | -                  |                 |                 | <br>  |           |           |           |          | · · · · · · ·           |
|    | a.81-15.36: aug 15% py, tr. of    | _                 | 5.0                | ļ               |                 |       | -         |           |           |          |                         |
|    | -5% py dissem -10% py as          |                   |                    |                 |                 |       |           |           |           |          | <br>                    |
|    | thin to 10 cm seams and           |                   | _                  | 3.0             | 2001            | .096  |           |           | 081       | .03      |                         |
|    | veins, mainly slightly            |                   | 8.0                |                 |                 |       |           | · · · · · |           |          | · · · ·                 |
|    | irregular and along Fractures     |                   | _                  |                 |                 |       |           |           |           |          |                         |
|    |                                   |                   |                    | 3,0             | 2002            | .053  |           |           | .083      | 01       |                         |
|    |                                   |                   | 11.0               |                 |                 |       |           |           |           |          |                         |
|    |                                   |                   | -                  |                 |                 |       |           |           |           |          |                         |
| (  |                                   |                   | -                  | 3.0             | 2003            | .185  |           |           | .053      | . 01     |                         |
| ۰. |                                   |                   | 14.0               |                 |                 |       | -         |           |           |          |                         |
|    |                                   |                   |                    |                 |                 |       |           |           |           |          | <u></u>                 |
|    | 15.36-23.89 : avg 10% . py,       |                   | -                  | 3. 0            | 2009            | .059  |           |           | .010      | .01      |                         |
|    | dissen seame                      |                   | 17.0               |                 |                 |       |           |           |           |          |                         |
|    | and veins up to 5mm disson        |                   | _                  |                 |                 |       |           |           |           |          |                         |
|    | along Fus and locally replaying   |                   |                    | 3.0             | 2005            | .052  |           |           | .019      | .01      |                         |
|    | my in intensely Functioned aureus |                   | 200                |                 |                 |       | 1         |           |           | •        | . <u> </u>              |
|    |                                   |                   |                    |                 |                 |       |           |           |           |          |                         |
|    |                                   |                   |                    | 3.0             | 2006            | . 035 |           |           | . 008     | .01      |                         |
|    |                                   |                   | 23.0               |                 |                 |       |           |           |           |          |                         |
|    | 23.89 - 32.00 : aug 15% py,       |                   |                    |                 |                 |       |           | <u>.</u>  | ÷         |          |                         |
|    | dirreminated                      |                   |                    | 3.0             | 2007            | .042  |           |           | .009      | .61      |                         |
|    | -nd inregular seams and           |                   | 15<br>26.0         |                 |                 |       |           |           |           |          |                         |
| (  | Functure Fillings, no visible     |                   | -                  |                 |                 | •     |           |           |           | -        | · · · · · · · ·         |
|    |                                   |                   | -                  | 30              | 2008            | .080  |           |           | . 009     | .01      |                         |
|    |                                   |                   | - 29.0             |                 |                 |       |           |           | · · · · · |          | - · · · ·               |
|    | OB.                               |                   |                    |                 |                 |       |           |           |           |          |                         |

#### WP-62758

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| WP-6275           | 8                           |           |           |                 |                                                  | -1- |          | _        | . <b></b> . | J    |          |
|-------------------|-----------------------------|-----------|-----------|-----------------|--------------------------------------------------|-----|----------|----------|-------------|------|----------|
| L,                | 3 OF 12 PROJECT: Sulphurets |           |           |                 |                                                  |     |          | NO.      |             |      |          |
| DEPTH<br>(METRES) | %Core Recy                  | ГІТНОГОСУ | STRUCTURE |                 | GEOLOGICAL DESCRIPTION                           |     | ALT      | ERAT     | ION         | <br> | к<br>1   |
|                   |                             |           | 84        | pyrite ven      | grains ofter maties                              |     |          |          |             |      | _        |
|                   |                             |           |           |                 |                                                  | •   |          |          | -           |      |          |
|                   |                             |           |           |                 | 32.00 - 13.50 : moderately altered intermivale,  |     |          |          |             |      |          |
| -                 |                             |           |           |                 | med queen, F.g., massive, 10%.                   |     |          |          | •••         |      |          |
| - 15              |                             |           |           |                 | chlorite grains in groundmass of probably        |     |          |          |             |      |          |
|                   |                             |           | 20        |                 | abitized Feldspar                                |     |          |          |             |      |          |
|                   |                             |           | 96        |                 | 33.80-50.50 : q2-alb ux, veny pale greenish      |     |          |          | · · ·       | ···· |          |
| -                 |                             |           |           |                 | gaz quantzu. Fridspathic vx                      |     |          |          |             |      |          |
| -                 |                             | •••( )    |           |                 | devived from intermediate volcanic ver,          |     |          |          |             |      |          |
| 40                |                             |           |           | 1               | imainly Fig., granular, lucally rooms e grained  |     |          |          |             |      | <u> </u> |
| -                 |                             |           |           |                 | and possibly tectonically conshed                |     |          |          |             |      |          |
| -                 |                             |           |           |                 |                                                  |     |          |          |             |      |          |
| •                 |                             |           | 5.0       |                 |                                                  |     |          |          |             |      | ·        |
| -                 |                             | ·         |           |                 |                                                  |     |          |          |             |      |          |
|                   |                             |           | 60        | <u>_</u>        |                                                  |     |          |          |             |      |          |
| -                 |                             |           | 10        |                 |                                                  |     |          |          |             |      |          |
| -                 | -                           |           |           |                 |                                                  |     |          |          |             |      |          |
| -                 | <u> </u>                    |           |           |                 |                                                  |     |          | <b> </b> |             |      |          |
| -                 | <u> </u>                    |           |           | Hen align       |                                                  |     |          |          |             |      |          |
| - 50              | <u> </u>                    |           |           |                 | , i , i , i                                      |     |          |          |             |      | $\vdash$ |
| -                 |                             |           | -         |                 | 50.50-59.00: intermediate vile, med              |     |          | <b> </b> |             |      | ĺ        |
| -                 | ┝──                         |           |           |                 | suren very Fig., massive,                        |     | <b> </b> | <u> </u> |             |      | 1        |
| -                 | ┣                           |           |           |                 | Foldsporthic w. minor visible chlowitized matics |     |          |          |             |      | 1        |
| -                 | ⊢                           |           |           | 1               | autorately gr-albite altered                     |     |          | <b> </b> |             |      | 1        |
| <b></b>           |                             | · ••• ••  |           | <u> </u>        | 54.00- 62.97: qz-alb. mz, vigi, It. gmy,         |     | ••••     |          |             |      | Γ        |
|                   |                             |           |           |                 | uniform, very light greenish grage               |     |          |          |             |      | J        |
| -                 |                             | <b></b>   |           |                 | 62.97 - 147.10 : g2-alb. ox, mainly w elastic    |     | <b>1</b> |          |             |      | ]        |
| F                 |                             |           |           | <u>, рү. ү.</u> | textures, It any, pyritic                        |     |          |          |             |      |          |
| D.B.              |                             |           |           | <u> </u>        | 62.97 - 67 20: possible this pressia             |     |          |          |             |      | 1        |

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| PAGE 4 OF 12 PROJECT: Sulphunets HO     |            |                   |                     |                 |                 |         |                                              |     |         | DLE NO. 12 |                                                |
|-----------------------------------------|------------|-------------------|---------------------|-----------------|-----------------|---------|----------------------------------------------|-----|---------|------------|------------------------------------------------|
| PAGE 4 OF 12 PF                         | ROJECT : S | r                 |                     |                 |                 | %       | <b>%</b>                                     | %   | 1       |            |                                                |
| MINERALIZATION                          |            | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL  | SAMPLE<br>WIDTH | ASSAY<br>NUMBER |         |                                              | 10  | 62      |            | ASSAYS                                         |
| DESCRIPTION                             |            | 2NLI<br>SULI      | SAN                 | SAM             | NUMBER          | cu .    |                                              |     | A.      | ton<br>Mg  |                                                |
|                                         |            |                   |                     |                 |                 |         |                                              |     | 1       |            |                                                |
|                                         |            |                   |                     | 3.0             | 2009            | .043    |                                              |     | . 010   | .01        |                                                |
| 32.00-13. 80 av 3-5                     | ,          |                   | 32.0                | <u> </u>        |                 |         |                                              |     |         |            |                                                |
| dirren a                                | nd on Frs  |                   | -                   |                 |                 |         |                                              |     |         |            |                                                |
| 32,80 - 50.50 : avg 20                  | ·          |                   | -                   | 3.0             | 2010            | .088    |                                              |     | .007    | .01        |                                                |
| -10%.                                   | issem      | <u> </u>          | 35.0                | ·               |                 |         |                                              |     |         |            |                                                |
| py, extremely Fine                      | swained    |                   | -                   |                 |                 |         |                                              |     |         |            |                                                |
| to Fine smined, on                      | 2 - 10%.   |                   |                     | 30              | 2011            | .177    |                                              |     | .023    | .0]        | <br>                                           |
| vern and Functure p                     |            |                   | 38.0                |                 |                 |         |                                              |     |         |            | • ••                                           |
| py seams commonly 2-                    | · · ·      |                   |                     | -               | -               |         |                                              |     |         |            |                                                |
| H 5 cm.                                 | <u></u>    |                   | -                   | 3.0             | 2012            | . 10 8  |                                              |     | .017    | 01         | · · · · ·                                      |
| T 2 CM.                                 |            |                   |                     | 5.0             |                 | .100    |                                              |     | , • • • | -          |                                                |
| · - · · · · · · · · · · · · · · · · · · |            |                   | 41.0                |                 |                 |         |                                              |     |         |            |                                                |
|                                         |            |                   |                     |                 |                 |         |                                              |     |         |            |                                                |
| l                                       |            |                   | -                   | 3.6             | 2013            | .086    |                                              |     | .028    | .02        |                                                |
| - <u> </u>                              |            |                   | 44.0                |                 |                 |         |                                              |     |         |            |                                                |
|                                         |            |                   | 45                  |                 |                 |         |                                              | · · |         |            |                                                |
| 45.45 - 46.10 : Aug =1                  | 1p.w.      |                   | <b>a</b> r <b>a</b> | 3.0             | 2014            | .080    |                                              |     | .022    | .03        | · · · ·                                        |
| py scams                                |            |                   | 47.0                |                 |                 |         |                                              |     |         |            |                                                |
|                                         |            | -                 |                     | -               |                 |         |                                              |     |         |            |                                                |
|                                         |            |                   | -                   | 3.0             | 2015            | .116    |                                              |     | .040    | .oz        | · · ·                                          |
|                                         | /          |                   | 50.0                |                 |                 | . / . 6 |                                              |     | .0 10   |            | · · · · · · · · · · · · · · · · · · ·          |
| 50.50 - 197.10 - Aug 1=                 |            |                   | 30.0                |                 |                 |         |                                              |     |         |            |                                                |
| Fine-m                                  |            |                   | -                   |                 |                 |         |                                              |     |         |            |                                                |
| promed, disturbuted                     |            |                   |                     | 3.0             | 2016            | .102    |                                              |     | .010    | .02        |                                                |
| equally between dis:                    | icm and    |                   | 53.0                | 1               |                 |         |                                              |     |         |            | -                                              |
| evente veins., py                       | veins      |                   | _                   |                 |                 |         | <br>                                         |     |         |            |                                                |
| ave mainly 1-5 mm                       | thick,     |                   |                     | 3.0             | 2017            | 148     |                                              |     | .012    | .01        |                                                |
| locally up to 10 cm.                    |            |                   | 51.0                |                 |                 |         |                                              |     | · · · · |            |                                                |
|                                         |            |                   |                     |                 |                 |         |                                              |     |         |            |                                                |
| 57.70-58.40                             | 0.2-       |                   |                     | 3.0             | 2018            | .172    |                                              |     | .036    | .03        |                                                |
| 0.3% ep                                 | ·• ·- ·    | •                 | -<br>57.0           |                 |                 |         |                                              |     |         |            | - <b>-</b> · · ·                               |
| D.A.                                    |            |                   |                     |                 |                 |         |                                              |     |         |            |                                                |
|                                         | l          |                   |                     |                 |                 |         | <u>                                     </u> | L   |         |            | L <u>.                                    </u> |

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WP-6275B

| PAGE              | 5          | o         | Fļ        | 2 PROJECT: Sulphurets                                   | ŀ        | IOLE     | NO.  | 12     | -     |
|-------------------|------------|-----------|-----------|---------------------------------------------------------|----------|----------|------|--------|-------|
| н<br>(S:          | ec y       | کم<br>ا   | URE       |                                                         |          | ALT      | ERAT | ION    |       |
| DEPTH<br>(METRES) | %Core Recy | LITHOLOGY | STRUCTURE | GEOLOGICAL DESCRIPTION                                  |          |          |      |        |       |
|                   |            |           |           | horizon, close-packed 5mm-2cm angular                   |          |          |      |        |       |
|                   |            |           | 50        | pyrite voin silicous clasts in silicous-pyritic matrix, | • · ; •  |          |      |        |       |
|                   |            | +- ?<br>  |           | may be tectoric                                         |          |          |      |        |       |
|                   |            | 70        |           | 62.20- 115.53 : clastic intermediate                    |          |          |      |        |       |
| -65               | ļ          |           | 30        | volcanic week almost totally convented                  |          |          |      |        |       |
|                   |            | •••       | 15        | to grantz-albite vuck, contains 1-10%                   |          |          |      |        |       |
|                   |            |           |           | claste, mainly angular to exbangular,                   |          |          |      |        |       |
|                   |            |           | :<br>     | commonly small to 2-3 cm, most are                      |          |          |      |        | - :   |
|                   |            |           |           | It gony like the materix, = 10-15% of                   | • •      |          |      |        |       |
| -                 |            |           |           | the clasts are pale green to locally                    |          |          |      | -      |       |
|                   |            |           |           | medium guernish guy, the svernish                       |          |          |      |        |       |
|                   |            |           |           | clasts are feldspathic and midentely                    |          |          |      |        |       |
|                   |            | -         | 30        | altered w minor chlavite grains and                     |          |          |      |        |       |
|                   |            |           |           | patches probably after matics                           |          |          | -    |        |       |
|                   |            |           |           |                                                         |          |          |      |        |       |
|                   |            |           |           |                                                         |          |          |      |        | -·    |
|                   |            |           |           |                                                         |          |          |      |        | ••••• |
|                   |            |           |           |                                                         | · ··     | -,       |      | - ·    |       |
|                   |            |           |           |                                                         |          |          |      |        |       |
|                   |            |           | -5        |                                                         |          |          |      |        |       |
|                   |            |           | 10        |                                                         | <u> </u> | <b> </b> |      |        |       |
|                   |            | ·         |           |                                                         |          |          |      | - · -  |       |
|                   |            |           | -55       |                                                         |          |          |      |        |       |
|                   |            | F         | 70        |                                                         |          |          |      |        | <br>1 |
|                   |            |           | 14        |                                                         |          |          |      |        |       |
| - \$5             |            |           |           |                                                         |          |          |      | •••••• |       |
| •                 |            |           | 45-       |                                                         | -        |          |      |        |       |
|                   |            |           | 50        |                                                         |          |          |      |        |       |
| -                 |            |           |           |                                                         |          |          |      |        |       |
| OB.               |            | ┢╌┼┈      |           |                                                         |          |          |      |        |       |

## WP-6275C

|   | PAGE 6 OF 12 PROJECT:                  | Sulp    | huvets             |                 |                 |      |          |       | _        | н    | DLE NO. 12                            |
|---|----------------------------------------|---------|--------------------|-----------------|-----------------|------|----------|-------|----------|------|---------------------------------------|
|   | MINERALIZATION<br>DESCRIPTION          | TOTAL   | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER | %    | %        | %     | 01       | ton  | COMPOSITE<br>ASSAYS                   |
|   |                                        |         | =                  |                 |                 | C.   |          |       | A.       | Ag   |                                       |
|   | ······································ |         | <b>-</b>           | 8.0             | 2019            | .094 |          |       | .019     | ,01  |                                       |
|   | ·····                                  |         | <u>62.0</u>        |                 |                 |      | <u> </u> | <br>  |          |      |                                       |
|   |                                        |         |                    |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         | -                  | 3.0             | 2026            | .048 |          |       | .040     | .02  |                                       |
|   | ,<br>                                  |         | 65.0               |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         | -                  | <b></b>         |                 |      | <u> </u> |       |          |      |                                       |
|   | · · · · · · · · · · · · · · · · · · ·  |         |                    | 3.1             | 2021            | .017 |          | -<br> | 018      | .01  |                                       |
|   |                                        | · · · · | 68 0               |                 |                 |      |          |       |          |      | · · ····                              |
|   | <u></u>                                |         | -                  |                 |                 |      |          |       |          |      | · · · · · · · · · · · · · · · · · · · |
|   |                                        |         |                    | 3,0             | 2022            | .053 |          |       | .019     | .01  |                                       |
| 1 |                                        |         | 71.0               |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         | -                  |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         |                    | 3.0             | 2023            | .051 |          |       | .020     | . 01 |                                       |
|   |                                        |         | 74.0               |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         | <b></b>            |                 |                 |      |          |       | L        |      |                                       |
|   |                                        |         |                    | 3.0             | 2029            | .097 |          |       | .020     | . 02 |                                       |
|   |                                        |         | ۵.¢ך               |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         |                    |                 | -               |      |          |       |          |      |                                       |
|   |                                        |         | •                  | 3.0             | 2025            | .040 |          |       | .022     | ંત્વ |                                       |
|   | · · · · ·                              |         | 80.0               |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         |                    |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         | -                  |                 | 2026            | .045 |          |       | .050     | . 01 |                                       |
| 1 | <u> </u>                               |         | -                  | 3.0             |                 | .073 |          |       | .050     |      |                                       |
|   |                                        |         | \$3.0              |                 |                 |      |          |       |          |      | · · · · ·                             |
|   |                                        |         | -                  |                 |                 |      |          |       | <u> </u> |      |                                       |
|   |                                        | -       |                    | 3.0             | 2027            | .061 |          |       | .021     | _ 01 | <b>.</b>                              |
| I |                                        |         | 86.0               |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         | -                  |                 |                 |      |          |       |          |      |                                       |
|   |                                        |         |                    | 3.0             | 2028            | .038 |          |       | .020     | .03  |                                       |
|   | 11                                     |         | 8-5-0              |                 |                 |      |          |       |          |      | · · · · · · · · · · · · · · · · · · · |
|   | O.S.                                   |         |                    |                 |                 |      |          |       | <u> </u> |      |                                       |

| P-6275<br>PAGE    | 7          | 01                      | = 12      | PROJECT: Sulphunots                   | н          | OLE      | NO.                                   | 12       |                                       |     |
|-------------------|------------|-------------------------|-----------|---------------------------------------|------------|----------|---------------------------------------|----------|---------------------------------------|-----|
| DEPTH<br>(METRES) | %Core Recy | LITHOLOGY               | STRUCTURE | GEOLOGICAL DESCRIPTION                |            | ALT      | ERAT                                  |          |                                       | _ ' |
| -                 |            |                         |           | note: very minor callife -quanti      |            |          |                                       |          |                                       |     |
|                   |            |                         |           | veins occur through out the hole      |            |          |                                       | ·        | ·                                     |     |
|                   |            |                         |           | they show no preferred direction are  | ·          |          |                                       | _        |                                       |     |
|                   |            | · • •                   |           | jundom dieturbuted in both intensely  | · ·        |          |                                       |          |                                       |     |
| - 95              |            |                         |           | and mederately altered rock, they     |            |          |                                       |          |                                       | _   |
|                   |            |                         |           | appear to be late Francture Fillings  | · · · ·    |          |                                       |          |                                       |     |
|                   |            |                         |           | and one varely mineralized w. cp, to  |            |          |                                       |          |                                       |     |
|                   |            |                         |           | isph as noted                         |            |          |                                       |          |                                       |     |
|                   |            | · · · · · · · · · · · · | 75        |                                       |            |          |                                       |          |                                       |     |
| ÷                 |            |                         |           | ру v.                                 |            |          |                                       |          |                                       | _   |
|                   |            |                         |           |                                       |            | · · ·    |                                       |          |                                       |     |
|                   |            |                         | -         |                                       |            |          | · · · · · · · · · · · · · · · · · · · |          |                                       |     |
|                   |            |                         | 30        |                                       |            |          | ļ                                     |          | <b> </b>                              | ŀ   |
|                   |            | ··                      |           |                                       |            | · · ·    |                                       | <br>     |                                       |     |
| -                 |            |                         |           |                                       | <u> </u>   |          | <u> </u>                              |          | · · · · · · · · · · · · · · · · · · · | 1   |
| - 105             |            |                         |           |                                       |            |          |                                       | ļ        |                                       |     |
|                   |            |                         |           |                                       |            | <b> </b> | -                                     | · · ·    | 1                                     |     |
|                   |            |                         |           |                                       | <b>_</b>   | <br>     | <b>İ</b>                              |          |                                       | 1   |
|                   |            | `                       |           |                                       | ļ          | <b> </b> |                                       |          |                                       |     |
|                   |            |                         | 8         | cal-92.V.                             | <u> </u>   | ļ        |                                       | <b>_</b> |                                       | ╞   |
|                   |            |                         | 5         |                                       |            | <u> </u> |                                       |          |                                       |     |
|                   |            |                         | 1         | P7 V.                                 | <b>.</b> : | <br>     | ·                                     |          | .                                     |     |
|                   |            |                         | -         |                                       |            |          |                                       |          |                                       |     |
| •                 | -          |                         |           |                                       |            | 1_       |                                       |          | ┥┈╾                                   |     |
| •                 |            |                         |           | 115.53 - 115.72 : F.g. breeces unit,  |            |          |                                       |          |                                       | 1   |
| - 115             |            | 10                      | -         | possibly w. relief bedding preserved. |            | <u>†</u> | -1                                    |          |                                       | 1   |
| -                 |            |                         |           |                                       | ·; ·<br>·  |          |                                       |          |                                       | 4   |
| •                 | T          |                         |           |                                       |            |          |                                       |          | ╉┿╸                                   |     |
| -                 |            |                         | -         |                                       |            |          |                                       | ┨┿       | ┨┿                                    | 1   |
| 0/3.              | $\vdash$   | ╊┿                      | - 46      | 15+ ek 40-                            |            |          |                                       | +        | ╉╬╴                                   |     |

Sulphurets PAGE 8 OF 12 PROJECT: HOLE NO. 12 % % TOTAL SULPHIDE % COMPOSITE SAMPLE SAMPLE WIDTH 02/ ton **MINERALIZATION** ASSAY ASSAYS NUMBER DESCRIPTION zn ¢υ A. Ab 2029 3.0 059 02 3 01 42.0 3.0 2030 .01 067 022 95.0 3.0 2031 024 , Ół 058 98.0 9965-104.85 . ava 0.2-0.5 3.0 2032 091 050 . 01 101.0 % cp. dissem w. py in scoms and natches none usible py dissen in rock. 3.0 2033 301 .08 020 .02 Ę 109.0 - 105 508 .08 65Z 08 3.0 2034 104.85-105.20 2-3% cp "1 10 sph in this callete -qu 107.0 veins in pyritic ge-ald ++ 143 .03 3.0 2035 063 .07 105.30 - 106.20 : possible to sph on hainling Fors. 110.0 2036 029 04 109 .01 111.80 - 112.20 : 8-12 cm 3.0 Hurle seams of Fine-med 113.0 mained marsive py. 2037 006 02 020 01 3.0 116.0 007 633 .01 3.0 2038 . 1 119.0 ÷1. ----OB.

WP-6275C

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| PAGE              | 9          | 0             | Fł             |             | ECT: Sulphurets                          | н     | OLE | NO.  | 12  | -            |
|-------------------|------------|---------------|----------------|-------------|------------------------------------------|-------|-----|------|-----|--------------|
| _ (s              | 5          | 5             | Ĕ              | <u> </u>    | i                                        |       | ALT | ERAT | ION |              |
| DEPTH<br>(METRES) | %Core Recy | гітногоду     | STRUCTURE      |             | GEOLOGICAL DESCRIPTION                   |       |     |      |     |              |
|                   |            |               | 85             | gyrite vein | 115.72- 197.10: mainly 1+ gray to        |       |     |      |     |              |
|                   |            |               |                |             | locally mottled green-gray altered       |       |     |      |     |              |
|                   |            |               | · - <u>'</u> ' |             | clastic intermediate volcanic weeks      |       |     |      |     |              |
|                   |            |               | +0             |             | minor claste w. greenish color but       |       |     |      |     | <sup>-</sup> |
| -125              |            |               | ~              |             | no velict internal textures in a         |       |     |      |     |              |
|                   |            |               | 15             |             | guantz-albite ground mass.               |       |     |      |     |              |
|                   |            |               | - N            | e show      | ,                                        |       |     |      |     |              |
|                   |            | ar ann a' sao | 75             |             |                                          |       |     |      |     |              |
|                   |            |               | 10             |             |                                          |       |     |      |     |              |
| <b>.</b>          |            |               | 136            |             |                                          |       |     |      |     |              |
|                   |            |               | $\backslash$   | - + zh #ar  |                                          |       |     |      |     |              |
|                   |            |               |                |             |                                          |       |     |      |     |              |
|                   |            |               | -              |             |                                          |       |     |      |     |              |
|                   |            |               | 80             |             |                                          | · · · |     |      |     |              |
| -115              |            |               |                |             |                                          |       |     |      |     |              |
| -179              |            | i<br>         | 80             |             |                                          |       |     |      |     |              |
|                   |            |               |                |             |                                          |       |     |      |     | :            |
|                   |            |               |                |             |                                          |       |     |      |     |              |
|                   |            | argan May I   |                |             |                                          | •     |     |      |     |              |
|                   |            |               |                |             |                                          |       |     |      |     |              |
| <b>*</b>          |            |               |                |             |                                          |       |     |      |     |              |
|                   |            |               | 00             |             |                                          |       |     |      |     |              |
|                   |            |               |                |             |                                          |       |     |      | -   |              |
|                   |            |               |                |             |                                          |       |     |      | -   |              |
|                   |            |               |                |             |                                          |       |     |      |     |              |
| - 14 5            |            |               |                |             |                                          |       |     |      |     |              |
|                   |            |               | 50             |             | 197.10-197.60: massive, very pale green, |       |     |      |     |              |
|                   |            |               | Ĩ,             | Zocm sheer  | arbantic gradb up, intensels             | ·     |     |      |     | <sup>:</sup> |
| •                 |            | ┠┿╸           |                |             | Functured w minor grad upining           |       |     |      |     |              |
| US.               |            | 1             |                |             |                                          |       |     |      |     |              |

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| PAGE 10 OF 12 PROJECT: S.         | uphi | v ets              |                 |                 |       |          |      | ·        | но       | DLE NO. 12                  |
|-----------------------------------|------|--------------------|-----------------|-----------------|-------|----------|------|----------|----------|-----------------------------|
| MINERALIZATION<br>DESCRIPTION     |      | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER | %     | %        | %    | 02       | /ton     | COMPOSITE<br>ASSAYS         |
|                                   | SUL  | SA                 | SA<br>W         |                 | ¢,    |          |      | A.       | Α٩       |                             |
|                                   |      | <del></del>        | 3.0             | 2039            | .051  |          |      | . 113    | .01      |                             |
|                                   |      | 122.0              |                 | _               |       |          |      |          |          |                             |
|                                   |      | _                  |                 |                 |       |          |      |          |          |                             |
|                                   |      | _                  | 3.0             | 2090            | .035  |          |      | .065     | .01      |                             |
|                                   |      | 125.0              |                 |                 | •     |          |      |          |          | · · · ·                     |
|                                   |      |                    |                 |                 |       |          |      |          |          |                             |
|                                   |      | -                  | 3.0             | 2041            | .037  |          |      | .031     | .01      | ···· ·                      |
|                                   |      | 126.0              |                 |                 |       |          |      |          |          |                             |
|                                   | •    |                    |                 |                 |       |          |      |          |          |                             |
|                                   |      | <b>-</b> -         | 3.0             | 2042            | . 007 |          | = -  | .117     | .02      |                             |
|                                   |      | 131.0              |                 |                 |       |          |      |          |          |                             |
|                                   |      |                    |                 | · ·             |       |          |      |          |          | ·····                       |
|                                   |      | -                  |                 | 2093            | .007  |          |      | .043     | .02      |                             |
|                                   |      | -                  | 3.0             |                 | .007  |          |      |          |          |                             |
|                                   |      | 134.0              | -               |                 | <br>  |          |      |          |          |                             |
|                                   |      |                    |                 |                 |       |          |      |          |          |                             |
|                                   |      | -                  | 3.0             | 2099            | .036  |          |      | .029     | .05      |                             |
| 147.10 - 148.40 . ava 3-4 1/0 py, |      | 137.0              |                 |                 |       |          |      |          | -        |                             |
| dissem along                      | · ·  | -                  | Ļ               |                 |       |          |      |          |          |                             |
| hairline frs                      |      | -                  | 3.0             | 2045            | .008  |          |      | .042     | . 64     |                             |
| 148.40 - 166.24 : avg 10.10 px,   |      | 190.0              |                 |                 |       |          |      |          |          |                             |
| 1 10 cp, cp                       |      | _                  |                 |                 |       | <u> </u> |      |          |          |                             |
| is mainly dissem and in           |      | -                  | 3.6             | 2046            | .012  |          |      | 048      | .03      |                             |
| small patches assor w. py,        |      | 143.0              |                 |                 |       |          |      | <u> </u> |          | ·                           |
| it is about equally distributed   |      |                    |                 |                 | <br>  |          |      | <u> </u> |          |                             |
| between intensoly and moder       | <br> |                    | 3.0             | 2097            | .012  |          | <br> | .045     | .02      |                             |
| ately altered rock locally        |      | 146.0              | <b>_</b>        |                 |       | ļ        |      | <br>     | <b> </b> |                             |
| it occurs in concentuations of    |      | - 147.10           | 1.10            | 2048            | .005  | ļ        | <br> | . 638    | .01      | ¦<br>                       |
| up to 10% over 25 cm . a          |      |                    |                 |                 | ļ     | ·        | <br> | <u> </u> |          | ļ                           |
| very mour amount is in            |      |                    | 1.90            | 2049            | .258  |          |      | .010     | . 65     | · · · · · · · · · · · · · · |
| calcibe- 92 veins. OB             |      |                    |                 |                 | ·     | · ··-·   |      | - · ·    |          |                             |

## WP-6275B

| PAGE              |           | o         | F }       | 2 PROJECT: Sulphurets                                              | -          | ŀ         | IOLE     | NO.      | łΖ       | -        |               |
|-------------------|-----------|-----------|-----------|--------------------------------------------------------------------|------------|-----------|----------|----------|----------|----------|---------------|
| н<br>Es)          | ecy       | δg        | URE       |                                                                    |            |           | ALT      | ERAT     | ION      |          |               |
| DEPTH<br>(METRES) | %Core R   | ГІТНОГОСУ | STRUCTURE | GEOLOGICAL DESCRIPTION                                             |            |           |          |          |          |          |               |
|                   |           | ·         |           | 197.60 - 166.24 : massive, intensely to                            |            |           |          |          |          |          |               |
|                   |           |           |           | molevately qz-albite                                               | -          | `         |          |          |          |          |               |
|                   |           |           |           | altered intromediate volcanic meter                                | -          |           |          |          |          |          | ļ             |
|                   |           |           | ,         | varies From aphanitic to Fine grained                              |            | •         |          |          |          |          |               |
| -155              |           |           |           | Felsic, mainly 14 to med green w 14.                               |            |           |          |          |          |          |               |
| - 19 9            |           |           |           | guny, movely velict Feld visible, no                               |            | :         |          |          |          | •        |               |
|                   |           |           |           | usible chlorite or matic velicts, min                              |            | - · · · · |          |          |          |          |               |
|                   |           |           |           | g2-cal-cht veins locally wimmer of                                 | 1          |           |          |          |          |          |               |
|                   |           |           |           |                                                                    |            |           |          |          | • •      |          |               |
|                   |           | 1         |           |                                                                    |            |           |          |          |          |          |               |
| -                 |           | <u>†</u>  |           |                                                                    |            |           |          |          |          |          | ſ             |
|                   |           |           |           |                                                                    |            |           |          |          |          | <u>.</u> | 1             |
|                   | $\square$ |           | 10        | gz-cal voins<br>Sam to Zinn                                        |            |           |          |          |          |          | ٩             |
|                   |           |           |           |                                                                    |            |           |          |          |          |          | 1             |
|                   |           | <u> </u>  |           | 166.29 - 166.73 : intermediate velopnic mi<br>green Fig. anderite? | <u>e c</u> |           |          |          |          |          | 1             |
| -165              |           |           |           | massive - 10% very fine elongate bbyh                              | - 11.1     |           |          |          |          |          | t             |
| 166.73            | <b> </b>  |           |           | in ground mass . F mainly « Imm to Imm                             | 1          |           |          |          |          |          | 1             |
|                   |           |           |           |                                                                    |            |           |          |          |          | -        |               |
|                   | -         | ┼──       |           | Feldspor grains                                                    |            |           |          |          |          |          | 1             |
|                   |           |           |           |                                                                    |            |           | -        |          |          |          | 1             |
| -                 | ┝─        |           |           |                                                                    |            |           | <u> </u> |          |          |          | t             |
|                   | $\vdash$  |           | <br>      |                                                                    |            |           |          |          | <b> </b> |          |               |
|                   | -         | <br>      |           |                                                                    |            | •••       | <u> </u> |          | <u> </u> |          |               |
|                   | -         |           |           |                                                                    |            | •         |          | <u> </u> |          |          |               |
|                   | $\vdash$  |           |           |                                                                    |            |           |          |          |          |          |               |
| -                 | <b> </b>  |           |           |                                                                    |            |           | <b> </b> |          |          |          | ╉             |
| •                 | -         |           |           |                                                                    | -+         |           |          | :<br>    |          |          | •             |
| I.                |           |           |           |                                                                    |            |           |          | <u> </u> | <u> </u> |          | -             |
| -                 |           | <b> </b>  | 1         |                                                                    |            |           | 1        |          |          | ┨┯       | $\frac{1}{2}$ |
|                   |           |           |           |                                                                    |            | _         | 1        |          |          |          | ]             |
| OB.               | 1         | -+-       |           |                                                                    | -          | 1         |          | 1        | 1        |          | 1             |

| WP-6275C                              |  |
|---------------------------------------|--|
| · · · · · · · · · · · · · · · · · · · |  |

| AGE 12 OF 12 PROJECT:                  | Supl              | numet        | r               |                                       |          |   |   |          | но       | LE NO. 12 |
|----------------------------------------|-------------------|--------------|-----------------|---------------------------------------|----------|---|---|----------|----------|-----------|
| MINERALIZATION<br>DESCRIPTION          | TOTAL<br>SULPHIDE |              | SAMPLE<br>WIDTH | ASSAY<br>NUMBE R                      | %        | % | % |          | /ton     | COMPOSITI |
| <u></u>                                | ŭ.                | ‴≚           | 5               |                                       | ς.       |   |   | 4        | و٩       |           |
|                                        | _                 |              | 3.0             | 2050                                  | .499     |   |   | .027     | .08      |           |
|                                        | _                 | 152.0        |                 |                                       |          |   |   |          |          |           |
|                                        |                   |              |                 |                                       |          |   |   |          |          |           |
|                                        |                   | _            | 3.0             | 2051                                  | .478     |   |   | .027     | . 68     |           |
|                                        |                   | 155.0        |                 |                                       |          |   |   |          |          |           |
|                                        |                   |              |                 |                                       |          |   |   |          |          |           |
|                                        |                   | -            | 3.0             | 2052                                  | .452     |   |   | .633     | .10      |           |
|                                        |                   |              |                 |                                       |          |   |   |          |          |           |
|                                        |                   | 13 8.0       |                 | <u></u>                               |          |   |   |          |          |           |
|                                        | 1                 | -            |                 |                                       |          |   |   | 474      | .05      |           |
|                                        |                   |              | 3.0             | 2053                                  | .559     |   |   | .024     | , ¥5     |           |
|                                        |                   | 161.0        |                 |                                       |          |   |   |          |          | <u>.</u>  |
|                                        |                   | ┢            |                 |                                       |          |   |   |          |          |           |
|                                        |                   |              | 3.0             | 2054                                  | ,765     |   |   | .028     | .07      |           |
|                                        |                   | 161.0        | <b>_</b>        |                                       |          |   |   |          |          | ·         |
| 64.23 - 166.73: + dissem               |                   |              |                 | 2055                                  | . 838    |   |   | .030     | .07      |           |
| <u>ry</u>                              |                   | - 166.24     |                 | 2033                                  | , 850    |   |   | .0.00    |          |           |
|                                        |                   | -166.73      | 0, 49           | 2056                                  | .014     |   |   | .001     | .04      |           |
|                                        |                   |              |                 |                                       |          |   |   |          |          |           |
|                                        |                   |              |                 |                                       |          |   |   |          |          |           |
|                                        | -                 | -            |                 | · · · · · · · · · · · · · · · · · · · |          |   |   |          |          |           |
| ·····                                  |                   | <u> </u>     |                 |                                       |          |   |   |          |          |           |
| ······································ | +                 | <del> </del> |                 |                                       |          |   |   |          |          | ····      |
|                                        |                   | -            | <b> </b>        |                                       |          |   |   |          |          |           |
|                                        |                   | <b> </b>     | ļ               |                                       |          |   |   |          |          |           |
|                                        |                   | ŀ            | <b> </b>        |                                       | <b> </b> |   |   |          | <b> </b> |           |
| · · · · · · · · · · · · · · · · · · ·  | <u> </u>          |              | <b> </b>        |                                       | <u> </u> |   |   | <b> </b> | <b> </b> |           |
|                                        |                   | L.           |                 |                                       | L        | ļ |   | <b> </b> | <u> </u> |           |
|                                        |                   |              | <br>            |                                       |          |   |   | ļ        |          |           |
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| PAGE              |            |            |           | = PROJE  | ct: Sulphurets                        | H        | IOLE    | NQ.  | 17    | 2 |
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| DEPTH<br>(METRES) | %Core Recy | ГІТНОГОВУ  | STRUCTURE |          | GEOLOGICAL DESCRIPTION                |          |         |      |       |   |
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#### WP-6275A

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## IMPERIAL OIL LIMITED

# MINERALS SECTION

# DRILL LOG

| PROJECT SULPHURETS # 2153                                                                                                                                                              | GROUND ELEV.<br>3400' 1036m                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| HOLE NO.<br>DDH # 13                                                                                                                                                                   | BEARING<br>180° - 360°                                        |
| LOCATION<br>MOLY ZONE 150 meters west of DOH #9.                                                                                                                                       | DIP COLLARED @ 70°                                            |
|                                                                                                                                                                                        | TOTAL LENGTH<br>275.84 Moders.                                |
| LOGGED BY M. ORLEY G. BROWN                                                                                                                                                            | HORIZONTAL PROJECT                                            |
| DATE LOLLED ACK. 19420 428/80                                                                                                                                                          | VERTICAL PROJECT                                              |
|                                                                                                                                                                                        | ALTERATION SCALE                                              |
| CONTRACTOR<br>ARTIC DIAMOND DRIVING.<br>Whiteborse, Yutin<br>CORE SIZE<br>BQ                                                                                                           | absent<br>slight<br>moderate                                  |
| DATE STARTED AUGUST 13, 1980 - STRATOD DAILL MORE FROM<br>DDH #12                                                                                                                      | TOTAL SULPHIDE SCALE                                          |
| DATE COMPLETED<br>AUGUST 23,1980 - DRILL MOVE FO DDM 14 STATED<br>DIP TESTS<br>METCLE : B.29 60.96 76.2 275.64<br>DIP : 69° 68° 64° 22.5°<br>BEGARNOL, 354° 358° 357° 042°<br>COMMENTS | traces only<br>< 1%<br>1% - 3%<br>3% - 10%<br>> 10%<br>LEGEND |

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#### WP-6275B

| WP-6275           | в          |           |           |                                       |                                                                                                                                                                                    |     |            |      |      |     |
|-------------------|------------|-----------|-----------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------|------|------|-----|
| PAGE              |            |           | -         | / PROJE                               | ect: Sulphurets                                                                                                                                                                    | ł   | IOLE       | NO.  | 13   |     |
| DEPTH<br>(METRES) | %Core Recy | ГІТНОГОВУ | STRUCTURE |                                       | GEOLOGICAL DESCRIPTION                                                                                                                                                             |     | AL1        | ERAT | TION |     |
|                   |            |           |           |                                       | 0-5-10 - CASING - OVERBURDEN                                                                                                                                                       |     |            |      |      | -   |
| -                 |            |           |           | 5.10m -<br>78.73m                     | OTZ SERICITE SCHIST                                                                                                                                                                |     |            |      |      |     |
| -                 |            |           |           |                                       | -Med granned. Lt grey<br>well foliated, Seriestized and Fridale.                                                                                                                   |     |            |      |      |     |
| -                 |            |           |           |                                       | - Sections of complete class within Erachures<br>- No RELACT PRIMARY TEATURGS of STRUCTURES<br>- DIL VELONG primarily & Icm and // follow i)<br>- MINOR VELOR CROSS CUTTING VELONS |     |            |      |      |     |
| -                 |            |           |           |                                       | - by = 5 Te is disseminated three jest Set of<br>headly high concentrations with ghe Veins +<br>as patches y or clots.<br>- IN GUNNERL UNIT BLOCKY WITH ULKY CRUMBLY - FRA         |     |            |      |      |     |
|                   |            | <u></u>   | 55        |                                       | -IN GUNDERL UNIT BLOCKY WITH UDRY CHUMISLY OTHE<br>SEGMUNITS - EVIDONUE OF GATUNSING SHELP.<br>- MO: FRINTURE HUMATITE RAND CHOMITS CORTED                                         |     | - 17       |      |      |     |
| - 10              |            | ······    | Ϋ́Υ.      |                                       | 6.24 FRANTURES - RUBBLY CORE - LIMONING STRING & ?<br>B. 20 - 9.10 FRACTURED AND RUBBLY GRE - LIMONICS STRING                                                                      | a?) |            |      |      |     |
| -                 |            |           |           |                                       | 11.02-14.86 BEALTY AND FRANCIERS CORE<br>- FRACMONTS GENERally consist of OTZ rich                                                                                                 |     |            |      |      |     |
| [                 |            |           |           |                                       | - FRACMONTS cenerally consist of orz rich<br>horizons + Fragmented gtz verns - width<br>and structural relation unknown                                                            |     |            |      |      | · - |
| - 15              |            |           |           |                                       |                                                                                                                                                                                    |     |            |      |      |     |
| -                 |            |           | 3         |                                       |                                                                                                                                                                                    |     |            |      |      |     |
| F                 |            |           |           |                                       | 19.73 - 23.58 Wall SURICIFIED - CLEY SURTHS WE TH                                                                                                                                  |     |            |      |      |     |
| 20                | ·          |           |           |                                       | FRACOUNTED SU CHS                                                                                                                                                                  |     |            |      |      |     |
|                   |            |           |           |                                       | · · · · · · · · · · · · · · · · · · ·                                                                                                                                              |     |            |      |      |     |
| Þ<br>I            |            |           |           |                                       |                                                                                                                                                                                    |     |            |      |      |     |
| - 25              |            |           | \$        | 1                                     | 26.60 - 28.96 WELL SERIELTING - CLAY SEAMS WITHIN<br>BLOWY AND ERAMONDOR ROCK                                                                                                      |     |            |      |      |     |
| F                 |            |           |           | · · · · · · · · · · · · · · · · · · · |                                                                                                                                                                                    |     |            |      |      |     |
| F<br>F            |            |           |           |                                       |                                                                                                                                                                                    |     |            |      |      |     |
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|                                                          |                                       |                   | 1                  | T               |                          | 0/ 1 | - <u>67</u> - T | 0/        |
|----------------------------------------------------------|---------------------------------------|-------------------|--------------------|-----------------|--------------------------|------|-----------------|-----------|
| MINERALIZATI                                             |                                       | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER          | %    | %<br>Mo         | %         |
| <u></u>                                                  |                                       |                   |                    |                 |                          |      | 110             |           |
|                                                          |                                       |                   |                    |                 |                          |      |                 | <br>      |
|                                                          |                                       |                   | t                  |                 | ·                        |      |                 |           |
| 5.28 - MOLY WITTIN O'2 - 3<br>5.96 Disseministion Mary 0 |                                       | ಕ                 | Ť.                 |                 |                          |      |                 |           |
| CUTTING OTZ VEON<br>7.43 - 8.03 OTZ VEONS = Icn          | Py =10-15%                            |                   | <u> </u>           |                 |                          |      |                 |           |
| TRACE AMOUNTS MOL<br>Within Shears Abon                  | y - generally<br>c FLANAS OF NEWS     | -                 |                    |                 |                          |      |                 |           |
|                                                          |                                       |                   | T                  | 30              | 1201<br>2.92 REL.        |      | .035            | · <b></b> |
| B.42 SMALL DT 2 VEIN //<br>MINOR MOLY                    | FOURTIN WITY                          |                   | - 8.0              |                 |                          |      |                 |           |
| ·····                                                    |                                       |                   |                    |                 |                          | -    |                 |           |
| 11.28 -14 33 - FALLS OF CON<br>VICINS PRESORU            | 62 Generally or .                     |                   |                    | Зm              | 1202<br>1. <b>85</b> REL |      | .029            |           |
| Some contain .<br>- STRUCTUPAL CA                        | MINIOR Outs MOLL                      |                   | - 11.0             |                 |                          |      |                 |           |
|                                                          |                                       |                   |                    |                 |                          | ,    |                 |           |
|                                                          | · · · · · · · · · · · · · · · · · · · |                   | T                  | 3.0<br>m        | 1203<br>1.80m REC.       |      | .036            |           |
|                                                          |                                       |                   | T                  |                 |                          |      |                 |           |
|                                                          |                                       |                   | - 14.0             |                 |                          |      |                 |           |
| ······································                   |                                       |                   |                    | 30<br>m         | 1204<br>2.40m Rec-       |      | 024             |           |
|                                                          |                                       |                   | 17.0               |                 |                          |      |                 |           |
|                                                          |                                       |                   | T''''              |                 |                          |      |                 |           |
| 19-73-23.58 - Minor Mous<br>OT2 VEINS F                  | ORMING FRAGEWAR                       | . <               | Ť                  | 3.0<br>m        | 1205<br>1.8m REC.        |      | .027            |           |
| 20.32 - Small Orz Jein                                   | trace Moly                            |                   | 20                 |                 |                          |      |                 |           |
|                                                          |                                       |                   |                    | 3.0             | 1206                     |      | .031            |           |
|                                                          | · · · · · · · · · · · · · · · · · ·   |                   | Ť                  |                 | 1.56 REC                 |      |                 |           |
|                                                          | <u> </u>                              |                   | $L_{23}$           |                 |                          |      |                 |           |
|                                                          |                                       |                   |                    |                 |                          |      |                 |           |
| 24.34 - Disseminatus M.<br>25.08 - Dis. Mary IN SA       | Duy IN SCHINT.                        | :                 | Ť                  | <i>9.0</i><br>m | 1207<br>30m REL          |      | .039            |           |
| Il FOLIATION                                             |                                       | 1 1 1             | 26                 |                 |                          |      |                 |           |
|                                                          |                                       |                   |                    |                 | 4                        | ÷    | +               | +         |

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HOLE NO. 13

COMPOSITE ASSAYS

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WP-6275C

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28-96 - TRALE MOLY AN TIMY 972 SURA // For.

89.28 · ADD MOLY IN 2CM WIND OF USA AFOLIATION

39.54 - TRALS MOLY - SMALL OF 2 WM/1 FOL.

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| WP-6275           | B          |           |                        |                                                                                                        |          |          |          |          |           |
|-------------------|------------|-----------|------------------------|--------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------|
| PAGE              | Ч          | 0         | F 21                   | PROJECT: SULPHURETES                                                                                   | ,        |          | NO.      | 13       |           |
| s)                | λ          | δ         | Щ.                     |                                                                                                        | _        | AL1      | ERA      | ION      |           |
| DEPTH<br>(METRES) | %Core Recy | LITHOLOGY | STRUCTURE              | GEOLOGICAL DESCRIPTION                                                                                 |          |          |          |          |           |
|                   |            |           |                        |                                                                                                        | ļ.       |          |          |          |           |
|                   |            |           | )<br>B                 |                                                                                                        |          |          |          | •••• - • | . t       |
| -                 |            |           |                        |                                                                                                        |          |          |          | · • •    |           |
| •                 |            |           | · · ·                  | 34.44- 34 75 + WELL SURICITIZED, FRAL, CLAY DURME                                                      |          |          |          |          |           |
| -                 |            |           | 65                     | 35 95 - 35.98 - megulos Nautz OFZ Van - Ciron NO Sulfide                                               | •        |          |          |          | . <u></u> |
| 35                |            |           |                        |                                                                                                        | -        |          |          |          |           |
| -                 |            |           |                        |                                                                                                        |          |          |          |          |           |
|                   |            |           | 5                      |                                                                                                        |          |          |          |          |           |
| -                 |            |           | $\left  \right\rangle$ | 38.41 - 38.72 - Well Servicitized and Fractured Core : Fring                                           |          |          | ·        |          |           |
| -                 |            |           |                        | PRIMERICY BROCHUN OTZ VEINS SARKTURAL<br>ASSOCIATION? - MOLY IN SOME OFZ PARAS.                        | 1        |          |          |          |           |
| <u> </u>          |            |           |                        | 39.10 - 39 30 - FRACTURE - CODE SUBJETTIZED TRAVABLE                                                   | 1        |          |          |          |           |
| -                 | -          |           |                        | 3968 - 39.82 · FRACTURED CORE (FRACTURE HUMOTON)<br>4146 - 41-78 - FRACTURE CORE - FRACTURE SECURITION | - 17     |          |          |          |           |
| -                 |            |           | $\left  - \right $     | - Small Frag at 41.52 contains at vern net<br>in my ciem @ 30 + 6 Ca.                                  |          |          |          |          |           |
| -<br>             |            |           | 45                     |                                                                                                        |          |          | <u> </u> |          | $\vdash$  |
| -                 |            | -         | $\square$              | 44.91 - 43.31 - FROLFURY 2 ? - RUBRLY AND BRAL CONC                                                    |          | <u> </u> |          |          |           |
| - 45              |            |           |                        | - UCRY FRRAMINTUM CORE                                                                                 | ╂—       | ╂        |          |          |           |
| -                 |            |           |                        | 4785 - 48.25 - BWINY Y RUSAL, LOAC                                                                     |          |          |          |          |           |
|                   |            |           |                        |                                                                                                        |          | -        |          | ╂──      |           |
| _                 |            | .<br>     | Ľ١                     |                                                                                                        |          |          |          | -        |           |
|                   | 1          |           |                        |                                                                                                        |          |          |          | <b> </b> |           |
| 50                | <b></b>    |           |                        | 150.75- 50 85 - SMALL SHEAR - WELL SCARENTIZED - CORE<br>WAY SEAT - CLAY SCAMS                         |          |          | <u> </u> | <u> </u> |           |
| Γ,                |            |           |                        | 51.80 -52.42 - FRACTURE - RUBBLY AND WELL SCRICTION<br>FORE V.6 FY SULM 51.80                          | ۳<br>    | · · ·    |          |          |           |
| ſ                 |            |           |                        |                                                                                                        |          |          |          |          | <br>      |
| ľ                 |            |           |                        | 5455 - 54.68 SHULR - WELL SCRILIFIZOD AND SOFT                                                         |          |          |          |          |           |
| ŀ                 |            | ┫━━━      | ╏╴╏                    | 34.75- 34.85 - BIL VEINS H- SUBH FOLGATED - MOLY TANK                                                  |          |          |          |          |           |
| ŀ                 |            |           | 4                      |                                                                                                        |          |          |          | 1        |           |
| -35               |            | <u></u> † |                        | 5.65 -56.70 CLAY SUAM - SMELL SHOPP.                                                                   |          |          |          |          |           |
| ╞                 | -          |           |                        | \$7.40 - 57.52 - FRACTURE C? FRACMINICO CORS                                                           |          |          |          | -        |           |
| ŀ                 | $\vdash$   | <u> </u>  | 65.                    |                                                                                                        |          |          | • ·: ·   |          |           |
| ŀ                 | -          |           |                        |                                                                                                        |          |          | <b>†</b> |          |           |
| ŀ                 |            |           |                        |                                                                                                        |          |          |          |          |           |
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| PAGE 5 OF 21 PROJECT:                                                    | 1                 |                    |                 |                  | %        | %        | %        |           |          | COMPOS   |
|--------------------------------------------------------------------------|-------------------|--------------------|-----------------|------------------|----------|----------|----------|-----------|----------|----------|
| MINERALIZATION<br>DESCRIPTION                                            | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER  |          | Mo       |          |           |          | ASSAYS   |
|                                                                          |                   |                    | 3.0             | 1209<br>No 6955  |          | .033     |          |           |          |          |
| 32.61 - Small OTZ YEIN // FOLIPTION TRIAS<br>mous                        |                   | - 32               |                 |                  |          |          |          |           |          |          |
| 32.78 - TRACE MONY 11 FOLGTION                                           | 1                 |                    |                 |                  |          |          |          |           |          |          |
|                                                                          |                   | -                  | 3.0             | 1210<br>2.60 REC |          | .022     |          |           |          |          |
| 34.44 - 34.75 TRALE MOLY WITHIN OT 2 ARAG.<br>REMINICATS OF OT VEINS NOW |                   |                    |                 | C.IGM NOC        |          | 1        |          |           |          |          |
| DISTROYED BY SHEARING                                                    |                   | 35                 |                 |                  |          |          |          |           |          | ·····    |
| 37.85 - OTZ VEN WITH TRACE MOLY CIO                                      | 7                 | ┢                  |                 | 1211             |          | . 027    |          |           |          |          |
| 38.10 . OT WEN CIEM TR. MOLY                                             |                   | ┢                  | <u></u>         | 2.52 m REC       |          |          |          |           |          |          |
|                                                                          |                   | - 38               |                 |                  |          |          |          |           | v_       | <u> </u> |
|                                                                          |                   | ┢                  | 3.0             | (212             |          | . 024    |          | ~~        |          |          |
| 41.56 - 5MALL OTZ UCIN ZMM WIDE WITH                                     |                   |                    | m               | No 2033          |          |          |          |           |          |          |
| 6000 mary allalory 11601.                                                | <u>.</u>          | - 41               | <u> </u>        | <u> </u>         |          |          |          |           |          |          |
| 41.96 - TRACE The AN OF 2 VEIN SIEN<br>WIDE - GOOD BY CROSS CUTS         | · ·               | <br>+-             |                 | 1213             | <u> </u> | .023     |          |           |          |          |
| FOLIATION @ 25" TO CA.                                                   | <u> </u>          | <u> </u><br>₩.     |                 | 2.66 m REG       |          |          |          |           |          |          |
| 42 12 - 412.18 PY SURM WITH OF2<br>VEIN + 35 TO PY                       |                   | - 44               |                 |                  |          |          |          |           |          |          |
| 44.91 - 45 31 · FRACE Min With FRANKER<br>SCANWIS OF FRACTURE            | ·                 |                    |                 |                  | <u> </u> |          |          |           |          |          |
|                                                                          |                   |                    | 3.0m            | 1214             |          | .012     |          |           |          |          |
|                                                                          |                   | 47                 |                 | 1.45 + RGC       | ·        |          |          |           |          |          |
|                                                                          | 1                 | +- <b>1</b> /      |                 |                  |          |          |          |           |          |          |
| 49.95 Py ULIN = 3cm HIDE - VIS                                           |                   | Ť                  | 3.0<br>M        | 1215<br>No 6035  |          | .019     |          |           |          |          |
| OTZ UCIN.                                                                | 1                 | +-                 |                 | //               | 1        | 1        |          | <u> </u>  |          |          |
| 53.95 - TRACE MO IN Small OT VE A                                        |                   | 50                 |                 |                  | 1        | -        |          |           |          |          |
| 6 lem wide                                                               | -                 | Ļ                  | 30.             | 1216             | +        | .625     |          |           |          |          |
| 32.56 - Py VEIN - ZEM WIDE WITH _<br>TRACE Mary - OTZ VEIN.              |                   | +-                 |                 | 2.35 REL.        |          | +        |          |           |          |          |
|                                                                          | <u> </u>          | -53                |                 | <u> </u>         |          |          |          |           |          |          |
| 54.75- 54.85 - TRALE MOLY ON MAIN                                        | 445               | ╞                  | 30              | 1217             |          | . 02.5   |          |           |          |          |
| OF OTZ UENS.                                                             |                   | ┢┉                 |                 | 244 REL          |          | <u> </u> |          | ļ         |          |          |
|                                                                          |                   | -56                | <u> </u>        |                  | -        |          |          | <u> </u>  |          | <b></b>  |
|                                                                          |                   | <b>_</b>           | 1               | 1218             | <b>.</b> | .010     | <b> </b> |           | ┨───     |          |
|                                                                          |                   | $\downarrow$       |                 | 2.2im REC.       |          |          | <u> </u> | <b> </b>  | <b> </b> |          |
|                                                                          |                   | - 59               |                 |                  |          |          | <u> </u> | · · · · · | <u> </u> |          |
| 60.10 - TRACE MO IN OTZ USW //<br>FOLLINTION                             |                   |                    |                 |                  | -        |          |          |           |          |          |

| WP-6275           | в          |           |                  |         |                                                                                                                      |           |          |          |          |          |           |
|-------------------|------------|-----------|------------------|---------|----------------------------------------------------------------------------------------------------------------------|-----------|----------|----------|----------|----------|-----------|
| PAGE              | 6          |           | - 2              | / PROJE | Ст:                                                                                                                  | н         | OLE      | NO.      | 13       | 3        |           |
| DEPTH<br>(METRES) | %Core Recy | ΓΙΤΗΟΓΟGY | STRUCTURE        |         | GEOLOGICAL DESCRIPTION                                                                                               |           | ALT      | ERAT     |          |          | . ]       |
|                   | %<br>·     |           | <del>ن</del><br> |         | 60.05 - 60.45 FRALTURE - FRAL + RUBBLY CORE                                                                          |           |          |          |          |          | <u>مت</u> |
|                   |            |           |                  |         | 61.16 - 63.10 - BROCHEN AND CRUMBLY LORG - SOME NARROW<br>LLAY SGAMS                                                 |           |          |          |          |          |           |
| ₽-<br>            |            | · · · ·   |                  |         |                                                                                                                      |           |          |          |          |          |           |
| [                 |            | ··        |                  |         | 63.55 - 63.98 - EXTENSIVELY SEEICHTTED AND FRIEBLE<br>- LARGLY COMPUSIED OF CLAY BEIGARL?                            |           | ·· ·     |          |          |          |           |
| - 65              |            |           |                  |         | PROBABLY // POLIATION                                                                                                | · · · · • |          |          |          |          | -         |
| $\mathbf{F}$      |            | :<br>     |                  | <u></u> | 66.24 - 66.94 - SHEAR ZONE - SERVICE LUKY WITH SMALL<br>FRAMMUNTS OF GTZO RICH VEINS PRESCRUED<br>WITTIN             |           |          |          | · · · ·  |          | I         |
| -                 |            |           |                  |         | 49.25 - OTZ VEINS + 3-4 CM WIDE - UN MOLY AND CHALLO                                                                 |           |          |          |          |          | I         |
| ŀ                 |            |           | 60               |         | 69.45 - OTZ VEIN & BER WIPE II + SUB / FOLIATION                                                                     |           |          | <i>.</i> |          | <u> </u> | I         |
| <b>-</b>          |            |           | 3                |         | 69.70 - 73.56 - VERY WELL SORCITIZOD, WILL FOLLAR                                                                    |           |          |          |          |          | í         |
| - 70              | <u> </u>   |           |                  |         | ROCK WITH NUMBOUS RUBBLY AND<br>FRAGMONTON SUGMENTS. SMALL<br>CLAY SEAMS NOTION WITH MORE                            |           |          |          |          |          |           |
| F                 |            |           |                  |         | HUAREN SOLES BUT NOT YOLL DOUGLOSED                                                                                  |           |          |          |          |          |           |
| [                 |            |           | 2                |         |                                                                                                                      |           |          |          |          |          | l         |
|                   |            |           |                  |         | 74.39 - 74.49 - FRACTURE 20" TO CA                                                                                   | - 44      |          |          |          |          |           |
| - 75              |            |           | 45               |         | 76.51 - 76.61 - WELL SURVEITIZED FRACTURE SONT AND                                                                   |           |          |          |          |          | -         |
| -                 |            |           | ्म०              |         | CASILY CRUMBLED                                                                                                      |           |          |          |          |          |           |
|                   | -          |           |                  | 78.33 - | OTZO - FELDSPATHIC ROCK                                                                                              |           |          |          |          |          |           |
| -                 |            |           |                  | 107.40  | + LT TO MEDNIM GR TO PALE GREEN GREY, FINE<br>TO MOD GRAINED .                                                       |           |          |          |          |          |           |
| F .               |            |           |                  |         | - FOLIATION MODERSTLY DEVELOPED AND MORE AND<br>DETECTION ALONG THE FINER BARINED HORIZONS                           | 25,000    | 1        |          |          |          |           |
| -20               |            | 1         |                  |         | - OTZ VEINS MODURARY DUNSE - REMORENCY //<br>FOLLATIONS > C IEM - LOUALLY X COTTA                                    |           |          | <u> </u> |          |          |           |
| [                 |            |           |                  |         | * SOMMANT WOULD THAN ISM                                                                                             | ~~        |          |          | ···· ··  | ·        |           |
|                   |            |           |                  | <br>    | AS 15-207, PORMING MORE CONCINTRATION BLOG<br>AND PATCHLIORHS.<br>- JOAIZONS OF MORE CHLORIFIZED ALTORATION          | 1         | +        |          |          |          | •         |
| -                 |            | ·         | +                |         | - TORIZONS OF MORE CHEANING JERMENTS<br>PRIMARILY IN FINER GRAINER JERMENTS<br>- UNITS ARADES FROM SURICITY SCHIST Y |           |          | [        |          |          |           |
| - 85              |            |           | <br>             |         | PROBABLY RUTREDUNTS LESS SHEARUD                                                                                     |           | <b> </b> |          | <u> </u> |          | +         |
| <b> </b>          | <b> </b>   |           |                  |         | - SOME ANALLAR RELECT FRASS NON<br>STRETCHED ALONG POLATION PLANS                                                    | <br>      |          | +        |          |          |           |
| ł                 | -          |           |                  |         | -UNIT IS MORE COMPETANT WITH LATTLE                                                                                  |           |          | <u> </u> |          |          | ].        |
| ł                 | <b> </b>   | <u>}</u>  | <b>.</b>         |         |                                                                                                                      |           |          |          |          |          |           |
|                   |            |           | -+-              |         |                                                                                                                      |           |          |          |          |          | ]         |
| • <del>•</del>    |            | ••        |                  |         |                                                                                                                      |           |          |          |          |          |           |

| page 7 of 21                               | PROJECT:                | Su                 | LPHUR              | ETE             | 3                  |          |             |            |                          |          | HOLE NO. 13         |
|--------------------------------------------|-------------------------|--------------------|--------------------|-----------------|--------------------|----------|-------------|------------|--------------------------|----------|---------------------|
| MINERALIZATI<br>DESCRIPTIO                 | IN .                    | TOTAL<br>SULPHIDE  | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER    | %        | 96<br>Mo    | %          |                          |          | COMPOSITE<br>ASSAYS |
| 60.35+60.45 TRACE MOL                      | the within and the work |                    |                    | 30<br>m         | 1219<br>1.05 m Réc |          | .013        |            | <u> </u>                 | <u> </u> | +                   |
|                                            |                         |                    | 62                 |                 | · ···              |          |             |            |                          |          |                     |
|                                            |                         |                    |                    |                 |                    | -        |             |            |                          |          |                     |
|                                            |                         |                    | Ľ                  | 3.0<br>M        | 1220<br>1.22m REC  |          | .018        |            |                          |          |                     |
|                                            |                         |                    |                    |                 |                    |          |             |            |                          |          |                     |
| 69.25 OTZ VEIN WITH<br>69.45 OTZ VEIN WITH |                         |                    |                    |                 |                    |          | . 1         |            | <u> </u>                 |          |                     |
|                                            |                         |                    | ]                  | 3.⊃<br>€        | 1221<br>1.44 REC.  |          | 013         |            |                          |          |                     |
| 67.00 - 76.0 meters M                      | locy occurs ps          | <u> </u> '         | - 68               |                 |                    | <u> </u> |             |            | <br>                     | <b></b>  |                     |
| DISSEMINATION C                            | IPLADES OF              |                    |                    |                 |                    | <b></b>  |             | ļ          | ļ!                       | · · ·    |                     |
| FINE CANTE LAM.<br>- SOME MORE C           | ORKINTRETOD             |                    | <u>.</u>           |                 | 1222<br>2.46n REC  | <b> </b> | . 011       | !          | <b>↓</b> !               | <b> </b> | 4                   |
| PRTUIES NOTUD C<br>BRE MORE STR            |                         | <u> </u>           | 71                 | ······          | .<br>              | <b></b>  | ļ           |            | <u> </u><br><del> </del> | <b> </b> | ļ                   |
|                                            |                         | <b> </b>           | <b>↓</b>           |                 | 1223               | <b> </b> | 016         | ļ'         | <b> </b> '               | <b> </b> | · · ·               |
| -                                          |                         | <b> </b>           | F                  |                 | 1223<br>221m REC.  | <b> </b> |             | <b> </b> ' | <b> </b> !               |          | · ·                 |
|                                            |                         | <b> </b>           | - 74               |                 | !                  | <b> </b> | <u> </u> !  | <u> </u>   | <u> </u> '               |          | <u> </u>            |
| <u></u>                                    |                         | <u> </u>           | <b> </b>           | 30              | 1224               | <b> </b> | .008        |            | <b> </b> _               | ──       |                     |
|                                            |                         | $\left  - \right $ | +                  |                 | 2.63 REC           |          | <u> </u>    |            | <b> </b> ]               |          | <b>+</b>            |
| <b></b>                                    |                         | ┟╌╴┦               | 77                 |                 | <br>               |          | <u> </u> /  |            | ↓ ·· ·-<br>↓             | _        |                     |
|                                            |                         |                    | +                  | 3.0             | 1225               |          | .007        |            | ┟──┤                     |          |                     |
| 78.23 V.4 py 220%                          | within of ucia          |                    | F                  | [m]             | 2.24 TEC.          |          | <b> </b> '  | <u> </u> ' | ┟╌╌┙                     | <u> </u> |                     |
| <b>/</b>                                   |                         |                    | - 80               |                 |                    |          | <b> </b> /  | <br>       |                          |          | · · ·               |
| ·                                          |                         | $\left  - \right $ | F                  | 30              |                    |          | .008        |            |                          | <u> </u> |                     |
| 84.93 - TRACE MOL                          |                         |                    | ŀ                  | -               | 2.72m REC.         |          | <u> </u>    |            | <b>ا</b>                 |          | · · · · · · ·       |
| VEAN // FOLIAS                             | אסו                     | <b> </b>           | - 83               |                 | · · ·              | -        | <br>        |            | <b>↓</b> ┦               | <u> </u> | <u></u>             |
|                                            |                         |                    | ſ                  | 3.0             | 1                  |          | .637        |            | <br>                     |          |                     |
| 85.36 - NARROW OF 2 VE                     |                         |                    |                    | - <b>m</b>      | N0.4035            |          | •<br>•<br>• | !          |                          |          | · · · · ·           |
| POLIATION WITH TR.A                        | to y                    |                    | - 86               |                 |                    | · -      |             |            | <u> </u>                 |          | +                   |
| 87.0 - Mary within 012 V                   | ION JUBA FL.            |                    | ſ                  | 3.0<br>m        | 1228<br>No 6035    |          | .012        | · · · ·    |                          | <u> </u> |                     |
|                                            |                         |                    | - 89               |                 |                    |          |             |            |                          |          |                     |
|                                            |                         | +                  |                    |                 | [!                 | <b> </b> | '           | [          |                          |          | -                   |

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| PAGE              | B<br>P3    | 0            | F 2                    | I PROJECT:                                                                                                                                                |             | HOLE         | NO.      | 13       |                 |
|-------------------|------------|--------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|----------|----------|-----------------|
|                   | <u> </u>   |              |                        | 1                                                                                                                                                         |             |              | TERA     |          |                 |
| DEPTH<br>(METRES) | %Core Recy | гітногосу    | STRUCTURE              | GEOLOGICAL DESCRIPTION                                                                                                                                    |             |              |          |          |                 |
|                   |            |              |                        | 90.03 OFZ VEIN 104 50 CA SUB/ FOLIATION & ICH WA                                                                                                          |             |              |          |          |                 |
|                   |            |              |                        |                                                                                                                                                           | ·           | <sup>1</sup> |          |          |                 |
|                   |            |              | 25.40                  |                                                                                                                                                           |             |              |          |          |                 |
|                   |            |              | 32                     | 93.47 OTZ VEIN // FOLIATION & Ich wide.                                                                                                                   | · ·         | <del>.</del> |          |          |                 |
| -95               |            |              |                        |                                                                                                                                                           | <u> </u>    |              |          |          |                 |
| , -               |            |              | 35-40                  | 95.82 -95.92 OFZ UCIN - ERREAULAR > PATCMY - 6000 py # 2090                                                                                               |             |              |          |          | ·               |
|                   |            |              |                        |                                                                                                                                                           |             | • • • • •    |          |          | ·'·             |
|                   |            |              | 33                     |                                                                                                                                                           |             |              | ┨──-     |          |                 |
|                   |            | - a. a. d. e | $\sum$                 |                                                                                                                                                           |             |              | 1        |          |                 |
| -100              | <u> </u>   |              | 35                     |                                                                                                                                                           |             | 1            | 1        |          |                 |
|                   | <b> </b>   |              | $\sum$                 | 104.28 -104.32 OFZ VEINS * 1cm WIDL - 11 to SUB !!                                                                                                        |             |              |          |          |                 |
|                   |            |              | 35                     | FOURTION DE RESELIETION MINIPELIZEZ                                                                                                                       |             |              | 1        |          |                 |
|                   |            |              | $  \rangle$            |                                                                                                                                                           |             | -            |          |          |                 |
|                   | <u> </u>   |              | 32                     | 107.40 - ALTERED TUFF :                                                                                                                                   |             |              |          |          |                 |
| - 105             |            |              | $\left  \right\rangle$ | B.14m FINCE GRAIN MORE CHLORIFIC HORIZON                                                                                                                  |             |              | <u>↓</u> |          |                 |
|                   |            |              | <b>_</b>               | FORMING IRRUGULAR PRICHWARTS IN<br>ALFURATION AND INTRUDUM BY SMALL                                                                                       |             | +            |          |          |                 |
|                   |            |              |                        | - PATCHANORHS CONFORM TO FOUNTION.                                                                                                                        |             |              |          | · · -    | · · · · · · · · |
|                   |            |              | 35                     | - PEDSIBLE ALTURED TUPPALEOUS<br>POLK - SOME ELONGATI PRAGS, ANTEC                                                                                        |             | <u> </u>     |          |          |                 |
|                   |            |              |                        | - CONTRCT WITH ABOUE UNIT GRADATION<br>AND APPECARS TO BE MASHED BY IRI                                                                                   | 244         | -            | <u> </u> |          |                 |
| -110              | $\vdash$   |              | *                      | OTZ VEINING NETWORKS BELOW                                                                                                                                |             |              | <u> </u> |          |                 |
|                   |            |              | ₹                      | 108.14 - 129.6 ALTERED VOLCANICS (AS FOR 78.33-107.40m)<br>- SLIGHTLY MORE MARKENATED WITH                                                                | · · · · · · |              |          |          |                 |
|                   |            |              |                        | OTZ VEINIS NETWORKS,<br>IK.00-116.75 OTZ VEIN NETWORK - JARELULAR - NO 6000<br>STRUCTURAL CHARACTURISTICS - TRANDARESSESS<br>INTO MERSE OTZO RICH ENRISON | ·           |              |          | <b>†</b> |                 |
|                   |            |              |                        | -MADIS FOLLATION                                                                                                                                          |             |              |          |          |                 |
|                   |            |              | ·                      |                                                                                                                                                           |             |              |          | <b>†</b> |                 |
| -115              |            |              | ,                      | 119.96 FOLIATION BEGINS STEEPONING + OTZ VEINI<br>BELOMES MORE PROLIFIC - VEINS GOVERAL                                                                   |             |              |          |          |                 |
|                   |            |              |                        | LISM WIDE                                                                                                                                                 |             |              |          |          |                 |
|                   |            |              |                        | - OTZ VEINS (2) 5-10° NTO CA MO<br>MADI FOLIATION - IN SOME CASES THEY<br>APPEAR TO BE RELATED TO FOLIATION                                               | -           |              | ·        |          |                 |
|                   |            |              |                        | CHANGE ?                                                                                                                                                  |             |              |          |          |                 |
|                   |            | $\vdash$     |                        |                                                                                                                                                           |             |              |          |          |                 |

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| AGE 9 OF 21 PROJECT:                                                  | SUL               | PHUR               | ETE             | ís.              |   |         |   | <br>HOL | e no. /3                    |
|-----------------------------------------------------------------------|-------------------|--------------------|-----------------|------------------|---|---------|---|---------|-----------------------------|
| MINERALIZATION<br>DESCRIPTION                                         | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER  | % | %<br>M∎ | % |         | COMPOSITE                   |
|                                                                       |                   |                    | 3.0             | 122.9<br>No 6055 |   | .009    |   |         |                             |
|                                                                       |                   | -                  |                 |                  |   |         |   |         |                             |
|                                                                       |                   | - 92               |                 |                  |   |         |   |         |                             |
|                                                                       |                   | -                  | 3.0             | 1230<br>No Loss  |   | .009    |   |         |                             |
| 95.72 - TRACE MOLY WITH MINE LAMIN ATUD<br>072 DERINGUAR // FOLIATION |                   | -<br>95            |                 | No LOSS          |   |         |   |         |                             |
|                                                                       |                   |                    |                 |                  |   |         |   |         |                             |
| 16.34 - TRACE MOLY IN ASSOCIATION WITH<br>VERY THIN OT LUCIN          |                   |                    | 3.0.<br>m       | 1231<br>No 1053  |   | .006    |   |         |                             |
| 97.82 - SMALL OF 2 VEIN WITH TA MO                                    |                   | -                  | -               |                  |   |         |   |         |                             |
| SUB // FOLIATION                                                      |                   | - 98               |                 |                  |   | 1       |   |         | ,, ,, , , , , , , , , , , , |
|                                                                       |                   | -                  |                 | 1232             |   | ,011    |   | [       |                             |
| 101.82 - FINE GR. MOLY WITHIN SMALL                                   | <b> </b>          |                    | <u> </u>        | NO LOSS          | 1 | 1       |   |         |                             |
| X WITTING OT 2 STRINGER - CHI.<br>ALTERATION AROUND OT 2.             |                   | - 101              |                 | <u> </u>         |   |         |   |         |                             |
| 28.92- 104 - TRALE MOLY WITHIN<br>SMALL OF UCINS LICH                 |                   | -                  | 3.0             | 1233<br>NO 1035  |   | ,012    |   |         |                             |
| WIDE CONFORMAGEN TO<br>FOLLATIONS - X CUTTING                         |                   |                    |                 |                  |   |         |   | <br>    | <u> </u>                    |
| VEINS WHITCH AND CONTRIN<br>Dy = 10%                                  |                   | - 104              |                 | 1                |   |         |   |         |                             |
|                                                                       |                   |                    |                 | 1234<br>No 6053  |   | . 010   |   |         |                             |
|                                                                       |                   |                    |                 |                  |   |         |   |         |                             |
| 108 75 - TUFFACCOUS ROCK - MINOR CHALLO,                              | ·                 | - 107              |                 |                  |   |         |   |         |                             |
| 109.28 - TRALE MO WITH THIM OF 2<br>STRINGER I FOULIAFIEN             |                   | T                  | 3.0<br>m        |                  |   | .015    |   |         | <del></del>                 |
| JANGL // / Jan 10                                                     |                   |                    |                 |                  |   |         |   |         |                             |
| 111.46 - MINOR MOLY IN OTZ RICH SUG.                                  |                   | $\Box'''$          |                 |                  |   | i       |   |         |                             |
| OF OF 20 EXLOSPATIAL ROCK<br>CONFORMABLE TO FOURTION                  |                   | †                  | 3.0             | NO 4035          |   | ,010    |   |         | <br>                        |
|                                                                       |                   |                    |                 |                  |   |         |   |         |                             |
|                                                                       | +                 | - //3              |                 |                  |   |         |   |         |                             |
|                                                                       | 1                 | t                  | 3.0<br>Ta       | 1                | 1 | .006    |   |         |                             |
| <u> </u>                                                              |                   |                    |                 |                  |   |         |   |         |                             |
|                                                                       |                   | - 116              |                 |                  |   |         |   |         |                             |
|                                                                       |                   | <u>†</u> .         | 3.0             | 1238             |   | . 006   |   |         |                             |
|                                                                       |                   |                    |                 |                  |   |         |   |         |                             |
|                                                                       |                   | + 119              |                 |                  |   |         |   | <br>    |                             |

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| WP-6275           | БB         |                                       |                       |                      |                                                                                                                                                                                                       |          |          |          |           |                          | ı.       |
|-------------------|------------|---------------------------------------|-----------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|-----------|--------------------------|----------|
| L                 | 10         |                                       | FZ                    | PROJE                | Ст:                                                                                                                                                                                                   | +        | OLE      | NO.      | 13        | ;                        |          |
| н (î              | ecv        | QG√                                   | E E                   |                      |                                                                                                                                                                                                       |          | ALI      | ERAT     | ION       |                          |          |
| DEPTH<br>(METRES) | %Core Recy | ГІТНОГОСУ                             | STRUCTURE             |                      | GEOLOGICAL DESCRIPTION                                                                                                                                                                                |          |          |          |           |                          |          |
|                   |            | ·                                     |                       |                      |                                                                                                                                                                                                       |          | ···· •·  |          |           | •                        |          |
|                   | <u> </u>   | loe                                   | 200                   |                      | 122.0 - 124.0 - OTZ VEIN OR VEINS ? RUNNING NEAR // TO CA                                                                                                                                             | -        |          |          |           | ·                        |          |
| _                 | <b></b>    | Ц.                                    | <u> </u>              |                      | 10% IN AND ALONG BOUNDARIUS - SOME                                                                                                                                                                    |          |          |          |           |                          |          |
|                   |            |                                       |                       |                      | PATCHES AND PY. BLOGS NOTED LOCALLY                                                                                                                                                                   |          |          |          |           | <br>                     |          |
| -                 |            | <u>.</u>                              |                       |                      |                                                                                                                                                                                                       |          |          |          |           |                          |          |
| -                 |            | ;<br>;                                |                       |                      | 184.05 -124.12 OTZ VEIN, GREY WHITE WITH NO PY OR MIN.                                                                                                                                                |          |          |          |           |                          |          |
| -125              |            |                                       |                       |                      | PALL ARELEN ALTERATION ADDIS FRINCE                                                                                                                                                                   | <u></u>  |          |          |           |                          | <b>—</b> |
| <b>,</b>          |            | ن                                     |                       |                      | 126.0 - 133.0 - VERY GOOD OT 2 VEINING AT 20° TO                                                                                                                                                      | • •      |          |          |           | - 12 - 1<br>- 1          |          |
| -                 |            |                                       |                       |                      | CA. GEWORALWY LICM WIDE AND LACK                                                                                                                                                                      |          |          |          |           |                          |          |
| -                 |            | <u> </u>                              |                       |                      | - SOME CONTAIN MO                                                                                                                                                                                     |          | ·· ·     |          |           |                          |          |
| -                 |            | - 7.                                  |                       |                      |                                                                                                                                                                                                       |          |          |          |           |                          |          |
|                   |            |                                       |                       | 1224 = 730 = 5       | ALTERED TUFFALEOUS Rx - (Los Tuff? - )                                                                                                                                                                |          |          |          |           |                          |          |
| -                 | -          |                                       |                       | 127.0 EJU,12         | - AT 34 - CO ALDERIC                                                                                                                                                                                  |          |          |          |           |                          |          |
| /30               |            |                                       | 1.0                   |                      | - it grey to medium grey patchy networks.                                                                                                                                                             |          |          |          |           | <b>  </b>                | ┝        |
|                   |            | · · · ·                               | 150                   |                      | - it grey to medium grey patchy networks.<br>- fine graved; some cookser getwood segments.<br>- some frags preserved in gtz vein network in<br>opper segment - become more definite where one veining |          |          |          |           |                          |          |
| -                 |            |                                       | 1.                    |                      | opper segment - become more definite where one verning                                                                                                                                                |          |          |          |           |                          |          |
| -                 |            |                                       |                       |                      | Less interer Fraz usually 1.3 cm lang = 0 dem water<br>= Seriestized + Chloritized Py = 3.59.                                                                                                         |          |          |          |           |                          |          |
| <b>P</b>          |            | :                                     |                       |                      | - above contact masted by Ot Venira - Lower contact<br>gradational with more grains " 500-feld Rr                                                                                                     |          |          |          |           |                          | 1        |
|                   |            | <b>.</b>                              |                       |                      | gradational with note grainy " 5720- July Rr                                                                                                                                                          | · · ·    |          |          | ·         |                          | ł        |
| -/35              |            |                                       |                       |                      | 136-75-139.49 - DART GREY TO LIGREY GREN PORK<br>- OTZO FELOSPATHIC WITH GOOD CHORTE                                                                                                                  |          |          |          |           |                          |          |
|                   |            |                                       |                       |                      | - OTIO FELDS/PATHIC WITH GOOD CMORTE<br>ALTERATION IN CONSUNCTION WITH OTZ                                                                                                                            |          |          |          |           |                          | l        |
| -                 |            |                                       |                       |                      | VEINS. OTZ VEIN FORM IRRES. NETWORKS.                                                                                                                                                                 |          |          |          |           |                          |          |
| _                 |            |                                       |                       |                      | - SOME RELECT FRAGS ?                                                                                                                                                                                 |          |          |          |           |                          | {        |
|                   |            |                                       | ·                     |                      | 135.50 - 135.85 - OTZ WEIN ILFOLIATION - NO SULFINE                                                                                                                                                   | · ·-··   | <u> </u> |          |           | · · · · · ·              | 1        |
| -                 |            |                                       | Yo                    |                      |                                                                                                                                                                                                       |          |          |          |           |                          |          |
| -                 |            |                                       | H                     |                      |                                                                                                                                                                                                       |          |          |          |           |                          |          |
| -/40              |            |                                       | $\square$             |                      | The set of the set of the set of the set of the set                                                                                                                                                   |          |          | <b>_</b> | <u> </u>  | <b> </b>                 | $\vdash$ |
|                   |            |                                       | · .                   |                      | 142.92 - 142.54 - FOURTION CHANNES TO Between 36-62°<br>TO CA ARONNY A WHITE CLEAN OF SULFIC                                                                                                          |          |          |          |           |                          |          |
| F                 | <b> </b>   |                                       |                       |                      | 072 VEIN BETWEEN 142.10-142.20m                                                                                                                                                                       |          | -        |          |           |                          |          |
| -                 |            | <u>.</u><br>1                         |                       | ATTACO               | 143.0-147.0 - DEFENITE ANGULAR FARS GREY CREEN                                                                                                                                                        |          |          | <u> </u> |           |                          |          |
|                   |            |                                       | · · · ·               | VOLCANIC P<br>BROWLA | DEFERINT ALTURATION CHARACTURISTISS                                                                                                                                                                   |          | <u> </u> | ļ        | <u> </u>  |                          | 1        |
| Γ                 |            | ·                                     | • •                   |                      | WITHIN FINE TO MOD GRAINED 0720-                                                                                                                                                                      | •        |          | ·        |           |                          | ł        |
| ┝                 | <b> </b>   | · · · · · · · · · · · · · · · · · · · |                       |                      | FULDSPATHIC ROCH OF SLIGHTLY LIGHTLY<br>COLOR. GREY - FRAS GENURARY < 2                                                                                                                               |          |          |          |           |                          |          |
| _/45              |            |                                       |                       |                      | ILM AND PRIMARILY ELONGATE TO                                                                                                                                                                         | · ·      | ┨──      |          |           | <u>  ·</u>               | ┢        |
|                   |            |                                       | 1                     |                      | FOLIATION.<br>- DIFFICULT TO TRACE DEEPER - APPER                                                                                                                                                     | P5       |          |          | <u> </u>  |                          |          |
| -                 |            |                                       | 0-5                   |                      | TO GRADE BACK TO OTED FOLDSPRINK                                                                                                                                                                      |          | .        | 1        | · · · · · |                          | •        |
| $\mathbf{F}$      |            |                                       | }                     |                      | ROUR WITH LESS FROGS AND GOOD<br>GET USINING NETWORK                                                                                                                                                  |          |          | <b> </b> |           |                          | 1        |
| L                 |            |                                       | 11                    |                      |                                                                                                                                                                                                       |          |          |          | ļ_,       | ┢                        | 4        |
| ſ                 |            |                                       | 5                     |                      |                                                                                                                                                                                                       |          |          |          |           | <b>└</b> ── <b>↓</b> -── | 1        |
| 1                 |            | <u>┫</u> ╌┥╴                          | <b>†</b> - <b>†</b> - |                      |                                                                                                                                                                                                       |          |          |          |           | -+                       | ł        |
| ļ                 |            |                                       |                       |                      | L                                                                                                                                                                                                     | <u> </u> | L.       |          |           | <u>[ !</u>               | J        |
|                   |            |                                       |                       |                      |                                                                                                                                                                                                       |          |          |          |           |                          |          |

### WP-6275C

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| AGE / I OF Z   PROJECT:                            | 1                 | 1                  | T               |                 | %     | %        | a/       | —i       |          | LE NO. 13                             |
|----------------------------------------------------|-------------------|--------------------|-----------------|-----------------|-------|----------|----------|----------|----------|---------------------------------------|
| MINERALIZATION<br>DESCRIPTION                      | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBER | 70    | 70<br>Mo | %        |          |          | ASSAYS                                |
|                                                    | 1                 |                    | 3.0             | 1239<br>No 1055 |       | .009     |          |          |          |                                       |
|                                                    |                   | - 122              |                 |                 |       |          | -        |          |          |                                       |
| ·                                                  |                   | -                  |                 |                 | _     |          |          |          |          |                                       |
|                                                    | •                 |                    | 3.0<br>m        | 1240<br>No 6003 |       | . 008    |          |          |          |                                       |
| 24.25. TRACE MOLY WITHIN OT 2 VEN                  |                   | 125                |                 |                 |       |          |          |          |          |                                       |
| 25. TRACE M. within or vein                        |                   | L.                 |                 |                 |       |          |          |          |          |                                       |
| 25.45 TRACE MO WITHIN OT 2 WON                     |                   |                    | 3.0<br>m        | 1241<br>No 1005 |       | . 007    |          |          | -        |                                       |
|                                                    |                   | - 128              |                 |                 |       |          |          |          |          |                                       |
| TT. O - MOUNT WITHIN UNTY MEMOU OIL USIN           | 1                 | Ļ                  |                 |                 |       | .003     |          |          |          |                                       |
| 28.65, 128.82 TRACE MOLY WITH<br>OTZ UEINS FORMING | <u> </u>          |                    | 3.0<br>m        | 1242<br>No Loss |       | .003     |          |          |          | <u> </u>                              |
| IRREL, AKTWORKS                                    | ļ                 | - 131              | L               |                 |       |          |          |          |          | <u></u>                               |
|                                                    | ļ                 | <b> </b>           |                 | 1-0410          |       |          |          |          |          |                                       |
|                                                    |                   | Ļ                  | 3.0<br>_m       | 1243<br>Notoss  |       | .006     |          |          |          |                                       |
|                                                    | <u> </u>          | - 134              |                 |                 |       |          |          |          |          |                                       |
| 12 March 072 WALN                                  | <b> </b>          |                    | 30              | 1244            |       | .002     |          |          |          |                                       |
| 36.15 - MOLY WITHIN OF 2 UEIN ,                    |                   | <b> </b>           | 1               | No Loss         |       | ·        |          |          |          |                                       |
|                                                    |                   | - 137              | 3.0             | 1245            |       | .004     |          |          |          |                                       |
|                                                    |                   | <b> </b> -         |                 | NoLOSS          |       |          |          | · · · ·  |          | <u> </u>                              |
|                                                    |                   | +                  |                 |                 | · · · |          | ļ        |          |          |                                       |
| 40.90 - 140.95 - OFZ WEIN WITH TR.                 | No.               | 140                |                 |                 |       | <br>     | <u> </u> |          |          |                                       |
| 42.20 TRACE MOLY ON FLAMM OF CLEAN                 |                   | +                  | 30              | 1246            |       | .018     | <u> </u> |          |          |                                       |
| WHITE OF 2 HEM.                                    |                   | ┢                  | m               | NoLoss          | -     |          |          |          |          |                                       |
|                                                    |                   | - 143              |                 |                 |       |          |          |          |          | <u> </u>                              |
|                                                    |                   |                    | 3.0             | 1247            |       | .063     |          |          |          |                                       |
| <u></u>                                            | -                 | +                  |                 | 1               |       |          | <br>     |          |          | · · · · · · · · · · · · · · · · · · · |
| <u></u>                                            |                   | + 146              |                 |                 |       |          |          | ╂───     | <u> </u> |                                       |
|                                                    |                   | ╉                  | 3.0             | 1248            |       | . 001    | <b></b>  | <u> </u> |          |                                       |
|                                                    |                   | +                  | <u>m</u>        | No Loss         |       |          |          | +        | <br>     |                                       |
|                                                    |                   | + 149              |                 | <u> </u>        |       | +        | +        |          | <u> </u> |                                       |

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| PAGE              |          |                 | F 2}                                    | PROJECT:                                                                                                                                               | +   | IOLE     | NO.        | 13        | \$       |
|-------------------|----------|-----------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|------------|-----------|----------|
| H<br>ES)          | tec y    | 067             | TURE                                    |                                                                                                                                                        |     | ALT      | 'ERA'      | TION      |          |
| DEPTH<br>(METRES) | %Core F  | ГІТНОГОGY       | STRUCTURE                               | GEOLOGICAL DESCRIPTION                                                                                                                                 |     |          |            |           |          |
|                   |          |                 | -                                       | M9.5-154.1 . OTZ VEIN NETWORK LESS INTENDS - FRAS MORE OUTLIED<br>FOLLIATION STILL STEEP                                                               |     |          |            | =         | · .÷     |
|                   |          |                 |                                         |                                                                                                                                                        |     |          |            |           |          |
|                   |          | 4"              | 160                                     |                                                                                                                                                        | · · |          |            |           |          |
|                   |          |                 |                                         |                                                                                                                                                        |     |          |            |           |          |
| -155              |          | 1120            |                                         | 1157.1 LEOSS CUTTING OTZ VEIN - CICM WIDE - GLEAN WHITE                                                                                                |     |          |            | · - ·     |          |
|                   |          |                 |                                         | 1157.1 ZEOSS CUTTING OTZUEIN - ZIEM WIDE - GLEAN WHITE<br>NO SULPHIQU CONTENT.                                                                         |     | · · ·    |            |           |          |
|                   |          | X <sup>36</sup> | · • • • • • • • • • • • • • • • • • • • |                                                                                                                                                        |     |          |            |           |          |
|                   |          | <br>            | ┝╌╍┨╼╸                                  |                                                                                                                                                        |     |          | <u>'</u>   |           |          |
|                   |          | 8               | 80                                      |                                                                                                                                                        |     |          |            |           |          |
| -/60              |          |                 |                                         |                                                                                                                                                        |     |          |            |           |          |
|                   |          |                 | + + -                                   |                                                                                                                                                        |     |          |            |           | :<br>    |
|                   | <u> </u> |                 |                                         |                                                                                                                                                        |     |          |            |           |          |
|                   |          |                 | 2                                       | OTZ VEIN NETwork GRADUALLY DIMINISTIS and ADT                                                                                                          |     |          |            |           |          |
|                   |          |                 |                                         | REFERENCE HOST FOLIATION @ 164.54 - GRADPTIONE IN<br>Refer ALTOORTION SCAMENTS - OTE VETTS MORE RANDOM ON                                              |     |          |            |           |          |
| - 165             |          |                 |                                         | at stallower L to C.A.                                                                                                                                 |     |          |            |           | <u>-</u> |
|                   |          |                 | $\mathbf{N}$                            | IN FEW SEGMENTS                                                                                                                                        |     |          |            |           |          |
|                   |          |                 | ┝╌┼╼                                    |                                                                                                                                                        | ••  |          |            |           |          |
|                   |          |                 |                                         |                                                                                                                                                        |     |          |            |           |          |
|                   |          | · · · · · ·     | ×.                                      | 169.57 - 189.90 - Finegrand & Commoted Segment Relicted                                                                                                |     |          |            |           |          |
| - 170             |          |                 | <u> </u>                                | TUEF ? - BONTACT WATH MILHY WHISE OZ.<br>Folinkon @ 62° to C.A.<br>169.90-17002 - Milky White Ota Vein cutting core et                                 |     |          |            |           | • •      |
|                   |          |                 | 40                                      | STOF (A                                                                                                                                                |     |          |            |           |          |
|                   |          |                 |                                         | -contains very little Sublides,                                                                                                                        |     |          |            |           |          |
|                   |          |                 | ×.                                      | 171-                                                                                                                                                   |     |          |            |           |          |
| - 175             |          |                 |                                         |                                                                                                                                                        |     |          |            |           |          |
| -110              |          |                 |                                         |                                                                                                                                                        |     | <b>↓</b> |            |           |          |
|                   |          |                 |                                         | 17718-177.22 Large Rotchy Acteration - with irregular<br>X atta Ota Veins - Py content is<br>irregular forming small blotchy pode <as<br>one .</as<br> |     |          |            |           |          |
|                   |          | ·               | •                                       | irregullar forming small blotchy pads < as                                                                                                             | [   |          |            | <br> <br> |          |
|                   |          | 42              |                                         | 178.25 - Mily white of Von @ 42° to CA                                                                                                                 |     | <u>+</u> |            |           |          |
|                   |          |                 |                                         |                                                                                                                                                        |     |          | <b>↓ ↓</b> |           |          |

WP-6275C HOLE NO. 13 PAGE 13 OF 21 PROJECT : % % COMPOSITE % TOTAL SAMPLE INTERVAL SAMPLE WIDTH MINERALIZATION ASSAY ASSAYS NUMBER DESCRIPTION Mo 001 30 1249 404 m - -152 30 1250 019 m Notoss -155 30 1251 .003 m NoLOSS 158 1252 .002 30 m NoLoss 160.62 - 160.82 - OTZ VEIN LIM @ 8º t. CA. with minor Mo - 161 30 1253 002 NoLoss m 164 3.0 1254 .001 m NO LOSS : 167 001 3.0 1255 Notoss m 169.95 - Minior Chalcopyrite within Otz Ver -170 3.0 1256 061 NoLoss m 173 3.0 1257 00Z m No Loss - 176 ( . - -.00 2 178.35-178.42 - Py - Chi ; Py = 20% - M.Nor Mo - 1 - 1 30 1258 m No Loss . . . . . . . . . е – 4 1 – 4 179 11

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| WP-6275           | В                  |           |           |                                                                                                                           |            |      |     |          |                                       |
|-------------------|--------------------|-----------|-----------|---------------------------------------------------------------------------------------------------------------------------|------------|------|-----|----------|---------------------------------------|
| PAGE              |                    | -         |           | PROJECT:                                                                                                                  | ŀ          | IOLE | NO. | 13       |                                       |
| DEPTH<br>(METRES) | %Core Recy         | LITHOLOGY | STRUCTURE | GEOLOGICAL DESCRIPTION                                                                                                    |            | ALI  | ERA | ION      |                                       |
|                   |                    |           |           | 178.92-180.42- CM-Servete patchy alteration - Some<br>Relict Frage Zaular ?                                               |            |      |     |          | · · · ·                               |
|                   |                    |           |           |                                                                                                                           |            |      |     | -        |                                       |
|                   |                    |           |           | , 183.49 - Small Fracture 23° to CA Appearis // to Ota                                                                    | <b></b>    | •    |     |          | • •                                   |
|                   |                    |           |           | Ven = 1. Com wich with some py @ 10%                                                                                      |            |      |     |          |                                       |
| -/85              |                    |           |           | 184.60 - 185.11 - Ry in host increased & = 10-15%<br>blockly                                                              |            |      |     |          |                                       |
|                   |                    |           |           | 105.22 - Small chi py 10/clo = 1.5 cm 2                                                                                   |            |      |     |          |                                       |
|                   |                    | ··        | 757       |                                                                                                                           |            |      |     |          | · · -                                 |
|                   |                    |           |           |                                                                                                                           |            |      |     |          |                                       |
| -190              |                    |           |           |                                                                                                                           |            |      |     |          |                                       |
|                   |                    |           |           | 191.0-191.1 OTZ VEN <100 wide py = 10% isregular<br>to core Aris (2162 ag nature)                                         |            |      |     |          |                                       |
|                   |                    |           |           |                                                                                                                           |            |      |     |          |                                       |
|                   |                    |           | Fe        | 194.66 - Small Fracture 3º to CA                                                                                          |            |      |     |          |                                       |
|                   |                    |           | 3"        |                                                                                                                           |            |      |     |          |                                       |
| -195              |                    |           |           |                                                                                                                           |            |      |     |          |                                       |
| •                 |                    |           |           |                                                                                                                           |            |      |     |          |                                       |
|                   |                    |           |           |                                                                                                                           |            |      |     |          |                                       |
| •                 |                    |           |           |                                                                                                                           |            |      |     |          |                                       |
| -200              |                    |           | Vir.      | 200.15 - 200.45 - Freeture - Freet Cong 220 to C.C.<br>- Core Sericitized & frieldle                                      |            |      |     |          | !                                     |
|                   |                    |           | ╄─┼─      |                                                                                                                           |            |      |     |          |                                       |
|                   |                    |           |           | 203. 30 - 203.92 - Fault GALLE 18" + CA - Very Crumbly                                                                    |            |      |     |          |                                       |
|                   |                    | <br>      | ╞╌┼─      | 203. 30 - 203.92 - Fault GAULE 18° + CA - Very Crumbly<br>r well sessenting Core. More (<br>Competent One Vering waltered |            |      |     | <br>     |                                       |
|                   | $\left  - \right $ |           | <u></u>   |                                                                                                                           | <b> </b> . |      |     |          |                                       |
| -205              |                    |           |           | 206.38-207 - Palch, altered core with py content<br>Slights mercase within Ch zones<br>2 10 % - beally blotchy at 15%     |            |      |     |          |                                       |
| -                 |                    |           |           |                                                                                                                           |            |      |     |          | <u> </u>                              |
| -                 |                    |           |           | - some frags ? Ligular                                                                                                    |            |      |     |          |                                       |
|                   |                    |           | ┨╌┠╴      |                                                                                                                           |            |      |     |          | · · · · · · · · · · · · · · · · · · · |
|                   |                    |           | ;         |                                                                                                                           | - 2 -      |      |     | <u> </u> | î                                     |

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| AGE 15 OF 21 PROJECT:                                                               |                   |                    |                 |                  |          |          |           |          | но       | LE NO. 13                             |
|-------------------------------------------------------------------------------------|-------------------|--------------------|-----------------|------------------|----------|----------|-----------|----------|----------|---------------------------------------|
| MINERALIZATION<br>DESCRIPTION                                                       | TOTAL<br>SULPHIDE | SAMPLE<br>INTERVAL | SAMPLE<br>WIDTH | ASSAY<br>NUMBE R | %        | 96<br>Mo | %         |          |          | COMPOSIT<br>ASSAYS                    |
| *                                                                                   |                   |                    | 30<br>m         | 1259<br>No Loss  |          | .001     |           |          |          |                                       |
| Py Content conseculty = 5%                                                          |                   | - 182              |                 |                  |          |          |           |          |          |                                       |
| I wally as had as 10% but                                                           |                   | - 182              |                 |                  |          |          |           |          |          | ·<br>·                                |
| Py Content generally = 5%<br>Locally as high as 10% but<br>not are any great width. |                   | -                  | 30              | 1260<br>Nolass   | -        | .007     |           |          |          |                                       |
|                                                                                     |                   | -<br>165           |                 |                  |          |          |           |          |          |                                       |
|                                                                                     |                   |                    |                 |                  |          |          |           |          |          |                                       |
|                                                                                     | • •               | <del>.</del>       | 3 0 K           | 1261<br>Notess   |          | . 00 9   |           |          |          |                                       |
|                                                                                     |                   | -                  |                 | <u></u>          |          |          |           | ·        |          | · · · ·                               |
|                                                                                     |                   | - १४४              |                 |                  |          |          |           |          |          |                                       |
|                                                                                     |                   |                    | 3.0<br>M        |                  |          | . 012    |           |          |          |                                       |
| 1910 - Py 25-10% in assocition<br>with small the Storage                            |                   |                    |                 |                  |          |          |           |          |          |                                       |
| with small on dringe                                                                | , .               | - 191              |                 | <u>-</u>         | <b> </b> |          |           |          |          |                                       |
|                                                                                     |                   | ÷                  | 3.0             | 1263             | <u> </u> | . 01 )   |           |          |          |                                       |
|                                                                                     |                   | -                  | m               | NOLOSS           |          | +        |           |          |          |                                       |
|                                                                                     |                   | - 194              | <b> </b>        |                  |          |          |           |          |          |                                       |
|                                                                                     |                   |                    |                 | 1264<br>No Loss  |          | .009     | *         |          |          |                                       |
| 197.65 - Blotchy Py 14 association<br>with an notwacks                              |                   | -                  | m               | Veroi?           |          |          |           |          |          |                                       |
| ± 10%                                                                               |                   | - 197              |                 |                  |          |          |           |          |          |                                       |
|                                                                                     |                   | -                  | 3.0             | 1265             | †        | .007     |           | <u> </u> |          |                                       |
| ······································                                              |                   | -                  |                 | No Loss          | 1 -      | <u> </u> |           | <u> </u> |          |                                       |
|                                                                                     |                   | 200                |                 |                  |          | ┨───     | <br> <br> |          |          |                                       |
|                                                                                     |                   | <u>+</u> -         | 30              | 1266             |          | .002     |           |          |          |                                       |
|                                                                                     |                   | <u></u>            | m               | No Loss          | ╉───     | <u> </u> |           | <u> </u> |          |                                       |
|                                                                                     | + + +             | 223                | ┝╌╤             | · ·              | +        |          | <u> </u>  |          |          |                                       |
|                                                                                     |                   | <b>+-</b>          | 3.0             |                  |          | .001     | <u> </u>  |          |          | · · · · · · · · · · · · · · · · · · · |
| 206. 45- 206. 92 - P, within Chl.<br>patches x 5-104                                |                   | +                  | <u>m</u>        | No Loss          |          |          | <u></u>   |          | <u> </u> | · ·                                   |
| patches ~ 5-10 %.                                                                   | <u>+ + (</u>      | 206                | F               | ·                |          |          |           | †—       |          |                                       |
| ·····                                                                               |                   | ┢                  | 3.0             | 1268             |          | , 014    |           |          |          |                                       |
|                                                                                     |                   | +                  | <u>m</u>        | NeLoss           |          |          | <u> </u>  |          |          |                                       |
|                                                                                     |                   | -209               |                 | <u> </u>         |          |          | <u> </u>  | <b>_</b> | <u> </u> |                                       |

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| AGE     | 16       | 0         | = 2       | / PROJE                               | CT:                                                                                                                                                                                     | ۲   | OLE | NO.      | 13      |          |
|---------|----------|-----------|-----------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----------|---------|----------|
| (S)     | λų       | λÖ        | URE       | · · · · · · · · · · · · · · · · · · · |                                                                                                                                                                                         |     | ALT | ERAT     | ION     |          |
| METRES) | %Core Re | LITHOLOGY | STRUCTURE |                                       | GEOLOGICAL DESCRIPTION                                                                                                                                                                  |     |     |          |         |          |
|         |          |           |           | · ·                                   |                                                                                                                                                                                         |     |     |          |         | -        |
|         |          |           |           |                                       |                                                                                                                                                                                         | • • |     |          |         |          |
|         |          |           |           | ·                                     | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                   |     |     |          |         |          |
|         |          |           |           |                                       |                                                                                                                                                                                         |     |     |          |         | ·,       |
| 215     |          |           |           | · · ····                              | 816.22 OT2 VERN MILLAY WHITE - 75° to CK.<br>NO SULPHIDE CONTONT - 2.5 cm W. de.                                                                                                        |     |     |          |         |          |
|         |          |           |           |                                       | NO SULPHINE CONTENT - 2.5 cm W. de.<br>218.65 - GRANULAR LOOMING OTLO FULOSPATHIC RX - SOME<br>Relid Eddspors = 3-4 mm <sup>2</sup> .<br>219.45 OTZ UEIN WITH GOOD Py = 10% < 1 cm with | _   |     |          |         |          |
|         |          |           |           |                                       | 219.45 OTZ UEIN WITH GOOD PY 2107. < 1 cm worke<br>IROUGULAR X cutting                                                                                                                  |     |     |          |         |          |
|         |          |           |           |                                       | J                                                                                                                                                                                       |     |     |          | · · ·   |          |
| 220     |          |           |           |                                       | 221.60-222.20 Pathy alteration Section                                                                                                                                                  |     |     |          |         | • •      |
|         |          |           |           |                                       | 221. CU - 220. CU Fairy acte and a rettor                                                                                                                                               |     |     |          |         |          |
|         |          |           |           |                                       |                                                                                                                                                                                         |     |     |          |         | -        |
|         |          |           |           |                                       |                                                                                                                                                                                         | :   |     |          |         |          |
|         |          |           |           | ·                                     | 224.75 - 225.35 - OTZ VEIN - BLUE GROY 5" - 11 C.A.                                                                                                                                     |     |     |          |         |          |
| 225     |          |           |           |                                       | 224.75 - 225.35 - OTZ VEIN - BLUE GROY 5"- // C.A.<br><u>generally &lt; 1 cm but may be n</u><br>Icm in spots - NO MIN.                                                                 |     |     |          |         |          |
|         |          |           |           |                                       | 227.70 - Milhy white OTZ VEIN - 68. t. C.A.                                                                                                                                             |     |     |          |         |          |
|         |          |           |           |                                       | 228.30- 128.00 - OTZ VERN NOTWORK - IRREGULAR TO<br>CORE.                                                                                                                               |     |     |          |         |          |
|         |          |           |           |                                       |                                                                                                                                                                                         |     |     |          | <br>    | _        |
| 230     |          |           |           | 230.64-<br>275.84                     | DTZO - FELOSPATHIC RX (AS FOR 76.33-107.4                                                                                                                                               | 0)  |     | <u> </u> | <br>    |          |
|         |          |           |           |                                       | - medium to Light gray - modium to fine grand                                                                                                                                           | 7   | -   |          |         |          |
|         | <b> </b> |           |           |                                       | - Foliction intensity is poor and not usually detected<br>- Relict Foldsport antical rul rols<br>. Rx has "Salt + pepper" textural appearance.                                          | ·   |     |          |         |          |
|         |          |           | <u> </u>  |                                       | - COMPETANT UNIF<br>- Py CONTINT =5-1070 overall - Locally may be                                                                                                                       |     |     |          | <b></b> | ┝        |
|         | <u> </u> | · · · · · | <u> </u>  |                                       | Veno                                                                                                                                                                                    |     |     |          |         | ╞        |
| 235     | ┝        |           |           |                                       | - PRODABLY AVERED VOLCAMILS<br>- MINOR FRAGMENTAL MIC NEAR BASE OF                                                                                                                      |     |     |          |         | <b> </b> |
|         |          |           |           |                                       | 237.0 - OTZ VEIN & ICM with associated by irrigular                                                                                                                                     | P   | +   | ļ        |         |          |
|         | ┢        | <br>      |           |                                       | X cutting CORE                                                                                                                                                                          |     |     |          |         |          |
|         |          |           |           |                                       |                                                                                                                                                                                         |     |     |          |         |          |
|         |          | ÷         |           |                                       |                                                                                                                                                                                         | ĺ   |     |          | :       | -        |

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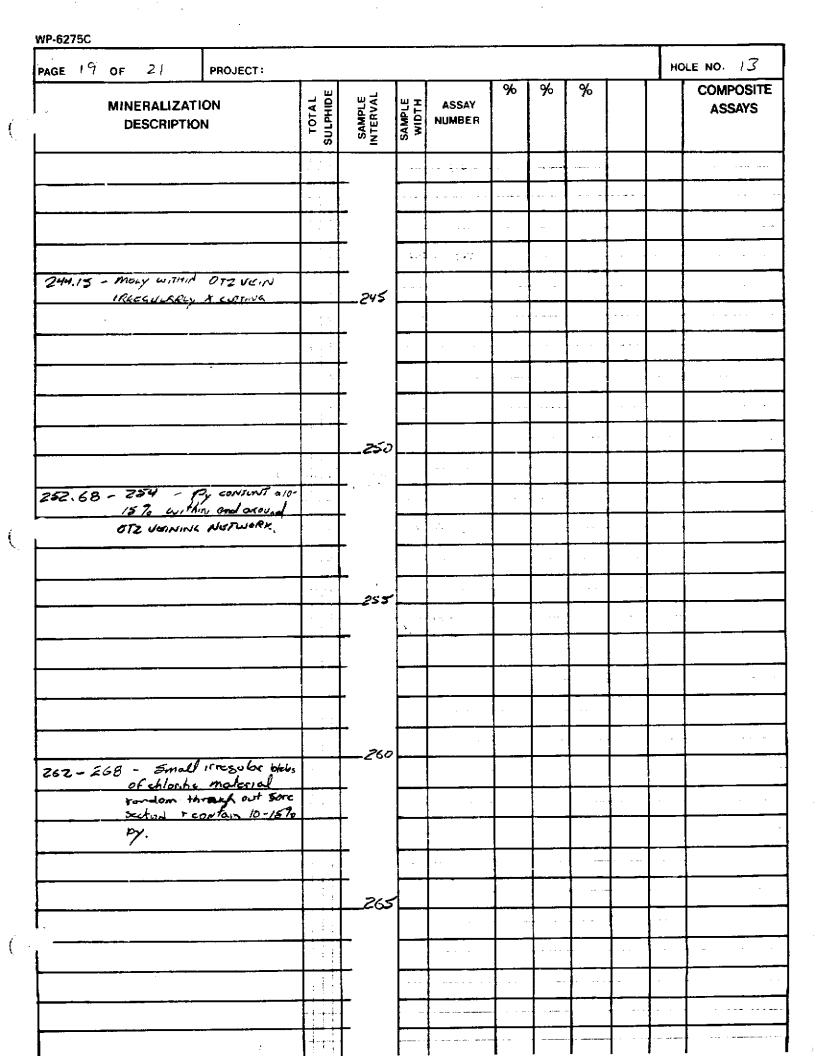
HOLE NO. 13 PAGE 17 OF 21 **PROJECT**: COMPOSITE % % % TOTAL SAMPLE INTERVAL SAMPLE WIDTH ASSAY MINERALIZATION ASSAYS Mo NUMBER DESCRIPTION Ĺ 30 .003 1269 Nowss m -212 .010 30 1270 · ... . m Nocoss τ. -215 218.65 - ty patch within OR vein 004 2 21 - 2420 30 1271 ----NoLoss m -218 30 1272 . 001 No LOSS m .221 30 1273 002 C No Loss m -224 224.75 - Rokchy Ry = 5-10%. 30 1274 001 m Notoss -227 ..... 227.70 - Py × 10% draund Ote Vein. 228.40 - Ry Patch work \* 10% IN association with OTZ VOINING 1275 001 30 No coss th, Network -230 .: - THE REMAINDER OF THE MOLE NOT JAMPLE AS THERE IS NO VIS i 1.4 MINGRACIZATION  $\left( \right)$ - 37.0 - By with OTZ VEINING & NOT 141 ..... \_\_\_\_\_ \_ 239.80 - Pr within Narrow OTZ - ------ - ----- - - ----------....

WP-6275C

WP-62758

| PAGE              | •                  |           | : 21      | PROJECT:                                                                                                             | н        | IOLE | NO.  | 13  |       |
|-------------------|--------------------|-----------|-----------|----------------------------------------------------------------------------------------------------------------------|----------|------|------|-----|-------|
| DEPTH<br>(METRES) | %Core Recy         | LITHOLOGY | STRUCTURE | GEOLOGICAL DESCRIPTION                                                                                               |          | ALT  | ERAT | ION | <br>  |
|                   |                    |           |           | 240.50 - 240 70 - OFZ UEIN'S LOWER FORMING JARELULAR NIGWORK<br>by = 5-10 %                                          |          |      |      |     |       |
|                   |                    |           |           |                                                                                                                      |          | ,    |      |     |       |
| -                 |                    |           |           | ,243.30 - ChI OTZ VEIN < 0.5 cm - solls with fr.                                                                     |          |      |      |     |       |
| 215               |                    |           |           | 245.95 - FRACTURE & ? - GRUNE CORE WELL SCRIVERED<br>SORT-ERSILY BROKENIN Acrol                                      | >        |      |      |     |       |
| 290               |                    |           |           |                                                                                                                      |          |      |      |     |       |
|                   |                    |           |           |                                                                                                                      |          |      |      |     | <br>  |
|                   | $\left  - \right $ |           |           |                                                                                                                      |          |      |      |     |       |
|                   | ╞╼╌╋               | -         |           |                                                                                                                      |          |      |      |     |       |
| -250              |                    |           |           | 252.68 - 254.50 - BLOCKY CORE.<br>- py content incrossed to 5-10%.<br>ond Locally patchy Shibs = 2 cm avole<br>@ 15% |          |      |      |     |       |
|                   |                    |           |           | and Locally particity blobs & 2 cm ande<br>@ 15%                                                                     |          |      |      |     |       |
|                   |                    |           |           | - 6000 OTZ JEINING NUSTWORK                                                                                          |          |      |      |     | ا<br> |
|                   |                    | 225       |           | 254.20 - FRASURE 34 . F.CA.                                                                                          |          |      |      |     |       |
| -255              |                    | 012<br>3° |           | 255.20 - 255.34 NADRON OTZ UNIN With good by \$157.<br>at 3-5" to CA                                                 |          |      |      |     | -     |
|                   | + <sup>1</sup>     |           |           |                                                                                                                      |          |      |      |     |       |
|                   |                    | - 1       |           |                                                                                                                      |          |      |      |     | ·     |
|                   |                    |           |           | 259.97 OTZ WEIN CROSS CUTTING S.A. @ 650 - Py contrant                                                               |          |      |      |     |       |
| -260              |                    |           |           | 259.97 OTZ VEIN CROSS CUTTING G.A. @ 560 - 1/4 COMMENT<br>15 %.                                                      | <u> </u> |      |      |     |       |
|                   |                    |           |           |                                                                                                                      |          |      |      |     |       |
|                   |                    |           |           | 264.52 - FRacture Z40 to CA.                                                                                         |          |      |      |     |       |
|                   |                    |           |           |                                                                                                                      |          |      |      |     |       |
| -265              |                    |           |           | · · · · · · · · · · · · · · · · · · ·                                                                                |          |      |      |     |       |
|                   |                    |           |           |                                                                                                                      |          |      |      |     |       |
|                   |                    | · · ·     |           | 268.40-270 CAI pocurs as small the percendent                                                                        | <b> </b> |      |      |     |       |
|                   |                    |           | · · · ·   | 268.40-270 CAI poruns as small ille percent dot<br>sige given con a sout spepper look                                |          |      |      |     |       |
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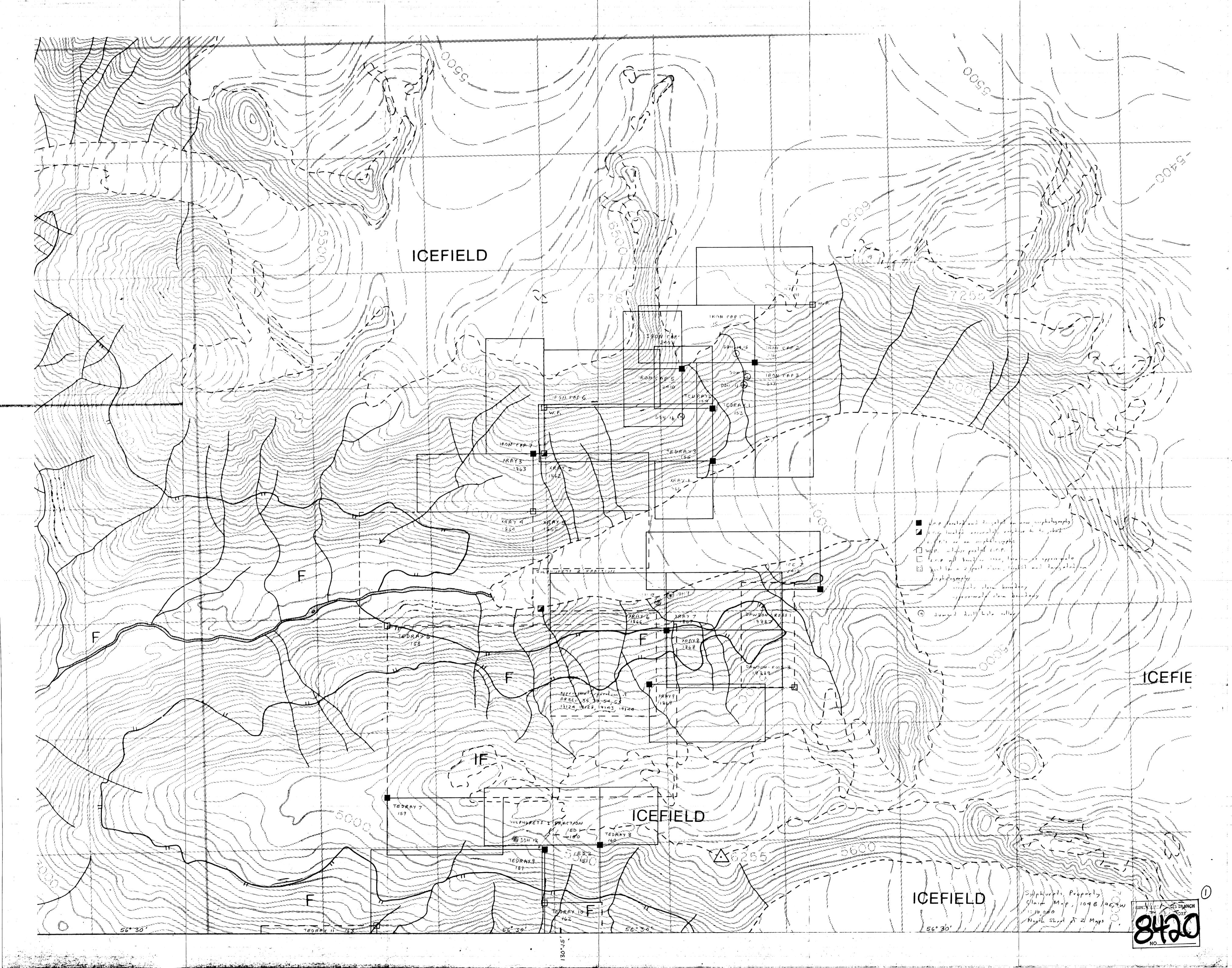
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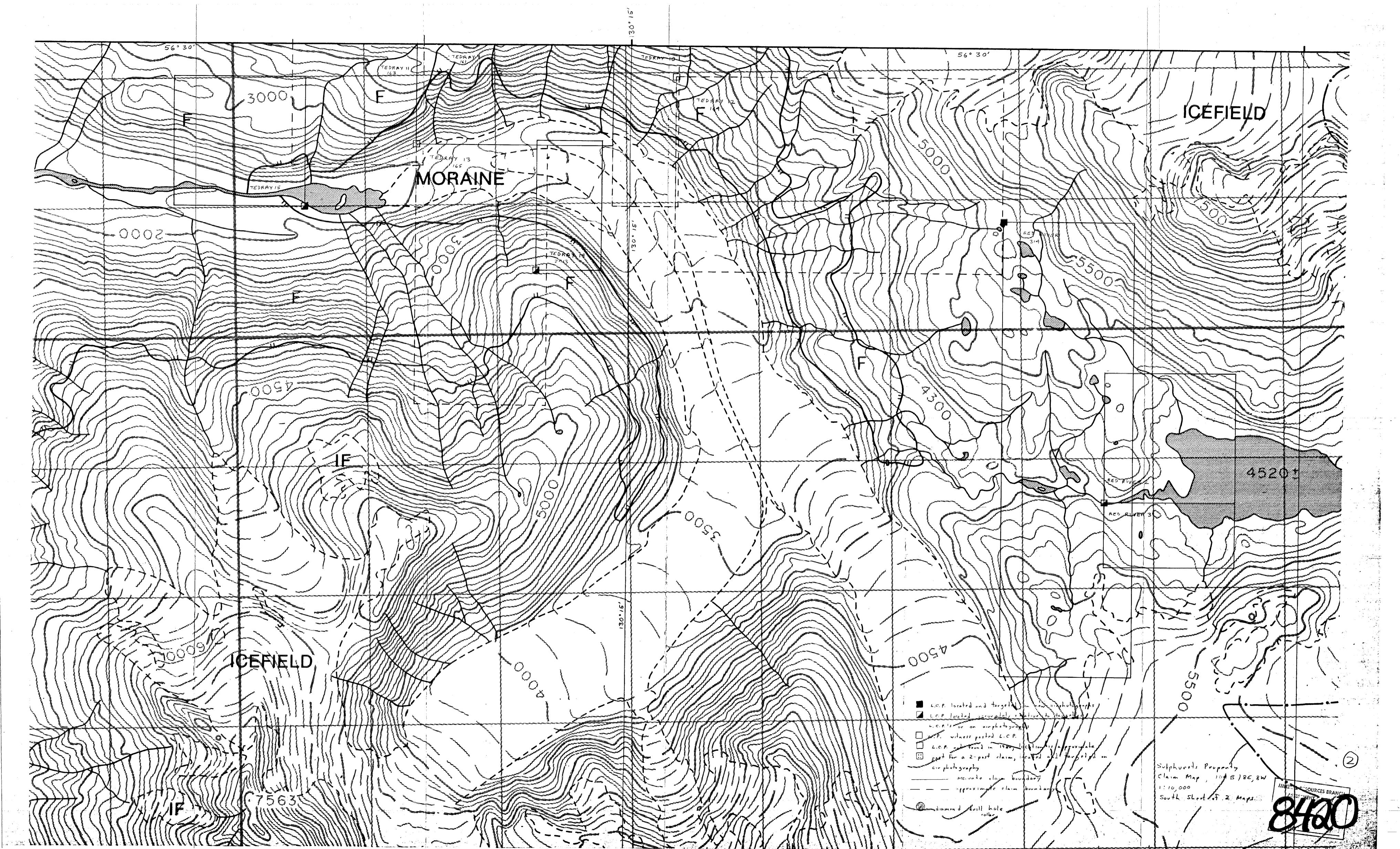
| PAGE              | 20        | ) <b>0</b>   | F 21            | PROJECT:                                                                    |       | OLE | NO.       | 13     |   |            |
|-------------------|-----------|--------------|-----------------|-----------------------------------------------------------------------------|-------|-----|-----------|--------|---|------------|
| н                 | 2<br>F    | 2            | Ш.              |                                                                             |       | ALI | ERA       | TION   |   |            |
| DEPTH<br>(METRES) | %Core R   | ГІТНОГОСУ    | STRUCTURE       | GEOLOGICAL DESCRIPTION                                                      |       |     |           |        |   | ] _<br>  _ |
|                   |           |              |                 | 271.12 FRAGMUNTS & I.Som x 1.0 mm - Chloritzed + DY.                        |       |     |           |        |   | Γ          |
|                   | ĺ         | <del>-</del> |                 | 272. 56 FRACTURE - 22° +0 CA.                                               |       |     |           |        |   |            |
|                   |           |              |                 |                                                                             |       |     |           |        |   |            |
|                   |           |              | -               | 1273. 85 - 273.90 OT2 VEIN CAOSS CUITING COR & X850<br>to C.A. p. 2 15-2090 |       |     |           |        |   |            |
| 34                |           |              |                 |                                                                             |       |     |           |        |   |            |
| -275              |           |              |                 | 275.84 - END OF HOLE                                                        |       |     |           |        |   |            |
|                   |           | н са<br>- с  |                 |                                                                             | · - · |     |           |        |   |            |
|                   |           |              |                 |                                                                             |       |     |           |        |   |            |
|                   |           |              |                 | LORE LAMPLED FOR W                                                          |       |     |           |        |   |            |
|                   |           |              |                 | HOLE CAUGO AT 276.2 Meters AND                                              |       |     | ·         |        |   |            |
| <b></b>           |           |              |                 | 30 50ARRY SUN TEST NOT TRAIN                                                | ÷     |     |           |        |   |            |
|                   |           |              |                 | BETWEEN 76.2 8 275.84 M.                                                    | ,<br> | -   |           | -      | - | ŀ          |
|                   |           |              |                 |                                                                             |       |     |           | -1 * . | · | L          |
|                   |           |              |                 |                                                                             |       |     |           |        |   |            |
|                   |           |              |                 | Morraun                                                                     |       | :   |           |        | - |            |
| •                 |           |              |                 | GEOLOGIST ESSO MINURALS                                                     |       |     |           |        |   |            |
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| PAGE 21 OF 21         PROJECT:           MINERALIZATION<br>DESCRIPTION         I<br>U<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D<br>D | COMPOSITE      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 273.22 - py bloches with Chloritozeo<br>host x 15 %                                                                                                                             |                |
| 273.22 - py bloches with Chloritoreo<br>host x 15 %                                                                                                                             |                |
| 275                                                                                                                                                                             |                |
| 275                                                                                                                                                                             |                |
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56° 30' ÍÇÉF,ľEĻD 655  $\mathbf{v}$ NP / 🚳 £.)  $C_{2}O_{r}$ L.C.P. located and targetal L.C.P located accurately . No L. C. P. Is man on airphotogram witness pasted L.C.P. Gares . L.C.P. nuter found in 1980 lige long is falle you whate past For a 2-post claim, located and arketed on Sulphurets Property air photography Claim Map, 10 B / BE, 8W > \_\_\_\_\_ accurate elajon boundary 110,000 \_\_\_ approximate claim i Durm d a South Sheet of 2 Maps - diamon d starill have -

