AN ASSESSMENT REPORT DETAILING THE 1980 DIAMOND DRILLING PROGRAM ON THE M.U.T. 5 CLAIM

located in the NELSON MINING DIVISION 14 km. south of SALMO, B.C. NTS 82F/3 49⁰05' NORTH LATITUDE: 117⁰12' WEST LONGITUDE

by

M.D. Bradley E. Meszaros November 28, 1980



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submitted: NOVEMBER 28, 1980.

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SUMMARY:

During the period April 11 to May 15, 1980 a total of 478.7 m of diamond drilling was completed in three holes over "M.U.T. Hill" on the M.U.T. 5 claim. The M.U.T. claims (84 units) are owned by Mr. I. Sutherland and Mr. J. Mirko under option to Benson Mines and BP Minerals Limited. The work described in this report was paid for by BP Minerals.

Hole M.D.H. 80-1 was abandoned at 44.66 m due to technical problems.

Hole M.D.H. 80-2 was sited between previously drilled holes 77-1 and 78-2. The target was an MoS_2 mineralized intrusion indicated at the bottom of the previous holes. Hole 2 cored 169.38 m of hornfelsed argillite to encounter subeconomic MoS_2 concentrated in quartz <u>+</u> sericite veinlets, in numerous granitic dykes. A hydrothermal system in the area is suggested by: numerous veins and skarns in the hornfelsed argillite, by aplite dykes - barren in the upper hornfels section but MoS_2 mineralized at lower levels and by progressively increasing veining and alteration of the argillite toward the bottom of the hole.

Hole M.D.H. 80-3 was collared 680 m west of hole 80-2 and drilled 200 m of monotonous, unaltered argillite.

A single intrusion of some size was not intersected. The target of an Mo-W mineralized porphyry system is indicated but remained untested. Further drilling in the area of Hole M.D.H. 80-2 is recommended.

INTRODUCTION:

During the period April 11 to May 15, 1980 a total of 478.7 m (1570') BQ diameter diamond drilling was completed in 3 holes on the M.U.T. 5 claim. The drilling was contracted to Wright Drilling Ltd. of Kamloops, B.C. A Komatzue 65E bulldozer was contracted from Pine Tree Logging of Salmo, B.C., to plow and grade the access road, to construct 2 water reservoirs and to mobilize, move and demobilize the diamond drill.

The total cost of the drilling program was approximately \$58,775. The drilling was sited to: a) transect a mineralizer intrusive inferred from previous drilling and surface exploration and b) to test a zone of Zn-Ag-Mo-Cu/F geochemical anomaly located during 1979 surveys.

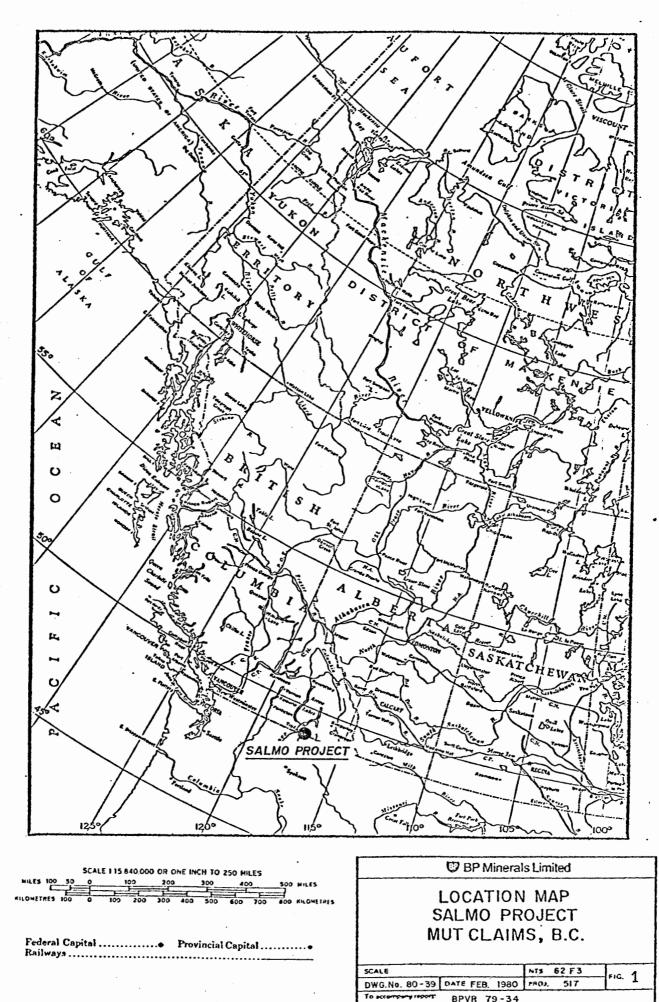
The core was logged and split on site and is currently stored at the 1979 campsite on "M.U.T. Hill". The lower 65 m of hole 80-2 and selected sections of holes 80-1,2,3 are stored in Vancouver. The bulk of the core is stored on site at the 1979 drill camp on "M.U.T. Hill".

This report is submitted in support of applied assessment credits to a total of \$58,775.

LOCATION AND ACCESS: (See Figure 1 and 2)

The M.U.T. claims are located in southeastern B.C. in the Nelson Mining Division (N.T.S. 82F/3 at 49° 05'

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North Latitude and 117⁰12' West Longitude). The claims cover the north and south sides of the Lost Creek Valley road approximately 38.4 air kilomtres east of Trail and 14 air kilometres east-southeast of Salmo, B.C.

The drill camp on "M.U.T. Hill", between Wilson Creek and Lost Creek, and much of M.U.T. claims 5 and 6 are accessible by a good 4 wheel drive road, which runs 6.5 kilometres north from Highway 3, at a point 2.2 kilometres east of Highway 6 (Salmo-Nelway).

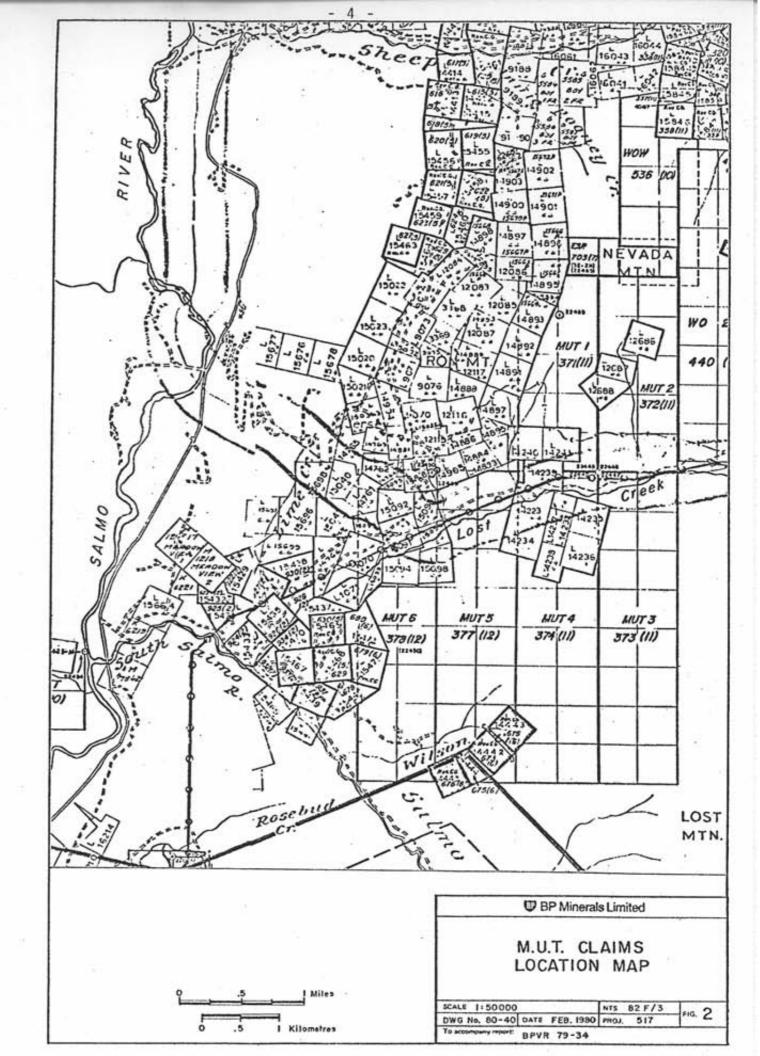
M.U.T. claims 1 and 2 are accessbile by a poor quality 4 wheel drive road, located on the north side of Lost Creek. The road trends eastward from the Jersey Mine and closely follows the 1,250 metre elevation contour. Access to Nevada Mountain is by helicopter from Trail; 40 air kilometres to the west, or from Castlegar; 42 kilometres to the northwest.

CLAIMS OWNERSHIP, STATUS AND ASSESSMENT CREDIT: (See Figure 2)

The M.U.T. claims are owned by Mr. John M. Mirko and Mr. Ian G. Sutherland and held by Benson Mines Ltd., under an option agreement. An option agreement between Benson Mines Ltd. and BP Minerals Limited for further exploration, was finalized on June 5, 1979.

The M.U.T. property comprises 6 mineral claims, containing 84 units. These claims are regrouped (Noevember 28, 1980) as M.U.T. "D".

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The component claims of M.U.T. Group "D" are as follows:

Former Grouping	<u>Claims</u>	Units	Record No.	Anniversary
M.U.T. Group A	M.U.T. 1	10	371 (11)	Nov. 30/84
	M.U.T. 4	16	374 (11)	Nov. 30/84
M.U.T. Group B	M.U.T. 2	10	372 (11)	Nov. 30/82
	M.U.T. 3	16	373 (11)	Nov. 30/82
M.U.T. Group C	M.U.T. 5	16	377 (12)	Dec. 7/85
	M.U.T. 6	16	378 (12)	Dec. 7/85

1980 assessment work credits are applied as follows: -

<u>Claim</u>	Units	Credit Years Applied	Assmt. Credit Dollar Value	New Anniversary Date
M.U.T. 1	10	2 yrs.	\$ 4,000.00	Nov. 30/86
2	10	3 yrs.	6,000.00	Nov. 30/85
3	16	3 yrs.	9,600.00	Nov. 30/85
4	16	2 yrs.	6,400.00	Nov. 30/85
5	16	5 yrs.	16,000.00	Dec. 7/90
6	16	5 yrs.	16,000.00	Dec. 7/90
Total Asses Credits:-	ssm ent 84	20 yrs.	\$58,000.00	

HISTORY:

The M.U.T. claims were staked in November and December of 1976 by J. Mirko and I. Sutherland to secure ground adjacent to the Molly and Jumbo claims, suspected to contain economic concentrations of molybdenum and tungsten.

The general area has been extensively prospected since 1895, when the Southern Belle group (including the United Verde claims) were staked over silver-lead-zincgold mineralized quartz veins, south of Wilson Creek. Replacement lead-zinc-pyrite deposits in carbonate rocks were mined at the H.B., Jersey, Reeves-McDonald, and Hunter V mines from 1902 until 1957. Skarn tungsten deposits were mined at the Emerald, Feeney and Dodger properties during the 1950's. The Molly Mine, owned by Cominco, was operated from 1914-1917 and produced 25,000 pounds of molybdenite concentrate. Tungsten as scheelite, in association with molybdenite, was discovered in 1952 by J. Gallo. Trenching was initiated over a wide area of the Molly claims and on what is now the M.U.T. claims.

In 1977, Westwind Mines under option agreement with Mirko and Sutherland, conducted geological mapping, selective sampling of showings, grid establishment, road repair and 156.5 metres of AQ diameter diamond drilling in hole 77-1. Supervision and reporting on the 1977 project was by J. Montgomery, P. Eng., and G. Von Rosen, P. Eng.

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An Assessment Report (#6667) by V.M. Ramalingaswamy indicates an aplitic intrusion was intersected in hole 77-1 from 149.5 m - 156.5 m. The target for the drilling was skarn tungsten-molybdenite mineralization at an hypothesized granitelimestone band contact.

In 1978, Benson Mines Ltd., drilled 454 metres of AQ core in diamond drill holes 78-1, 78-2, 78-3. Hole 78-1 penetrated 116.7 m of argillite and minor limy argillite before termination in broken ground. Hole 78-2, declined 70° , bearing northwest, cored 226.52 m of argillite and terminated at 236.28 m in aplite. Hole 78-3 was collared 5 m south of the M.U.T. Adit on Lost Creek, and drilled vertically for a total of 101.8 metres. The hole intersected granite and interbedded argillite, siliceous sediments, skarn and argillite. Narrow intersections of skarn assayed from .18% to 1.6% Wo₃ with accessory MoS₂ from 0.02% to 0.03%. Additional mapping, road drill site construction sampling of the M.U.T. Adit, United Verde and 1% showings were also completed during this summer.

In 1978 Cominco completed a substantial diamond drilling program in the limestone - Lost Creek granite contact area of the Molly claims. The extent and results of this program are not known to the author.

BP Minerals optioned the M.U.T. claims from Benson Mines in 1979. A 150 m x 50 m cut grid was established on M.U.T. claims 3-6. Geological mapping was completed at

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a scale of 1:5,000 and 1,175 soil samples were collected on the M.U.T. grid. A ground magnetometer, scintillometer, and E.M.-16 survey were also completed on the grid.

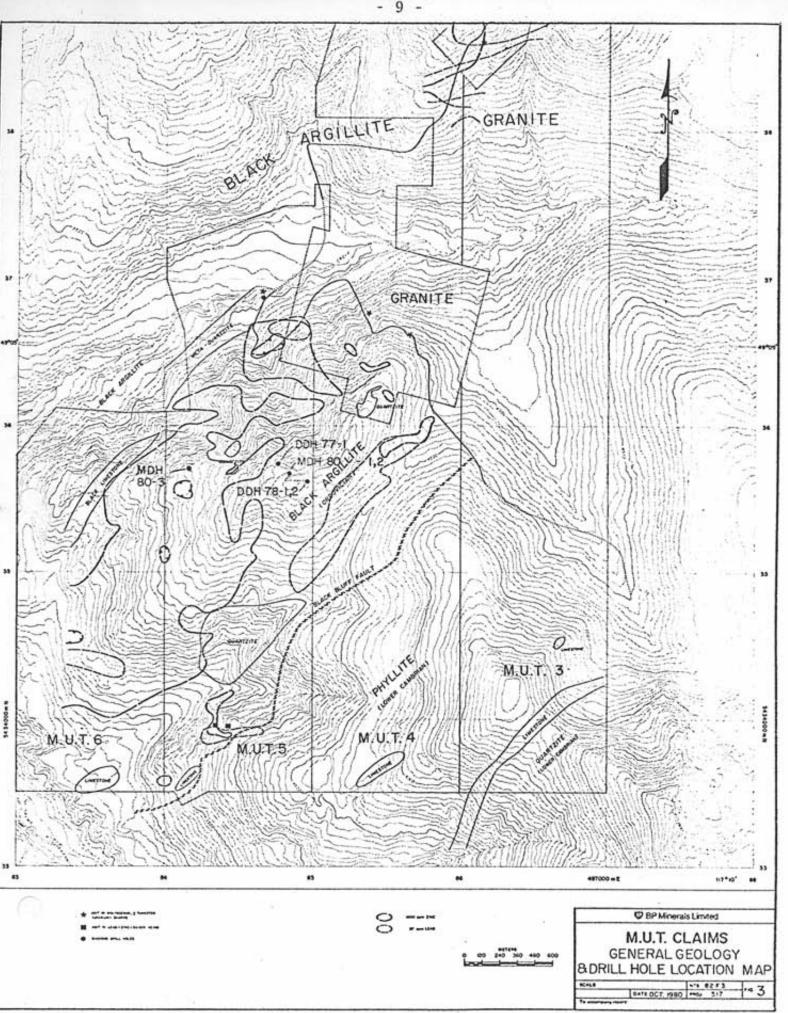
Recommendations in the 1979 BP report included further drill testing of: a) the aplitic intrusion indicated at the bottom of drill holes 77-1 and 78-2 and b) of an elliptical, zoned Zn-Mo-Cu/F geochemical anomaly on the north side of M.U.T. Hill.

This report discusses the 1980 diamond drilling program on M.U.T. claim 5, which was conducted by BP Minerals Limited.

GENERAL GEOLOGY: (See Figure 3)

The M.U.T. claims lie near the southern end of the Kootenay Arc; a curvilinear structural belt of upper Proterozoic to lower Palaeozoic, miogeosynclinal metasediments. The Paleozoic formations are separated into 3 northeast to north trending belts, by 2 southeastward dipping thrust faults of regional extent.

The belt rocks have been subjected to two periods of intense folding. Bedding and thrust faults are common, particularly in the argillites. Structure in the belt rocks is everywhere subparallel to the curvature of the Kootenay Arc. The Kootenay Arc has a marked flexion from northerly to east-west in the M.U.T. claims area.



The western "Mine Belt" and the "Eastern Belt" are comprised of Cambrian rocks of the Laib, Reno and Quartzite Range Formations. Dolomitized zones in limestone of the Reeves Member of the Laib Formation, have been productive for Pb-Zn deposits in the "Mine Belt".

A central "Black Argillite Belt" contains argillite and lesser calcareous argillite, limestone, and skarn of the ordovician Active Formation.

The M.U.T. claims are underlain by rocks of the "Black Argillite" and "Eastern Belts", intruded by granite of the Lost Creek Stock. The contact between the two belts is marked by the Black Bluff Thrust Fault, which trends northeastward along the eastern side of Wilson Creek.

The oldest rocks of the Eastern Belt are quartzites; they form the core of the Sheep Creek Anticline, which is centered on Lost Mountain, to the southeast of the claims. To the northwest, and upsection, the quartzites contact Reeves Member limestone of the Laib Formation. The Reeves member is overlain by intensively deformed phyllite and muscovite schist of the (Cambrian) upper Laib Formation. The phyllites are thrust over argillites of the ordovician Active Formation, along the Black Bluff Fault.

Exploration activity on the M.U.T. and Molly claims has focused on the Active Formation and its contact areas

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with the Lost Creek Stock. The formation is predominantly composed of black argillite with thin interbeds of carbonaceous limy argillite and quartzite. A bed of carbonaceous to argillaceous limestone which occurs on M.U.T. 6 above Lost Creek, grades eastward into siliceous limy quartzite and hornfels. The bed is altered to mineralized, pyrrhotite-garnet-diopside skarn, in contact with aplitic granite, at the margin of the Lost Creek Stock.

Several hornfels zones are noted in argillite on "M.U.T. Hill". Numerous tremolite-wollastonite skarns occur in narrow limy argillite beds on M.U.T. 5 and 6; these contain variable but commonly low-grade quantities of scheelite. A small but very high grade MoS₂ deposit, was mined on the Molly claims from 1914-1917. The MoS₂ is concentrated in a jointed zone of fine-grained to aplitic granite at the southwestern margin of the Lost Creek Stock contacting Active Formation argillite and limy argillites. Tungsten as scheelite is found in nearby bedded replacement bodies which occur in 1-3 m thick beds of limestone.

The presence of a porphyry molybdenum system beneath the "M.U.T. Hill" is suggested by a) finegrained MoS₂ in cross cutting quartz veins with potassic and phyllic alteration selvedges, in aplite intersected at the bottom of drill holes 77-1 and 78-2, and b)

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geochemical anomalies on the northwest slopes of "M.U.T." Hill".

DIAMOND DRILLING REPORT:

i) Physical Work:

A Komatzue 65E bulldozer was contracted from Pine Tree Logging of Salmo, B.C. to clear the M.U.T. access road and drill camp of snow. In addition, two reservoir pits were dug to pond local seepages for use in the drilling program. The bulldozer mobilized the drill and supplies from Highway 3 to "M.U.T. Hill", leveled drill sites, then moved and demobilized the drill at project end.

The machine was used during the period April 11th to May 13th, 1980 for a total of 42 hours, at a contract rate of \$53.50/hour.

ii) Geological Description of Diamond Drill Hole M.D.H. 80-1:

Hole M.D.H. 80-1 was sited approximately 130 m northwest of hole 78-2, at an elevation of 1,494 m. The hole was declined -80° on a bearing of azimuth 315° and drilled to a depth of 44.66 m. A synopsis of the hole follows:-

<u>Interval</u>	<u>Main Lit</u>	hology	Secondary Features						
0-2.85 m	Casing i Argillit		Limonite on foliation						
2.85-43.97	Black Ar	gillite	2.85-3 m	Tremolite Skarn					
	**	51	6.56-7.36 m	Aplite Dyke					
	**	FT	16.7-17.14 m:	Scapolite Hornfels plus 8% pyrite					
	tt	**	29-29.4 m:	silicified bx + 10% f.g. py					
	**	**	30.7 m:	Fault					
	11 17	11 77	38.24-38.8 m:) 37-37.8 m:)	Qtz-Biotite Hornfels					
	11	**	37.8-38.24 m:	Aplite Dyke					
	**	11	41.75-42.1 m:	Fault?					
	11	**	41.75-41.9 m:	Sheared, graphite on frac.					
	**	**	42.46 m:	Chloritized aplitic(?) dyke					
43.97-44.51	Aplite		Chloritized						
44.51-44.54	Fragmen Graphit Argilli	e and	Bit shatters and hole is abandoned.						
END OF HOLE	•								

The predominant unit cored in this hole is Black Argillite. The unit is characteristically carbonaceous and well bedded at $75^{\circ}-85^{\circ}$ to the core axis (t.c.a.). Bedding is marked by thin laminations and by small vugs. A prominent foliation is noted in the interval 20 m to 28 m at $55^{\circ}-65^{\circ}$ t.c.a. A 1 m thick calcareous bed at 35 m downhole is porous and friable due to alternating thinly laminated, silty and calcareous layers. Argillite is commonly unaltered to weakly hornfelsed and contains 1/2% fine-grained blebby pyrite and, pyrrhotite with lesser sphalerite. The section from 26-44 m contains > 1% fine-grained pyrite and lesser pyrrhotite, along bedding and in occassional 1 cm thick bands. Limonite and goethite commonly occur in fractures down to 13 m, suggesting that leaching of sulphides is active to this depth.

Altered zones in the argillite unit; (listed under Secondary Features above) such as tremolite skarn, scapolite hornfels, silicified breccia (bx) and quartz-biotite hornfels occur over narrow intervals. The altered zones are marked by increased silica and pyrite content. The higher temperature, quartz-biotite hornfels occurs as an alteration envelope to a narrow aplite dyke. The hornfels envelope below this dyke is highly quartz veined and contains minor disseminated finegrained scheelite and very fine-grained molybdenite.

The aplite dykes are fine-grained, equigranular, grey, grey-brown and green coloured rocks; similar in appearance to an arenite. The dykes contain minor carbonate and up to 1% very fine-grained matrix biotite, in part altered to chlorite. The dyke at 37.8 m contains 3% disseminated finegrained magnetite and has strongly altered the argillite country rock.

The silicified pyritic breccia at 29 m contains subrounded to subangular fragments of silicified argillite

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up to 2 cm in diameter, outlined by fine-grained pyrite.

The hole was abandoned at 44.54 m. The drill was left unattended with the rods downhole during a lightning storm. When drilling resumed after the storm abated, coring would not proceed. The rods were pulled and it was discovered that the reaming shell was fractured and the bit shattered, leaving the bit crown downhole. Unsuccessful attempts were made to chop out and drill through the bit crown. It is speculated that a lightening strike caused destruction of the bit.

iii) <u>Geological Description of Diamond Drill Hole M.D.H. 80-2</u>:Hole 2 was drilled vertically from the collar of hole 1.

Interval	<u>Main Lithology</u>	Secondary Feature
0-1 m	casing in Black Argillite	limonite on fractures and foliation
		<u>Aplite</u> : 12.05-14.13, 44.97-45.03 (?), 46.95-47.15 (?)
1-80 m	Black Argillite	<u>Faults</u> : 71.1 -7.5; 76.9-77.05 (70 ⁰)
		 bedded, occasionally banded py/ po, 1-5%
		- po/py [±] sph. [±] galena 1-5% in narrow hornfels
		- 1 MoS ₂ bearing qtz. v. @ 75.6 m
		 Faults: 97.1 and 97.5 (shear) - a few calc-silicate hornfels zones in the section associated w. silicified zones and/or qtz.vs commonly carry greater amounts of po/py + sph. + cp + scheelite.
80-146 m	Weakly Hornfelsed Argillite	 numerous qtz. vs. subparallel to foliation; some have qtz. +biotite + garnet selvedges
		- a few qtz. vs. carry trace v. f.g. MoS ₂ from 107.6-146 m.

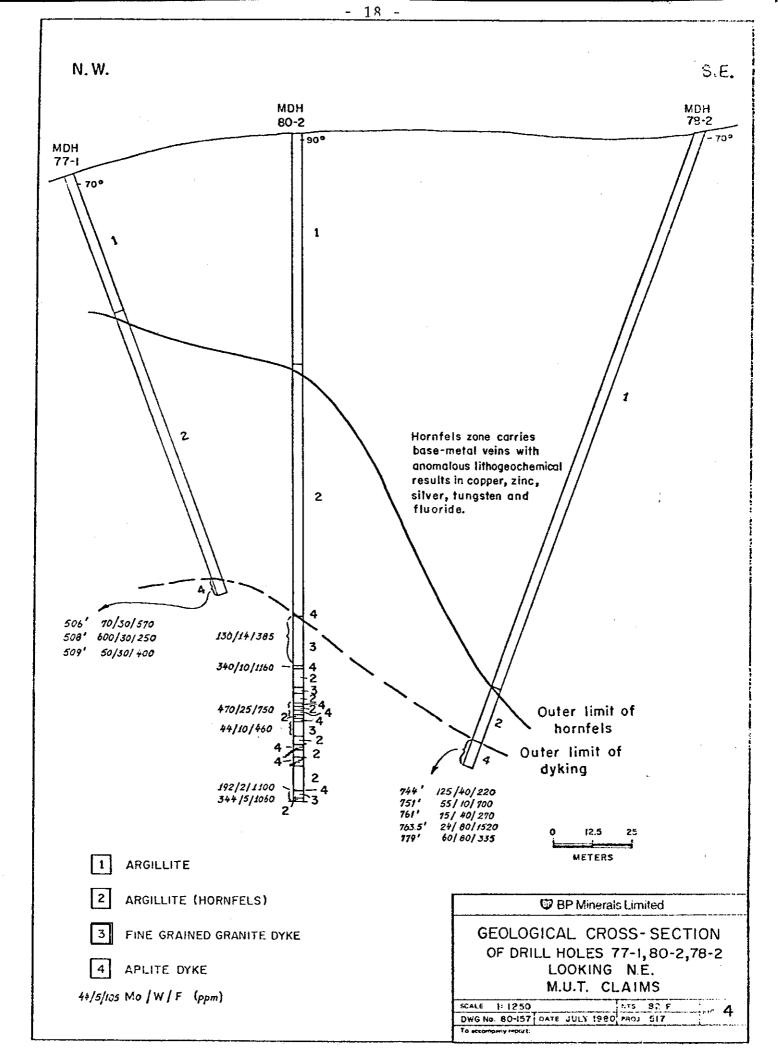
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	Interval Ma	in Lithology	Secondary Features
			 moderate to strong hornfelsing of argillite throughout
			 numerous zones of intense silici- fication
			 quartz-biotite hornfels common near contact with the granite
			 a few gypsum fracture-fill veins noted near top of section
	146-169.38	Hornfels	 qtz. vs. with silicate + garnet + biotite selvedges; carry py/po + sph + cp + MoS₂ + fluorite; are found throughout section but common near granite
			 v.f.g. MoS₂ no pyrite found in wide spaced gray coloured qtz. vs. throughout.
			- marked increase in qtz. veining and disseminated, fracture-fil and vein fill sulphides 164-169.38 m
	169.38-169.51	Aplite	- upper contact highly silicified with trace MoS ₂ , pyrite, contact sharply gradational
			- cut by f.g. granite dyke
			- weak pervasive sericitization
	169.51-186.9	Fine Grained Granite	 v.f.g. MoS₂ plus pyrite in numerous gray quartz veins and micro veinlets and in fractures
_			- MoS ₂ -qtz. vs. cut by sheeted hairline fr. infilled with sericite
	186.9-188.05	Aplite	 pervasive weak sericitization except intense granite contact and 187.3 >.7.
			 very numerous qtzMoS veins and micro veinlets, some x²cutting

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<u>Interval</u>	<u>Main Lithology</u>	Secondary Features					
188.05-195.47	Quartz-Biotite Hornfels	 v.f.g. MoS in a few qtz ser. micro²vs. 					
		 hornfels altered to biotite hornfels 					
		- biotite hornfels cut by qtz ser.vs. and silicified					
195.47-196.52	Fine-Grained Granite	- silicified and seritized zones					
		- minor MoS ₂ with 2 qtzser vs.					
196.52-200.72	Quartz-Biotite Hornfels	- strongly silicified zones					
	Hornieis	 qtz.vs. w. garnet selvedges carry po, py minor sphalerite 					
		- biotites, altered to chlorite					
		- a few qtz. micro-v. carry MoS ₂					
200.72-206	Quartz-Biotite Hornfels with Aplite Dykes	- Aplite: 200.556, 200.72- 201.12, 202.168, 203.16 205.44 206.					
		 numerous MoS₂ bearing qtz ser. + py. micro vs. in aplite, 					
206-211.47	Fine-Grained Granite with	fewer seen in granite - Aplite: 206.33 63, 206.9					
	Aplite Dykes	$207.3, 207.65 \Rightarrow .95, 208.08 \Rightarrow .4$ $209.04 \Rightarrow .1, 209.9-210.6,$ $211 \Rightarrow .47$					
211 47-230 1	Querta Pietite	 several qtz. and qtzser.vs. have biotite and silica altn. envelopes. 					
200.72-200.72 200.72-206 206-211.47 211.47-230.1	Quartz-Biotite Hornfels with Aplite Dykes	- dissem. and fr. fill MoS ₂ in several qtz. <u>+</u> ser. vs.					
		- Aplite: 215.03-216.44, 219.25-220.87					
		granite sericitized by sheeted sericitic hairline fr.					
230.1-232.94	Fine Grained Granite	 numerous hairline fractures and some qtz.vs. carry v.f.g. MoS₂ 					
		- Sericitized Aplite: 230.1→.6; 232.86→.97					



The upper 80 m of the Black Argillite unit is well bedded and is altered in only a few narrow, widespaced zones. Bedding is common at 70° -85° t.c.a. and is well marked by vuggy sulphide laminations, by quartz microlaminations and by a few sections of thinly laminated silt and carbonate layers. A single foliation is present, varying in orientation from 50° -65° and marked by deformed and offset beds and by graphitic partings. Pyrite and lesser, pyrrhotite are common on bedding in quantities up to 5% by volume of the rock. Sphalerite, as "Black Jack", is occasionally found on bedding as 2-5 mm diameter aggregates. Pyrite, pyrrhotite, and sphalerite (rarely chalcopyrite and galena are found in greater concentrations as disseminations, vein and fracture fill in the altered zones. The hornfels zones are marked by obscured bedding and a fine-grained, dense appearance in the argillite. Hornblende, actionolite, phlogopite, epidote, quartz and pyrrhotite are common in the hornfels. Quartz veining and silicification are more common in the lower part of this section and veins are oriented subparallel to foliation. Aplite dykes appear to intrude along foliation and superficially resemble weakly altered arenites. The dykes are equigranular fine-grained, light gray-green in colour and contain minor epidote, biotite and chlorite. The higher level dykes are barren of sulphides and commonly have sharp, weakly altered contacts with the enclosing argillites.

The section 80-146 m is characterized by weak pervasive

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hornfelsing of the argillite. The argillite is dense and compact, though more fractured than in the upper 80 m. Bedding is rarely seen but a prominent "cryptic foliation" is commonly outlined by white quartz microveinlets. The effects of regional metamorphism are suggested by the prominent foliation and by subparallel, white, barren quartz veins and micro veinlets "sweated" into place during compaction and dewatering of the argillites. Graphite occurs on several fractures and shears. Hydrothermal effects are suggested by the increased occurrence of calc-silicate hornfels and silicified zones and by numerous sulphide bearing quartz veins and micro-veinlets with alteration envelopes. Pyrite, and pyrrhotite with lesser sphalerite and/or chalcopyrite are found more frequently in quartz veins and altered zones, than is matrix disseminations. A few widely scattered quartz veinlets, in the interval 107.6 to 146 m, are found to contain minor concentrations of very fine-grained MoS_2 on their walls.

The interval 146 to 169.38 m is <u>moderately to strongly</u> hornfelsed. The section has numerous pervasive zones of intense silicification and calc-silicate hornfels, containing sulphides. Quartz veins with 1/2-1% pyrite, pyrrhotite and lesser sphalerite and chalcopyrite are common in the section. The veins commonly have fine-grained garnets lining their walls and selvedges of silica and of black biotite moderately altered to chlorite. Numerous hair-line fractures contain biotite altered to chlorite. Zones of biotitization are

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common in the interval 165-169.38, near contact with the aplite. Very few MoS₂ bearing quartz veins are noted in the hornfels section.

The interval from 169.38 m to the bottom of the hole at 233.84 m contains equal amounts of Biotite Hornfels and Granitic dykes. The biotite hornfels is cut by 5-10 quartz (+ sericite + garnet + pyrrhotite + pyrite) veins per meter and locally silicified and chloritized. While quartz-sericite veinlets with quartz-sericite envelopes are most common in the hornfels, quartz-biotite veins carrying sulphides, with biotite envelopes are also present. The hornfelsed sections contain 2 to 5 (rarely 9) grey quartz + biotite or + sericite veins per meter, which carry visible MoS₂. The hornfels is cut by numerous narrow aplite dykes and by fewer but larger, fine-grained granite dykes. Dyke contacts are commonly irregular at 60° -75° t.c.a. and are sharply gradational. The gradational zone is marked by silicification and peripheral chloritization of biotite.

<u>Fine-Grained Granite</u> is the most voluminous of the intrusive dykes, occupying three times the volume of the section as does aplite. The granite dykes are light gray to gray-green in colour, contain up to 3% fine-grained biotite and rarely,2% fine- grained, subporphyritic quartz phenocrysts. The larger dyke in the interval 169.5 to 186.9 m is pervasively weakly sericitized - occasionally strongly so adjacent to quartz veins. The smaller granite dykes are

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strongly silicified and sericitized adjacent to quartzsericite veins. The granite contains trace disseminated and up to 1/2% vein and fracture fill, fine-grained pyrite. Granite is cut by numerous quartz and quartz-sericite veins at $15^{\circ}-30^{\circ}$ t.c.a. It is noted that barren quartz-sericite veins at 45° t.c.a. and sheeted sericite hair-line fractures at 20° t.c.a. are seen to cross-cut and (rarely)offset, quartz-MoS₂ veins at $20-30^{\circ}$ t.c.a. An average of 3 to 5 quartz + sericite veins per meter, in the main dyke, contain visible fine-grained MoS₂. Where the granite is cut by aplite dykes (55⁰-65⁰ t.c.a.) it is strongly sericitized and the number of quartz-sericite and quartz-MoS₂ + sericite veins increases. The contact relationships between finegrained granite and aplite, suggest that they were intruded penecontemporaneously. In three instances granite dykes in hornfels have gradational aplitic contacts. In one such instance a narrow fine-grained granite dyke intrudes aplite. Numerous sheeted aplite dykes cut and alter granite in the interval 206-211.47 m.

<u>Aplite</u> dykes cut both the hornfels and granite dykes and commonly are less than 1 meter in apparent width. The aplites are very fine-grained equigranular, light gray to green in colour and contain up to 3% irregularly distributed fine-grained biotite. The aplite is cut and locally strongly sericitized, by numerous quartz veins. Aplite may contain sections of sheeted fractures infilled with sericite.

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Aplite dykes commonly contain numerous MoS_2 bearing quartz \pm sericite veins and microveinlets.

Hole 2 was terminated at 233.84 m in biotite hornfels when cave from a fault, located at 216.8 m, could not be stabilized, filled the hole and caused continuous excessive bit wear.

iv) <u>Geological Description of Diamond Drill Hole M.D.H. 80-3</u>: Hole M.D.H. 80-3 was collared 500 m north of the main access road at 501 + 45 N, 492 + 60 m near the edge of the steep north slope of "M.U.T. Hill"; elevation 1,265 m. The hole was drilled vertically to a depth of 200 m. The purpose of the hole was to locate a subsurface, possibly hydrothermal, source for the zoned Zn/Ag/Mo/Cu/F geochemical anomaly positioned on the slopes of "M.U.T. Hill". Several prospecting traverses over the anomaly zone failed to locate concentrations of economic sulphide minerals.

The hole cored a 200 m section of monotonous, greyblack argillite. The argillite has a persistent, prominent and convoluted bedding foliation at 50° to 70° t.c.a., marked by alternating laminations of graphitic material and quartz. The narrow quartz laminae commonly contain less than 1% fine-grained pyrrhotite and lesser pyrite. A single 10 cm wide aplite dyke was found subparallel to foliation at 29.05 m. A quartz veinlet nearby at 27.7 m carrys minor fine-grained MoS₂. The section 91 m to 95 m contains several quartz veins with siliceous alteration envelopes and quartz-scapolite-amphibole veins containing up to 2% pyrrhotite, 1/2% pyrite and 3% sphalerite. Quartz-scapolite veins also occur in the intervals 117 to 120 m, 131 m, 135 to 144 m, 153 to 162 m, 189 to 191 m. Larger quartz veins containing pyrrhotite, pyrite and sphalerite become more numerous below 100 m.

A few quartz veins containing sulphides with epidote \pm garnet selvedges occur from 108 to 114 m and below 183 m. A highly graphitic zone from 106.7 to 107.5 m is healed with quartz and calcite and contains some sphalerite. This zone may mark a major fault at 60° t.c.a., as bedding foliation on the footwall is highly convoluted and laminae contain more massive concentrations of vein quartz \pm garnet plus pyrite, pyrrhotite, and spahlerite to 3% by volume. The convoluted massive quartz veins give the argillite a "marbled" appearance.

While numerous sulphide bearing quartz and quartzscapolite veins occur over narrow sections, the argillite unit as a whole showed but little alteration down to 200 m. It was decided that a hydrothermal source for the veins was at some depth and/or lateral distance and that the hole should therefore be terminated.

v) Results:

The results of geochemical analysis of diamond drill core for Mo,Cu,Pb,Zn,Ag,Sn,W,F are presented in Tables 1 to 3

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TABLE 1

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TRACE ELIMENT ANALYSIS OF M.D.H. 80-1 CORE

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Sample I.D.						TRACE	ELEMEN	TS (pp	<u>m)</u>		
	Interval (metres)	Rock Type	Feature of Interest	<u>Mo</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	Ag	<u>Sn</u>	<u>W</u>	<u>F</u>
579280	9-12	Black Argillite	1/2% f.g. bedded pyrite	15	54	4	480	1.0	0	18	940
579281	15-18	Black Argillite	16.7-17.14: hornfels W. 8% diss. py. + py.vs.	11	52	2	680	1.2	0	10	750
579282	27-30	Black Argillite	29-29.4: sil. hornfels bx. + 10% diss. and f.f. py.	20	60	4	1560	1.2	2	2	1010
579283	36-39	Black Argillite	37.3 .8: hornfels; 37.8-38.24 aplite + 3% mgt.	31	116	4	1920	0.4	2	90	2370

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				TRACE ELIMENTS (ppm)								
Sample I.D.	Interval (metres)	Rock Type	Feature of Interest	Mo	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>Sn</u>	W	<u>F</u>	
579201	1-3	Black Argillite	2% f.g. py. on bedding fractures	16	40	2	128	1.2	2	120	540	
579202	3-6	Black Argillite	2% f.g. py. on bedding fractures	14	44	2	96	1.2	2	50	800	
579203	6-9	Black Argillite	2% f.g. py. on bedding fractures	17	48	2	146	1.2	2	20	740	
579204	9-12	Black Argillite	2% f.g. py. on bedding fractures diabase dyke 8.84-9.05 m		-	-	N. A .				-	
579205	12-15	Black Argillite; Aplite 12.05-14.13	1/2 - 1% py in vugs on bedding	-	-	- -	N.A.	-	-	-	-	
579207	15-18	Black Argillite	1/2 - 1% py in vugs on bedding	9	62	2	1040	2.2	0	2	900	
579206	18-21	Black Argillite; wk. hornfels 19-20	2-5% py in vugs, 20% py + po in local bands	-		-	N.A.	-		-		
579208	21-24	Black Argillite; w. hornfels bands	2-5% py on vugs, 20% py + po in local bands		-		N.A.	-	-	-	-	
579209	24-27	Black Argillite	2-5% py on vugs, 20% py + po in local bands	li	40	2	236	0.8	2	15	800	
579210	27-30	Elack Argillite	2-5% ny on vugs, 20% py + po in local bands	19	50	2	540	1.0	0	5	750	

TABLE 2

TRACE ELIMENT ANALYSIS OF M.D.H. 80-2 CORE

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TABLE 2 (Continued)

TRACE ELIMENT ANALYSIS OF M.D.H. 80-2 CORE

Sample 1.D.	Interval (metres)				TRACE ELIMENTS (ppm)								
		Rock Type	Feature of Interest	No	Cu	<u>Pb</u>	Zn	<u>Ag</u>	<u>Sn</u>	W	Ē		
579211	30-33	Black Argillite	5-78 py. in bands	-	-	-	N.A.		_	-	-		
579212	33-36	Black Argillite	20% py, po; minor cp + sph in hornfels 33-,92m 5% py in vugs and along fractures	16	134	26	540	0.8	2	120	910		
579213	36-39	lbrnfelsed Argillite	2% diss. py, po, sph and 5% py + sph in bands	77	52	2	5100	0.6	2	2	1630		
579214	39-42	Hornfelsed Argillite	2% diss. py, po, sph and 5% py + galena(?) in qtz. fr. fill	31	30	6	3500	0.2	2	5	2350		
579215	42-45	lornfels and Black Argillite	<pre>sph + po w. actinolite + calcite in fractures</pre>	16	62	2	1420	0.4	0	35	1950		
579216	45-48	Black Argillite w. aplite dykes	5% in thin bands	8	46	12	290	0.2	2	0	800		
579217	48-51	Black Argillite	5-10% py, po dissem. and in thin bands	10	64	4	242	0.4	2	5	1100		
579218	51-54	Black Argillite	5% thinly banded py	11	40	4	204	0.2	0	0	910		
579219	54-57	Black Argillite	20% po, py dissem. and banded in hornfels 55.6-> 55.7				N.A.	-					
579220	57-60	Black Argillite	5% thinly banded py	12	44	2	154	0.2	2	0	970		

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TABLE 2 (Continued)

TRACE ELEMENT ANALYSIS OF M.D.H. 80-2 CORE

			MENT ANALISIS OF M.D.H. 80-2 (OR)	TRACE ELIMENTS (ppm)								
Sample I.D.	Interval (metres)	Rock Type	Feature of Interest	Me	Cu	Pb	Zn	Ag	<u>Sn</u>	W	Ē	
579221	60-63	Black Argillite	5-10% po, py, prominent in hornfels 60.23 → 60.77	-	-		N.A.	-	<u>-</u>		-	
579222	63-66	Black Argillite	10% po + py in vugs	15	50	6	190	0.2	2	0	900	
579223	66-69	Siliceous Hornfels	po, py in vugs and bands	-		-	N.A.	-	-	-	-	
579224	69-72	Black Argillite	71.1-> 71.5 fault marked by bx, frac. and qtz. v.	25	60	6	490	0.2	2	10	1350	
579225	72-75	Argillite and Nornfels	shear zones 72.1, 74, 74.3 m	•	-	-	N.A.	-	-	-	-	
579226	75-78	Black Argillite	tr. Mo w. sericite adjacent qtz. v; 2 shear zones	24	72	16	540	0.6	0	2	1000	
579227	78-71	Black Argillite	79-80 silicified veined zone. py diss. po in vs;	•	-	-	-	-	-	-	-	
579228	81-84	llornfelsed Argillite	po. in hornfels; qtz.vs. few sulphides	27	70	10	840	0.2	0	40	1900	
579229	84-87	Argillite and Hornfels	qtz. vs. carry magnetite, hematite, pyrite	-	-	_	N.A.	-	-	-	-	
579230	87-90	Hornfelsed Argillite	qtz. vs; zones of k-feldspar or garnet	35	114	6	3100	0.2	2	1400	2500	

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TABLE 2 (Continued)

TRACE ELEMENT ANALYSIS OF M.D.H. 80-2 CORE

				TRACE ELIMENTS (ppm)								
Sample I.D.	Interval (metres)	Rock Type	Feature of Interest	No	Cu	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>Sn</u>	W	F	
579231	90-93	Hornfelsed Argillite	py, po on foliation; bx. qtz.v. + py, po, sph		-	-	N.A.	-	-	-	-	
579232	93-96	Hornfelsed Argillite	py, po on fol. also 1-3% in qtz. vs.	36	58	8	450	0.2	2	30	1200	
579233	96-99	lornfelsed Argillite	silica alt. env. to qtz.vs. + po, py	-	-	-	N.A.	-	-	-	-	
579234	99-102	Hornfelsed Argillite	numerous qtz. vs.on fol. + py, po, sph	33	64	8	650	0.2	2	15	1200	
579235	102-105	Hornfels and Argillite	numerous qtz.micro v.+ py, po	-	-	-	N.A.	-	-	-	-	
579236	105-108	lornfelsed Argillite	skarned; MoS ₂ in 1 qtz v; po, py in qtz.vs.	41	62	4	860	0.2	0	12	2000	
579237	108-111	Ibrnfelsed Argillite	qtz.vs. with silica and sericite env. MoS ₂ in 1 vein	-	-	-	N.A.	-	-	-	-	
579238	111-114	Hornfclscd Argillite	qtz.vs. with silica and sericite env. MoS_2 in 2 qtz.vs.	53	58	2	710	0.2	-	20	2050	
579239	114-117	lornfelsed Argillite	biotite and silica env. to qtz vs; MoS ₂ in 4 qtz.vs.	-	-	-	N.A.	-	-	-	-	
579240	117-120	Nornfelsed Argillite	qtz vs and silicification, MoS ₂ in 2 qtz.vs.	42	60	2	880	0.2	0	12	1050	

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TABLE 2 (Continued)

TRACE ELIMENT ANALYSIS OF M.D.H 80-2 CORE

					•	TRACE E	LIMENTS	(ppm)			
Sample I.D.	Interval (metres)	Rock Type	Feature of Interest	Mo	Cų	<u>Pb</u>	Zn	Λg	<u>Sn</u>	W	<u>F</u>
579241	120-123	lornfelsed Argillite	tr. scheelite and 5% po in skarn bands	-		-	N.A.	-	-	-	-
579242	123-126	llornfelsed Argillite	trace scheelite and 5% po in skarn bands	29	94	2	4500	0.2	2	70	2450
579243	126-129	Hornfelsed Argillite	silicified zones, skarn bands, trace MoS ₂ + scheelite in sil. zones	-	-	-	N.A.	-	-		-
579244	129-132	Hornfelsed Argillite	pervasive silicification, 2 MoS ₂ qtz. vs. + bi/sil. sclvidges	37	64	2	520	0.2	0	70	1950
579245	126-129	Hornfelsed Argillite	silicified zones, 4 qtz vs. + MoS ₂ , garnet skarn + F	-	-	-	N.A.	-		-	-
579246	135-138	Hornfelsed Argillite	silicification; † qtz.v. + MoS ₂ , qtz.vs.+ py (bi)	44	76	2	980	0.2	2	20	4600
579247	138-141	Hornfelsed Argillite	silicification; semi massive py. bands;	-	-	-	N.Λ.	-	-	-	-
579248	141-144	Hornfelsed Argillite	silicified zones; silica-garnet env. to qtz.vs.	32	56	4	338	0.2	0	0	1400
579249	144-147	Hornfels	silicified; biotite and silica-garnet env. to qtz.vs4 NoS ₂ qtz.vs.	-	-	-	Ν.Λ.	-	-	-	-
579250	147-150	llornfels	1 qtz-MoS ₂ v. + garnet-diopside selv.	57	84	4	740	0.2	0	20	1650

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TABLE 2 (Continued)

TRACE ELEMENT ANALYSIS OF M.D.H. 80-2 CORE

					IR	ACE E	JEMENTS	(ppm)			
Sample I.D.	Interval (metres)	Rock Type	Feature of Interest	Mo	<u>Cu</u>	<u>Pb</u>	Zn	<u>Ag</u>	<u>Sn</u>	W	Ē
579251	150-153	lbrnfels	qtz-garnet and qtz-cpidote selv. to qtz.vs.	-	-	-	N.A.	-	-	-	-
579252	153-156	lornfels	2 qtz.MoS_vs + po/sph/cp + frags.qtz. and feld.	50	74	4	1600	0.2	2	20	1350
579253	156-159	Hornfels	qtz.vs.carry po, sph w. garnet envelopes	-	-	-	N.A.	-	-	-	-
579254	159-162	Hornfels	garnet-epidote skarn bands; qtz.vs.+ po/sph	40	56	4	380	0.2	0	5	1300
579256	162-166	l¦ornfels	silicified; qtz.vs.+ po/sph; scheelite in po band	40	90	2	870	0.2	0	35	580
579257	166-169	Quartz Biotite Hornfels	<pre>silicified; minor po/MoS2/cp/py in fracs.</pre>	27	116	2	1540	0.8	2	210	1730
579258	169-171	F.G. Granite	minor aplite; sericite cut by 22 qtz. veinlets + v.f.g. MoS ₂	84	14	2	20	0.4	0	12	340
579259	171-174	F.G. Granite	16 qtz. veinlets carry v.f.g. MoS ₂	110	4	6	10	1.0	0	15	300
579260	174-177	F.G. Granite	10 qtz. veinlets carry trace v.f.g. MoS ₂	90	2	6	40	0.4	2	10	300
579261	177-180	F.G. Granite	8 MoS, qtz.vs: cut by sheeted sericitic hairline fr.	156	2	4	8	0.4	2	12	260

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TABLE 2 (Continued)

TRACE ELEMENT ANALYSIS OF M.D.H. 80-2 CORE

			INT AWARDSTS OF M.D.H. RO-2 CAR:		TI	RACE EL	IMENTS	(pjm)			
<u>Sample I.D</u> .	Interval (metres)	Rock Type	Feature of Interest	Mo	Cu	<u>Pb</u>	Zn	Ag	<u>Sn</u>	W	<u>F</u>
579262	180-183	F.G. Granite	8 qtz.vs.+ MoS ₂ ; tr. MoS ₂ on sheeted ser. fr.	168	4	8	10	0.4	2	10	230
579263	183-186.9	F.G. Granite	19 qtz. vs. + MoS ₂ +py +sericite + py envelopes	168	4	8	8	0.6	0	25	230
579264	186.9-188.05	Aplite (Altered)	v.f.g. MoS ₂ dissem and in fr. in 30 qtz. vs.	340	6	6	38	0.6	2	10	960
579265	188.05-192	Biotite Hornfels	v.f.g. MoS ₂ dissem and in fr. in 10 qtz.vs.	42	48	2	520	0.6	0	18	1160
579266	192-195.47	Biotite Hornfels	2 qtz-sericite veinlets + MoS ₂	58	50	2	550	0.4	0	20	1310
579267	195.47-198	Hornfels and Granite	F.G. Granite 195.47 + 196.52 cut by 4 qtz-ser. v + MoS ₂	90	36	2	104	0.4	2	15	1000
579268	198~201	Hornfels	Aplite 200.55→201; MoS ₂ in 5 qtz- garnet vs.	66	32	4	414	0.4	0	0	1450
579269	201-205.44	Hornfels	Aplite 202.16-202.8, 203.16-203.56; 9 MoS ₂ vs.	58	24	2	690	0.2	2	20	1950
579270	205.44-206 206.3363 206.9-207.3	Aplite Dykes	13 qtz-ser. vs + MoS_2 .	470	8	4	84	0.4	2	25	750
579271	206-206.33 206.639 207.3-210	F.G. Granite	sericite altn; minor aplite; 10 qtz-MoS ₂ vs.	44	32	6	10	0.4	2	10	460

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						TRACE I	LIMENTS	(ppm)			
Sample I.D.	Interval (metres)	Rock Type	Feature of Interest	Mo	<u>Cu</u>	<u>1'b</u>	Zn	<u>Ag</u>	<u>Sn</u>	W	<u>F</u>
579272	210-213	Biotite Hornfels	aplite 210*.6, 211*.47, 8 qtz-MoS ₂ vs.+ py	320	26	8	400	0.2	2	2	9m
579273	213-216	lømfels	numerous qtz-ser zones; 11 qtz- ser. vs. + MoS ₂ + po/py/cp	126	48	6	1000	0.2	2	5	920
579274	216-219	liornfels	aplite 216≯ .44; 7 qtz-ser.vs. + MoS ₂	89	48	2	100	0.2	2	2	580
579275	219-222	Aplite and Hornfels	hornfels 220.87-222; 20 qtz-ser. vs. + MoS ₂	140	18	10	68	0.2	0	0	880
579276	222-226	Biotite Hornfels	aplite 222.34 → .98; 12 qtz ser. vs + MoS ₂	57	38	6	72	0.2	0	0	8(0
579277	226-230	lørnfels	fault 224.7 → .85; 15 qtz.vs. + MoS ₂	40	54	2	82	0.4	2	10	840
579278	230.1-230.6	Aplite	sericitized; 18 qtz-ser.vs. + ^{MoS} 2	192	52	6	104	0.6	0	2	1100
579279	230.6-232.86 END	F.G. Granite	sericite hairline fr; 35 qtz- ser. hairlines + MoS ₂	344	14	10	38	0.6	0	5	1060

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TABLE 2 (Continued)

TRACE ELEMENT ANALYSIS OF M.D.H. 80-2 CORE

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TABLE 3	

TRACE ELEMENT ANALYSIS OF M.D.H. 80-3 CORE

						TRAC	e elimen	rs (ppm)	1		
Sample 1.D.	Interval (metres)	Rock Type	Feature of Interest	Mo	Cu	Ph	Zn	<u> </u>	<u>Sn</u>	M	<u>F</u>
579284	3-6	Black Argillite	f.g. po disseminated in silica laminations	22	76	4	770	0.6	0	0	820
579285	9-12	Grey Black Argillite	po/py in qtz.micro-vs.and graphite on fol.	22	104	16	820	2.6	0	0	1300
579286	15-18	Grey Black Argillite	po/py in qtz.micro-vs.and graphite on fol.	21	84	16	730	1.4	0	Ð	750
579287	21-24	Grey Black Argillite	silicification 21.1 21.7	16	86	20	700	2.4	0	0	970
579288	27-30	Grey Black Argillite	MoS ₂ in qtz.veinlet, 27.7 m; 29.05 : aplite dyke	20	92	16	1110	1.4	0	0	920
579289	33-36	Grey Black Argillite	disseminated f.g. po on foliation	16	84	10	680	0.8	. 0	0	1150
579290	39-42	Grey Black Argillite	qtz.veins parallel foliation	20	62	10	410	1.0	0	0	620
579291	45-48	Grey Black Argillite	qtz vein + 2% po crosscuts fol,	21	46	12	418	0.6	0	0	570
579292	51-54	Grey Black Argillite	53.5≫54: silicified w. po + py but ≤ 1% total	4	92	10	620	2.8	0	0	2250
579293	57-60	Grey Black Argillite	numerous qtz.veins on convoluted foliation	10	110	20	970	3,2	0	0	2050

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TABLE 3 (Continued)

TRACE ELIMENT ANALYSIS OF M.D.H. 80-3 CORE

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					1	RACE I	LIMENTS	<u>(ppm</u>)			
Sample 1.D.	Interval (metres)	Rock Type	Feature of Interest	Mo	<u>Cu</u>	Pb	Zn	<u>Ag</u>	<u>Sn</u>	W	F
579294	63-66	Grey Black Argillite	numerous qtz veins on convoluted foliation, qtz.vs. have assoc. f.g. po/py < 1	6	128	20	820	3.4	0	0	1800
579295	69-72	Grey Black Argillite	as above, minor sphalerite with po/py	7	124	22	720	3.4	0	0	2200
579296	75-78	Grey Black Argillite	as above.	10	.168	16	1220	6.4	0	5	2850
579297	81-84	Grey Black Argillite	as above.	5	114	12	860	2.8	0	0	2500
579298	87-90	Grey Black Argillite	as above.	5	96	8	1110	2.4	0	0	2700
579299	93-96	Grey Black Argillite	several 10 cm wide qtz-scapolite- actinolite - sulphide vs.	5	104	6	1000	1.8	0	0	2300
579300	99-102	Grey Black Argillite	qtz.micro-veinlets carry po + py ≃ 1%	16	154	10	1270	4.4	0	2	2500
579301	105-108	Grey Black Argillite	shear zone + qtz, calcite, sph at 106.7 m	14	152	6	1000	3.8	0	2	2600
579317	108.9-109.2	Argillite w. Qtz. Marbling	py/po/sph 2-3% in qtz.vs.	10	78	2	290	1.4	0	0	1150

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TABLE 3 (Continued)

TRACE ELIMENT ANALYSIS OF M.D.H. 80-3 CORE

					TR	ACE E	IMENTS	(ppm)			
Sample I.D.	Interval (metres)	Rock Type	Feature of Interest	Mki	<u>Cu</u>	<u>Pb</u>	Zn	<u>Λg</u>	<u>Sn</u>	M	<u>F</u>
579318	109.9-110.4	Argillite w. Qtz Marbling	py/po/sph (galena ?, MoS ₂ ?) in qtz.vs.	10	124	2	1510	1.8	0	0	1900
579302	111-114	Argillite in Qtz Marbling	as above with garnet and epidote	9	128	6	750	2.0	0	0	2800
579303	117-120	Grey Black Argillite	scapolite v. + sph, MoS ₂ ? + garnet parallel fol.	8	134	6	700	2.6	0	0	2150
579304	123-126	Grey Black Argillite	marbeled qtz.vs. + po/py/sph/ garnet/epidote	11	148	4	1070	2.6	0	2	2000
579305	129-132	Grey Black Argillite	sulphides in qtz.vs; qtz-scapolite v at 131 m.	13	158	8	770	3.2	0	2	2550
579306	135-138	Grey Black Argillite	numerous qtz-scapolite zones + po/sph	17	118	14	900	3.0	0	2	1950
579307	141-144	Grey Black Argillite	as above.	12	118	18	660	2.6	0	0	1400
579308	147-150	Grey Black Argillite	po/py/sph? in a few qtz. stringers	14	98	18	710	2.0	0	0	1500
579309	153-156	Grey Black Argillite	several f.g. qtz-scapolite-sulphide zones	18	116	78	1020	2.8	0	2	950
579319	157.2-157.7	Scapolite Skarn	qtz-scapolite-sulphide sill (?) with silica env.	7	176	6	50	1.4	0	0	1650

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TABLE 3 (Continued)

TRACE ELEMENT ANALYSIS OF M.D.H. 80-3 CORE

					IRACE I	ELIMENTS	(-pm)			
Interval (metres)	Rock Type	Feature of Interest	Mo	<u>Cu</u>	Pb	Zn	<u>Ag</u>	<u>Sn</u>	M	<u>F</u>
159-162	Grey Black Argillite	qtz-scapolite-sulphide sill (?) with silica env. from 161.4→ 162 m	16	106	12	600	2.4	0	0	1750
165-168	Grey Black Argillite	5% po/py in qtz.micro-vs.	13	186	30	900	4.0	0	0	2000
171-174	Grey Black Argillite	as above.	7	166	18	720	3.6	0	0	2850
. 177-180	Grey Bilck Argillite	J-2% f.g. dissem py/po/sph in qtz. laminae	9	142	28	1250	3.8	0	2	1900
183-186	Grey Black Argillite	183.7→184: massive sph/po/py in qtz.v.	14	156	20	1600	3.8	0	0	2150
189-192	Grey Black Argillite	several qtz-scapolite zones; sulphides with qtz.v.	14	140	24	1760	4.0	0	0	2200
195-198	Grey Black Argillite	much po/py/sph in a few qtz.vs.	15	166	22	1120	4.8	0	2	2050
	(metres) 159-162 165-168 171-174 177-180 183-186 189-192	(metres)159-162Grey Black Argillite165-168Grey Black Argillite171-174Grey Black Argillite177-180Grey Black Argillite183-186Grey Black Argillite189-192Grey Black Argillite	(metres)159-162Grey Black Argilliteqtz-scapolite-sulphide sill (?) with silica env. from 161.4→ 162 m165-168Grey Black Argillite5% po/py in qtz. micro-vs.171-174Grey Black Argilliteas above.177-180Grey Black Argillite1-2% f.g. dissem py/po/sph in qtz. laminae183-186Grey Black Argillite183.7→184: massive sph/po/py in qtz, v.189-192Grey Black Argilliteseveral qtz-scapolite zones; sulphides with qtz, v.	(metres)—159-162Grey Black Argillite qtz -scapolite-sulphide sill (?) with silica env. from 161.4 \rightarrow 162 m165-168Grey Black Argillite5% po/py in qtz. micro-vs.171-174Grey Black Argilliteas above.177-180Grey Black Argillite1-2% f.g. dissem py/po/sph in qtz.183-186Grey Black Argillite183.7 \rightarrow 184: massive sph/po/py in qtz. v.189-192Grey Black Argilliteseveral qtz-scapolite zones; sulphides with qtz. v.	Interval (metres)Rock TypeFeature of InterestMoCu159-162Grey Black Argilliteqtz-scapolite-sulphide sill (?) with silica env. from 161.4 \rightarrow 162 m16106165-168Grey Black Argillite5% po/py in qtz micro-vs.13186171-174Grey Black Argilliteas above.7166177-180Grey Black Argillite1-2% f.g. dissem py/po/sph in qtz.9142183-186Grey Black Argillite183.7 \rightarrow 184: massive sph/po/py in14156189-192Grey Black Argilliteseveral qtz-scapolite zones; sulphides with qtz. v.14140	Interval (metres)Rock TypeFeature of InterestMoCuPb159-162Grey Black Argilliteqtz-scapolite-sulphide sill (?) with silica env. from 161.4 \rightarrow 162 m1610612165-168Grey Black Argillite5% po/py in qtz.micro-vs.1318630171-174Grey Black Argilliteas above.716618177-180Grey Black Argillite1-2% f.g. dissem py/po/sph in qtz.914228183-186Grey Black Argillite183.7 \rightarrow 184: massive sph/po/py in qtz, v.1415620189-192Grey Black Argilliteseveral qtz-scapolite zones; sulphides with qtz, v.1414024	Interval (metres)Rock TypeFeature of InterestMoCuPbZn159-162Grey Black Argilliteqtz-scapolite-sulphide sill (?) with silica env. from 161.4 \rightarrow 162 m1610612600165-168Grey Black Argillite5% po/py in qtz.micro-vs.1318630900171-174Grey Black Argilliteas above.716618720177-180Grey Black Argillite1-2% f.g. dissem py/po/sph in qtz.9142281250183-186Grey Black Argillite183.7 \rightarrow 184: massive sph/po/py in qtz. v.14156201600189-192Grey Black Argilliteseveral qtz-scapolite zones; sulphides with qtz. v.14140241760	(metres)Image: matrix mat	Interval (metres)Rock TypeFeature of InterestMo \underline{Cu} \underline{Pb} \underline{Zn} \underline{Ag} \underline{Sn} 159-162Grey Black Argilliteqtz-scapolite-sulphide sill (?) with silica env. from 161.4 \rightarrow 162 m16106126002.40165-168Grey Black Argillite5% po/py in qtz micro-vs.13186309004.00171-174Grey Black Argilliteas above.7166187203.60177-180Grey Black Argillite1-2% f.g. dissem py/po/sph in qtz.91422812503.80183-186Grey Black Argillite183.7 \rightarrow 184: massive sph/po/py in141562016003.80189-192Grey Black Argilliteseveral qtz-scapolite zones; sulphides with qtz. v.141402417604.00	Interval (metres)Rock TypeFeature of InterestMoCuPbZnAgSnW159-162Grey Black Argilliteqtz-scapolite-sulphide sill (?) with silica env. from 161.4 \rightarrow 162 m16106126002.400165-168Grey Black Argillite53 po/py in qtz micro-vs.13186309004.000171-174Grey Black Argilliteas above.7166187203.600177-180Grey Black Argillite1-2% f.g. dissem py/po/sph in qtz.91422812503.802183-186Grey Black Argillite183.7 \rightarrow 184: massive sph/po/py in141562016003.800189-192Grey Black Argilliteseveral qtz-scapolite zones; sulphides with qtz. v.141402417604.000

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for drill holes M.D.H. 80-1 to 3 respectively.

The results of hole 3 from unaltered, <u>visually</u> <u>homogeneous</u> argillite are worthwhile examining first as they provide some information on background values for the Black Argillite unit. Hydrothermal effects in the argillite and backgrounds for the hornfels and intrusive rocks can then be evaluated.

The upper 90 m of hole 3 showed little evidence of alteration or hydrothermal veining. Background ranges for various elements follow:-

Mo	Cu	Pb	Zn	Ag	<u>Sn</u>	W	<u>F</u>
4-22 ppm	46-168	4 - 22	410-1220	0.6-6.4	0	0 - 5	0-2700

The sections containing the aplite dyke and lower marbled argillite and quartz-scapolite zones (noted to contain visibly more sphalerite) returned elemental values well within the background range for the argillite.

A marked overall increase in Fluorine (F), Silver (Ag), Copper (Cu), and Zinc (Zn) content is noted below 51 m in the hole. Values for Tungsten (W) and Tin (Sn) commonly associated with igneous-hyrdrothermal processes are very low throughout the hole.

The results for hole 1 in the interval 36-39 m suggest that the aplite is the cause of higher F, W, Zn,

Cu, and Mo and lower Ag values when contrasted to the preceeding argillite.

In hole 2 the fine-grained granite in the interval 169-186.9 is typically low in F (230-340 ppm), Ag (0.4-1), Zn (8-40), Pb (2-8) and Cu (2-14) but contains rather high Mo values (84-156 ppm increasing to 168 ppm in contact with aplite). The <u>aplite</u> has a similar chemical signature to the granite but contains even greater amounts of Mo (340-470 ppm). In the <u>Hornfelsed Argillite</u> below 80 m, generally higher values are noted for Mo, Cu, F and W while Pb and Sn are similar and Zn and Ag are generally lower, than in the upper 80 m,or in hole 3. Certain skarn bands as at 123-126 m are high in Zn (1700 - 4600 ppm). Hornfelsed zones in the upper 80 m of the Black Argillite unit; e.g., 36-45 m are high in Zn (1420-5100 ppm), F (1630-2350) and/or Mo (31-77) and W (35 ppm).

iv Conclusions:

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Hole M.D.H. 80-2 encountered subeconomic molybdenite concentrated in quartz <u>+</u> sericite veins and veinlets in granite and aplite dykes, below 169 m. The aplite dykes contain approximately twice as much MoS₂ as the granite. The aplite appears to be a siliceous contact phase of the finegrained granite dykes; however, the aplite is also seen to cut and alter the granite. Alteration of the argillite increases downhole to moderately high-grade, biotite hornfels, in contact with the granitic dykes. A hydrothermal system of some size is evidenced by veins and skarns extending well above the dykes, which are enriched in base metal content. It is as yet unclear whether: 1. the granitic source for this hydrothermal system lies directly below or lateral to the bottom of the hole M.D.H. 80-2 or 2: whether the granitic source is a cupola lateral to the Lost Creek Stock or a separate and later event.

vi) Recommendations:

Further drilling in area of M.D.H. 80-2 is recommended to locate a sizable mineralizer intrusion, indicated to lie beneath M.U.T. Hill. The target model is a Mo-W porphyry system.

APPENDIX 1

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Michael D. Bradley of #1007-1111 West Hastings Street, in Vancouver, in the Province of British Columbia, Do Hereby State:

- That I am a graduate of the University of British Columbia, Vancouver,
 B.C., where I obtained a B.Sc. degree in Physics-Geology in 1973.
- That I obtained an M.Sc. degree in 1975 from Scripps Institute of Oceanography, La Jolla, California.
- 3. That I am a member in good standing of The Canadian Institute of Mining and Metallurgy and the Prospectors and Developers Association.
- 4. That I have been active in mineral exploration since 1968.
- 5. That I have practiced my profession continuously as a staff geologist for BP Minerals Limited, since 1975

Michael D. Bradley BP Geologist

Vancouver, B.C.

STATEMENT OF QUALIFICATIONS

I, Ernie E. Meszaros, of 749 Scenic Drive, Hamilton, in the Province of Ontario, do hereby state that:

- I obtained a B.Sc. degree in Geology from McMaster University, Ontario in May, 1980.
- I have been active in exploration as a geological assistant during the summers of 1977, 1978 and 1979.

E. Meszaros

July 30, 1980, Vancouver, B.C.

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APPENDIX 2

STATEMENT OF COSTS

STATEMENT OF COSTS FOR M.U.T. 5 CLAIM-1980

1. CONTRACTORS

A. DRILLING: (Wright Drilling Ltd.)

(i) Footage:

(I) Casing:

Hole	MDH	80-1	2'		
	MDH	80-2	4'		
	MDH	80-3	2'		
			81	@ \$16/ft.	\$ 128.00

(II) Coring:

Hole MDH 80-1 145'@\$15.50/ft.	2,247.50
MDH 80-2 396' @ \$15.50/ft. 367' @ \$16.35/ft.	6,138.00 6,000.45
MDH 80-3 398' @ \$15.50/ft. 256' @ \$16.35/ft.	6,169.00 4,185.60 \$24,869.00

\$24,869.00

(ii) Drill Rental:

51 hours @ \$18/hr.

918.00

\$

(iii) Labour:

109 hrs.-Mobilization161 hrs.-Camp and Drill setup232 hrs.-Drill Moves and Demobilization502 hrs.-Total man/hrs. @ \$16.50/hr.\$ 8,283.00

(iv) Truck Rental:

4 x 4 Truck - 51 hours @ \$6/hr. and 30 hours @ \$6.50/hr.	- \$ 501.00
4 x 4 Truck Repairs	- 222.00
4 Ton Truck - 1 month	- 1,043.00
Overload Permit	- 33.00
·	\$1,799.00

\$ 1,799.00

(v) Materials Consumed or Lost:

1 - B.W. Casing Shoe	\$	140.00
1 - 2' B.W. Casing		26.25
1 - 10' Casing		86.55
142 1 Kutwell Oil		116.85
Thiesen Equip. Inv. (mud) #7352		254.70
66- Coreboxes @ \$4.15/box.		273.90
B.C. S.S. Tax @ 4% of \$273.90		10.96
	\$	909.21
15% of \$909.21 (handling charge)		163.38
1 - Coffee Pot		14.30
Gas		598.00
Meals and Rooms		698.00
	\$2	,383.00

\$ 2,383.00

(vi) <u>Bit Wear</u>:

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1 - BQ 100 Series Diamond Bit	\$ 356.00	
1 - BQ 200 Series Diamond Bit	392.27	
B.C. S.S. Tax @ 4% of \$748.77	29.93	
15% on Supplies Used	116.73	
	\$ 895.00	

895.00

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TOTAL DRILLING COST:

B. BULLDOZER: (Pinetree Logging Company Ltd)

Komatzue 65E: CAT Work - 42 hours @ \$53.50/hr. \$ 2,247.00 Mobilizing Bulldozer - 8 hours @ \$35.00/hr. 280.00 \$ 2,527.00 \$ 2,527.00

2. LABOUR (BP Personnel)

	M. Bradley - Project Geologist (April 8-12 a April 21-May 15) (Oct. 20-24) 35 days @ \$126/day.	nd \$ 4,410.00	
	J. Gravel - Property Geochemist (May 1-May 13 days @ \$83/day.	13) 1,079.00	
	E. Meszaros- Property Geologist (May 10-May 6 days @ \$83/day.	15) 498.00	
	B. Wotton - Technician (April 21-May 15) (July 3,4) 20 days @ \$50/day.	1,000.00	
a F	B. McCarthy- Technician (May 2-May 15) (July 3,4)	1,000.00	
	16 days @ \$53/day.	848.00	
	A. Fyfe - Slasher (July 3,4)		
	2 days @ \$60/day.	120.00	
		\$ 7,955.00	\$ 7,955.00
3.	TRUCK RENTAL (Redhawk Rentals)		
	4 x 4 Truck - (April 21 - May 15) 25 days (5/6 mo.) @ \$762/mo.	\$ 635.00	\$ 635.00

4. TRAVEL AND SUBSISTENCE:

10 days Accommodation in Motels Meals	\$ 288.30 338.22	
Groceries	1,975.41	
Airfares Tilden Rent-A-Car	430.85 112.79	
	\$ 3,145.57	\$ 3,147.57

5. MATERIALS AND SUPPLIES: (Consumables)

Gas for BP rental truck	\$ 489.10
Phone Calls	48.73
Postage	14.85
Radio Licence	52.00
Freight Haulage	216.79
Camp Supplies	2,096.00
Reproduction (maps)	851.08
Diesel Fuel for drill and pumps	
1,068 litres @ \$0.20/litre	214.00
	\$3,932,55

\$ 3,932.55

6.	DRILL CORE SAMPLE ANALYSIS: (95	Samples)	
	5 elements (Mo, Cu, Pb, Zn, Ag)	\$ 2.50/sample	
	Sn	2.00	
	W	2.00	
	F	3.25	
	Preparation for geochemical		•
	assay	2.25	
		\$12.00/sample x 95 =	\$ 1,140.00

7. REPORT PREPARATION:

Drafting - 25 hours @ \$9.50/hr.	\$ 143.00	
Reproduction	40.00	
Typing - 20 hours @ \$5.50/hr.	110.00	
	\$ 293.00	\$ 293.00

TOTAL ASSESSMENT CREDIT CLAIMED: \$58,775.00

Statement Project 517. <u>May 14 1980</u> Folio____ AM BP MINERALS # 1007 - 1111 WEST HASTINGS ST. VANCOUVER BC. In Acc't With PINETREE LOGGING COMPANY LTD Box 27, SALMO, BC. VOG 120 Jerms. re lat work HRS. (icr 24/80 8 ~ 10 26 - 28 HRS 5 lo HRS. 5 00 53 50 1819 HRS. C MOUINE CAT ·0 35 00 140 4 HRS C 716 20 14, APPAL CHARGE DATEDSOL B & TERETELS LEATED 60 Vanation 195

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CALLS BYY FROM B.P CANADA PERSONNEL	4.75-7686	21.0
-CHARGE 80065-448-4691.82	TOTAL DUE	- \$ 691.S
DATE 8 July 801115 (Killing) 253 INTEREST PER MONTH		
		LOT # 576
FORM NO. PK103R-3 AVAILABLE FROM BUSINESS ENVELOPE MANUFACTURERS OF CANADA, LTD., 3015 KENNEDY ROAD, UNIT NO. 8, AGINCOURT,	ONTARIO MIV 1E7	PRINTED IN U. S

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. . . . Mail remittance to Office: 1308 Hamilton Street REDHAWK REHTALS 1.00. New Westminster, B. C. V3M 2N3 Phone 521-7881 BP MINERALS 405, 1199 W. PENDER ST. VANCOUVER, B. C. V6E 2R1 NET CASH TERMS: CONTRACT ND. 520 VEHICLE NO. 304 YOUR P.O.G. GULAJEC DATE APRIL 30/80 RENTAL OF 1979 GMC 4 WHEEL DRIVE 3/4 TON PICKUP WITH WINCH UNDER CONTRACT FROM APRIL 15, 1980: RENTAL FEE APRIL 15 - 30 16/30 @ 675.00/MD. \$ 360.00 SALES TAX 4% 14.40 INSURANCE FEE APRIL 15 - 30 16/30 @ 60.00/MD. 32.00 -TOTAL \$ 406.40 Mar 5 1930 37 MIREPALS LIGHTED ALL CONTRACTS ARE INVOICED BED THE END OF THE FIRST MONTH NOTE: AND MONTHLY THEREAFTER. DEPOSIT WILL APPLY ON FINAL INVOICE OF CONTRACTED FOR PAYHENT CHARGE 80065-425 440 DATEMAY 0 1980 "Nobody Knows 4 Wheel Drive Better Than REDHAWK"

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Mail remittance to Office: 1308 Hamilton Street New Westminster, B. C. V3M 2N3 Phone 521-7881	ан 1 1		REDHAW	K RENTALS.
BP MINERALS 405, 1199 W. PEND VANCOUVER, B. C. LV6E 2R1	ER ST.		TERMS: NE	т сазн
CONTRACT ND. 620	VEHICLE NO.'3	04 YOUR P	.O.GULAJEC	DATE MAY 31/80
RENTAL OF 1979 GM CONTRACT FROM APR RENTAL FEE SALES TAX 4 INSURANCE F	IL 15, 1980: May 1 - 31 PE	R CONTRACT		WINCH UNDER \$ 675.00 27.00 60.00
TOTAL	- -		• •	\$ 762.00
NOTE: DEPOSIT WIL APPROVED FOR PA CHARGE 8006 DATE JUN 1 1 1980	YMENT	8100	5-8381.8	

L-80-41

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

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2225 S. SPRINGER AVE., BURNABY, B.C. CANADA TELEPHONE: 299-6910 AREA CODE: 604

B.P. MINERALS LTD.

1007-1111 W. Hastings St.

Vancouver, E.C.

Project 517. M. Bradley

DATE _____ June 3,1980

INVOICE NO. 0163

CERTIFICATE NO. 80106,80110

ITEM	DESCRIPTION	SUB-TOTAL	TOTAL
162 (31) 162 77 51 (31) 77 77 77 77	Geochem analysis for 5 elements © \$ 2.50 Sn F 3.25 W 2.00 Soil/Silt prep Rock prep Assay prep for geochem pH analysis Freight Freight FOR PAYMENT 4 58-41,611 9 0 5 1980 Sold Sold Sold Sold Sold Sold Sold Sold	\$ 405.00 62.00 526.50 324.00 23.10 69.75 57.75 122.80	
CHARGE O	2 3 1980 INTLS AMILA		
DATE JUN			\$ 1,671.90

TERMS - NET 30 DAYS

· - 44

Rossbacher Laboratory Ltd. **GEOCHEMICAL ANALYSTS & ASSAYERS**

2225 S. SPRINGER AVE., BURNABY, B. C. CANADA TELEPHONE: 299-6910 AREA CODE: 604

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B.P. MINERALS LTD.

Vancouver, B.C.

1007-1111 W. Hastings St.

DATE June 16,1980

CERTIFICATE NO. 80127/113

 Proje	ect	517

ITEM	DESCRIPTION	SUB-TOTAL	TOTAL
B C C C C C C C C C C C C C C C C C C C	Geochem analysis for 5 elements Sn W F J.25 pH analysis Soil sample prep Rock sample prep Assay prep for geochem analysis Freight G \$ 2.50 2.00 F 3.25 0.75 0.30 1.50 2.25 2.5 2.	\$ 220.00 128.00 176.00 286.00 3.75 1.50 28.50 114.00 16.20	
CHARGE 80	FOR PAYSENI OG5-458-\$1,003.405. 1930 BP MINERALS LIMITED VANCOUYER, B.C.		<u>\$ 1,003.95 v</u>

TERMS - NET 30 DAYS

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APPENDIX 3

GEOCHEMICAL ASSAY RESULTS OF DRILL CORE FROM HOLES M.D.H.

80-1, 2, 3,

(Rossbacher Laboratory)

				A	o -
GEOCHEM	ICAL LAE	BORATOR	YREPORT		
			MINERAL REFOURCES BRANCH		
LABORATORY: Ross bacher habs			ASSESSMENT REPORT	REPORT No.	
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: 8780517 5792032	17 48		146 1.2	2 20	740
· 87 80 517 5792072	4 62		1040 2.2	0 2	900
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8780517 5792572	27, 116	, <u>2</u> ×	1540 0 3	2 210	1730
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· 87 80 517 5792592 1	104	4	10 1.0	0 15	300
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	ſ		MINERAL RESOURCES BRANC	СН				
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LABORATORY: Kossbacher, L DATE: May 14, 1980	BP MINERA TORON	LS LIMITED	, 5564	PAGE	2			
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ALL VALUES ARE REPORTED IN PARTS MER MILLION UNLESS SECIFIED OTHERWISE. ALL VALUES ARE BELIEVED TO BE Correct to the best knowledge of the analyst lased on the method and instruments used.

GEOCHEMICAL LABORATORY REPORT MINERAL RESOURCES BRANCH								
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LABORATORY: Rossbacher	1 .he			ASSESSMENT				
t	haus					REPORT No.	• • • • • • • • • • • • •	
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ALL VALUES ARE REPORTED IN PARTS MER MILLION UNLESS SEECIFIED OTHERWISE. ALL VALUES ARE BELIEVED TO BE CORRECT TO THE BEST KNOWLEDGE OF THE ANALYST EASED ON THE METHOD AND INSTRUMENTS USED.

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GEOCHEMICAL LABORATORY REPORT MINERAL RESOURCES BRANCH

LABORATORY: Rossbacher Labs DATE: May 15/80.

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ASSESSMENT REPORT



REPORT No.

PAGE 20F 2

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					01			NORTH	EAST	-	ELEVA		1		J
	the second s				Claims	CO-OR		500+95N	499+95	E	1494.0		1		5
		E START			DATE COMPLE		Hole Attitude:	Surface - Azimuth Bea Depth - Azimuth Bea	ring: 315°	Dip:-80	HOLE SIZE	TOTAL DEPTH	HOLE	NO. M	DH
	Apri	127,19	180	•	April 30, 1	980	Horizontal Proj	ection: Ver	tical Projection	Dip:	BQ	44.66 m		H. 80	
-	DI	EPTH To		RE %Rec			LITHOLOGY	·	•			•		CTURE	
					Conid	ig in Ar			ALTERATI		MINERAL	IZATION	FV	新 F/	<u>n</u>
	0	2.85m	0	0	Lasin	A m AP	aillie								
	2.85	4.0m	·67m	67%	comys to	dissimily to	SEMIMARINE PLYFILE, 1	cone 2.85m-3.0m. Otzver			1		- I 3°	30	
								-common	2			py + gou thite on 3.72m	^)	6	
	4.0	6:0 m	1.98	99%	<u>^</u>	\$ 5-5.37		35°, Numerous rosty fr. ~ micro qty vs. vuggy, dung	Goethite on 30° ;	10° {+.	- margine m.	ded f.g.py e. xtelline py 5:0104, 5:5,	15	4 30	
	<u>60</u>	8.0 <i>m</i>	27	looTa	numerous é 30°, 6° fr. Quartz Vein - constitute hos	liptical to a come box we in angi Ilite dy on fr. 7.	nol min quartz graino rk gostlite 6-8.55 1 g.0350n 7.36-7 46-7.57m.	.46, aloso mangarose oride			- massive z 7.95m MINERAL RESO	did (.g py., tillie py on broding. DURCES ERANCH ENT REPORT	55° 35° 8°	+ 40	
		1		-	linionitic+p 2 cm frage	underite. V ent of ang	lite + pyrobaite at	4 - bioron fig : equiquember 35°, 55° f. Heavily : mudstone or ? Thegues 7.2m	Heavy limente j	pyrolicite	85	64			
	8.0	10.0m	2m	10%	Black A. f.g. xtols of p	rgillite : h juite on bed	Jell hrdded, weahly ding. Micro gtz vs. 2	hom felsed, vugay with	- limonitic fr. 8 9-9.3m. - limonite + clays in fe. zone at 9.9		-'l % h.dd f.g. xtelli	ed pysite	15° 65°	1 25	
						· '		•							

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-							DRILL	LOG		· · · · · · · · · · · · · · · · · · ·	SHEET	NO.	
ſ								NORTH	EAST	ELEVATION			
	1004	TION				CO+08	DINATES	•			2	5	
-	The second s	E STARTE	n		DATE COMPLE		Hole Attitude:	Surface - Arimuth Room	l	HOLE SIZE TOTAL DEPTH	HOLE	NO. MDH	
⊦								Surface - Azimuth Bear Depth - Azimuth Bear	<u>Dip:</u>		D.D.H	1.80-1	
Ļ							Horizontal Pro-	jection: Vert	ical Projection:				
-		PTH	CO	_			LITHOLOGY		ALTERATION	MINERALIZATION			·
⊢	From	To	Lengin	%Rec		11						m F/m	
	10	12m	1.41	80%	Black Al Budding	raillite: at 65° t.c	Muior Vuagy bid .a. Frzones	long. Hiero gtz, on broden : 15-8-04m, Hilm	- linoù te or fr. 10m- 11.2 m	- 12° lo py on be daing Some beds 2. mm marine Py .	70° 15° 80°	22	
	12	14	2m	100%	by mie ero a	vorty at iz	.5m, (nu ated bedding outlied	- limonite on fr. 12.7m 13.6 7m: 14.7m. - goethite fr. 13.10n 26 + gtz. V.	-1/2% be dded py - incorride py-que thite - sphelenite() 203, 13. Inn. X-cute bedding.	S & A	10	
	14	16	196	98%			5.56 m - 16 m.	or vugay bedding, Wkly	- Wely homfelsed 15.56- 16m - light gray-gram clayfor growe fr.	- 1/2 - 1 % La blebby pyrite "	~ 62° ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	12	
	16	18	2	100%	black m.g. - tournalise M.g. White	xtelline 2000 ? tremolite? lath - like c	e containing horn bline ; contained umanou ey stals on triegular		- light green elayouf.	- 1/2 % fia ble bby py on be - 8% fia bletty - similar pynite internities + simap lustrous steely aircand. Solph invogay deino cutting bornitel - minor ble bby po.		5 12	
	18	20	249 ,	1246	Black An		0	quarty en be daing.	- hinorite of 15° fr Alber	- 1/2% f.g. blebby py + sph? on bedding - 1 cm bedding py 19.45	8° 15° 45°	17	
	20	22	1.62	81/0	Black Ar Indding .	gillite : 8	Brdding 75-80°,. Fo	pliation 55°. Microgty ou	-	- 1/4 % fig. blebby pg. - 1/4% fig. blebby pg. - 1/4% fig. blebby po. ing filling on broking	80° 58°	6	

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<u> </u>						DRILL	LOG				SHEE	ET N	0.
							NORTH	EAST	ELEV	ATION	2		
LOCA	TION				CO-OR	DINATES					3		5
DATE	STARTE	D	_	DATE COMPLET	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: ing: Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO	. MDH
						Horizontal Proj		ical Projection:			D.1	D.H.	80-1
DEI	ртн	CO					· ·					RUCTL	
From	To	Length	%Rec			LITHOLOGY	<u> </u>	ALTERATION	MINERAL	IZATION	F	V⁄m	F/m
22	24m	1.9	95%	Black An	aillite :- P	bedding 65° Rat hedding 23-24 m	hermine micro quertzon	- green clay on fraction t gty t pyrite (33.1m- 23.8 m		23.259	- 7° 4° 15°	1	17
24	26	1.79	89%	Black A at 60". Nu folds?	maillite:		o qtz bording 75°. Foliation ty handing Perros- drag	- greendezonft.	- 1% brade	d vudy py	300	2	6
26	28	1.9	95%	1	(\mathbf{X})	# 1.	un. wide gtz v. breeciets serre. po (40°t.e.a.)	- green chang outr. - minor sitten grappit	1-2% teda u:de 26.25 1/4% brade	to post q. Icu	60° 15° 55°		13
28	30	2	2007	Black Ar section of str py disson	gillite: W mayly gilici si ftocture	takly homfels excer find, lomfels angi fill & outlining by	t 29m - 29.4m, breccieted Ilite containing 10% fig fingo, Brifings whomas - 2cmediometer. Fig. steely	- Silvery graphile on Sevenal bolding fr.? - light gran clayon (10°, 15° fr t pyrite	- 1/2% bedde - 1/2% bedde - 10% diss.	f.f. f-q.py	100 150 75	catty p	22
	· · · · ·	• • • •		to subongulor; magnetite loo serveral co: 1 atz (feldepon atz ich section	?) Yim by	py+++.po. Betow a	er compound ? Abort to + 29.44 m adam wide 9.45 - 29.5mi Vuggy, micro	-	fr. on 550 clay above	15° + 977 + 910 15° + 977 + 910 bx 28.35 - 29 ty - py 15-2.7			
30	32	2		31 - 31:6m.	Genelaled	l micro quarty band	Fault healed with chlorite noro - gty vs. on o° - 10°, ing 30.5m	- Chlonie + graphile	- purite b	ands 10m w: 1 .29, 31.16,31	0° 4 55° 23 90°	9	23
37	34	2	100/3	Black Ar Atz+fg. fillspor	rg:11.1ite (On 5°, 33	: Weakly homfels 96-34mlossenvide	ed. Aty banding bedding 150	- grægshite + græn clayon fr.	-2% h. de	devite contario ble bby i re in gl, v 33 g	- 25	- 8	

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						NODTU	FAOT			SHEE	1 14	0.
LOCA	TION	2		co-	ORDINATES	NORTH	EAST	ELEV	ATION	4		5
DATE	STARTE	D	_	DATE COMPLETED	Hole Attitude:	Surface - Azimuth Ben Depth - Azimuth Ben	aring: Dip: aring: Dip:	HOLE SIZE	TOTAL DEPTH			.mD
			_		Horizontal Pro:		rtical Projection:	1		D.(о.н.	80-
DEF rom	РТН То		RE %Rec		LITHOLOGY	200 A	ALTERATION	MINERA	LIZATION			IRE
.4	36	2	1007		: Weaky calcareous	a due to numerous close space m. Atz low' D. Sem. in		- 11/2% bedd		5°	<u>v/m</u>	9
56	38	۴.	1004	Prices of 1 Calcite 37 to 37.8m. Pty V.f.g-f.g. grey-gre 37.8-38.24: f.g	out5°. Nod. to interne ,-bistle bouding 9° +. cen, equiquon landy ke equiquon landy ke con	e.a. Contact with.	- sting gtz- bistite horafele 37.37 - interne butte-gtz horafe 37.7 8 m. - Weat epidete alt in date	- 1% bed - 3% fg dy fe		900	6	9
8	40	1.94 	976	tristile georg house E at 2 viening 1 bounded 38.24-40 . Black	. Yan wide ofter fill.v netile + section of epidote i Angillite wominorg		- chlorite wk-med indyte strong ablorite dier on other contact + himmite. - gty-bistile bornfile 38.24- 38.82am - meod. dessens epidote 38.54- - linconite on fr 38.4-38.8 - linconite on fr 38.4-38.8	- diss. from +38.57m, = 1% diss. for home	mogratiti in de ig schuelite 38 King. Alos O) vil.g. potpusi else Gone. I is Gone. I is de day	No 9 25	7.	22.
0	42	2	3 Jacl	Black Araillite : Phyllitic Araillite : -Samony a work for	Why loverfilled A light gray. block	- highlig foliated fracture - highlig foliated fracture - (70" i perstrone)	· · · · · · · · · · · · · · · · · · ·	- 1%, % veq		0 	VI N	19

						DRILL	LOG					SHEE	T NO.	
LOCA	TION	Anno			co-0	RDINATES	NORTH		EAST	ELEV	ATION	5	-	5
DATE	STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azi Depth - Azi	muth Bearing:	Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO. T	MD
	1.1	-				Horizontal Pro	jection:	Vertical Pro				D.1	о.н. 🦗	30-
DEP From		COR			10	LITHOLOGY		1.1					UCTUR	_
From	10	Lengin	70Hec	00 1 0	1.1		TTIP 01		TERATION	MINERA	LIZATION	F	V/m F/	/m
42m	44	14	70°,	Peroten core containing a	42-43. Warili 42	ut - is an - diffe ??	ubr, hà filginan se	diai - quaps - hom- - chlor	Lite 43.9-44. Glarine 42.4-6	1% f.a.	q: x. bi	₹ 0 ¢	2 2 2	0~0
	. A State of	-		43.97.	- tequi	light great dig to								
ぜ	मॅम.झ	.52	95%	Δ.	0 0	r, fig. iquigramb Fragments of grap shetters hit , cann	X	augtives - nuc - weeks Hole	h chlorite on free. Julorite to mode in matrix.	- 1/4 % dig 1	5. fracture fill nysile.	0°		
				- 1.941		ondoned. Set 1			a El casar secon		et et	•		
-					ti)		Ţ							4
			22				angen (dona a			the second second	SOURCES BRAN	сн		
				•						8	564	+		
	-								а к Г					

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œ	11_0_ R	/		e XIII	du	DRILL	LOG (LOGGED B	Y M.D. BRADLEY & E	. MESZAR	(23)	SHEE	TNO	0.
	189	5	1	, At	-/		NORTH	EAST	ELEV	ATION	1		21
LOCA	TION	MU.	T. C	tains	0-01	RDINATES	500+95N	499+95E	1494.0	m	1		121
	STARTE	D		DATE COMPLET	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip:-9°	HOLE SIZE	TOTAL DEPTH	•		MDH
Ap	1130,14	180		Way 7, 19	180	Horizontal Pro		ical Projection:	BQ	233.84m	D.	D.н. 9	80-2
	PTH	CO	RE	1 I	V				and a state of the		-	RUCTU	
From	To	Length	%Rec			LITHOLOGY		ALTERATION	MINERA	LIZATION	F	V/m	F/m
0	1	lm	°.	0		nd, limonitie a	<u>с</u> .	- we bounde time - Unicoute after by white + pryrite on fractions.	85	564	•		3
1 metre	2 millios	Im	1006				nded . singgy microgravity on	- Vinconite of forming, per on tredding the long - we have long	- 2%+ f	ading fracture	45 15	l	40
2	4m	1.82	91%				ing troken on 80° beddig?	- minor nurscovite in gome vogo a py eqty. - linoute on many fr.	- 2% + - m. an above	ng stallie py	80°	N	40
4	6 m		886		7		deformed hedding outlied	asabilk.	- 2% py a	schole.	°8 "2)		22
.6	8m	2.0	loofo	8.0 al 25			v - limonite boxwork, voggy		- py provi	hidded voggy r ment 7.8-8 in Vs? on bed dig.	x 600 H	0	20 27
8.	lo	2.05	ložlo	Homblinde lower contac	rick-di tose .	abase? dy \$2 8.84	Vugiqy micro gtz on brilling -9.85m. Upper contact 45	- 2 cm mod tomfolsd contact to diaban offer - binomits i goethile onfo. - Weak graphite on fr.	- gtypy;	de de ringque per de la ling la perton as-30°	75' 75' 75	•	
10	12	1.99	99,	Black Arg 75°. Promim	villite = 1 but foliator	highly fractured	11.84 - 12.05m Bonding	- persistent linouite i goet on fracture 3 in argilite.	continuele	live py ingty- gethite desidets	50		25
12	4	200	100/	Dyke: 12. Oscolacions in 13.44-13.55	appearant	4.13 m : light. gray es. Upper contact fro epidotized ; c blostized o	grean f.g. equipronular - attined, lower contact 550. argillite highly fr.	- limonite goothite, car hanate on numerous fri - whicklosit to in dybe, thong on lover contact	- 1/2 - 1/2 way		K 80 % 6 %	5	35 23

						DRILL	LOG		·			SHEET	NO. 7
							N	RTH	EAST	ELEV	ATION		
	TION		· · · · · · · · · · · · · · · · · · ·			DINATES						2	3
	E STARTE	:D		DATE COMPLE	TED	Hole Attitude:	Surface Depth	- Azimuth Bear - Azimuth Bear	cing: Dip:90° cing: Dip:	HOLE SIZE	TOTAL DEPTH	1	NO. MT
	30,19					Horizontal Proj		· · · · · · - — — —	cical Projection:		· ·	D.D.1	1.80-
	РТН	<u> </u>									• • • • • • • • • • • • • • • • • • •	STRU	TURE
From	<u> </u>	-{	%Rec		<u></u>	LITHOLOGY			ALTERATION	<u> </u>	LIZATION	F V,	m F/m
14m	16 m			QTZ WIT AT 15.3 chloritizi -below Oyke	th pyreit m; Are ED CONTA FOLIATION	: DANDING 60° Te, 4cm thick ba MALEOUS LIKE DU AT 55° SEE 12 IS DEFORMED FORM NG MICRO ATZ CRO	yke 47 / m-14m F ning bang	HISM UR DESCRIPTION ING AT 15 M	FRACTURES		+Po in Local		
16m	/8 m	2.14	107%	BLack A	EGILLITE + FRACTUR	, banoine 80°	? Py + W	VCRO QTZ	r Same As Above	- 5 % Py + FRACT	in yugs ures	80° 20°	15 Z
18 m.	20m	1.91	95%		•	- bombine 85° ATZ in UVOS + 1		•	-some as Above	- 5% Py 1 + FRALT	n JU65 UR#1	850	Y
	,			* HORN Fe	•	19-20 M Pyrite + AT 45° with Po BANDING REUCE WITHIN 20 cm - + MINDA EPIDO	in some ies direct Hurn bi	64N05 Elon 900	- EPIDOTE + HORNblend ALTORATION IN MATRIX MILIZO CATZ IN BANDS AND FRACTURES, L'INDIT ALONG DOME FRACTURE	e a contra a	+ Pe in	45	4
20 m	2.2 m	2.22	100	BLACK AR	(- bAnding 75 QTZ with Py bedding bands	in vi	SS A Long	-MICEU CRYSTOLINE QTZ + SCRICITE ALONG FRACTUROS -LIMONITE ALONG SOMO FRACTUROS	- 5% py Less in	in UUSS Fractypes	7° 75°	1
2m	24m	2,01	/00	*HORAFELS : bA MA	20m- mod W Trik Con	20.13 + 22.9 NICAD QTZ WITH TAINING HOVE	Omto 23.0 Py + Po - blense)3m j 1n A	-Hoenblende Altreation in matrix mic 20 QTZ in bands	-20% py banes	- Po in		
	•			BLACK ARG	111+E2	bANDING 80° M 1451 Service	ICKES QTE	+ 74 12	- MILRO QTZ UNGS - SERCITE FANLTURES	- 2 73 PJ + FR	in Vug s Altures	80° 10 •	29 2
	- ,												

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						DRILL	LOG	E Station States			SHEET	r no.	3
		-				-	NORTH	EAST	ELEV	ATION	2		2
LOC	ATION				CO-OR	DINATES					3		34
DAT	E STARTE	0		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring: Dip: 40	HOLE SIZE	TOTAL DEPTH	HOLE	NO	NDH-
April	30,198	0		•		Horizontal Pro		ical Projection:			D.D.	н 8	2-2
	PTH	CO	_									CTUR	
From	To	Length	%Rec			LITHOLOGY		ALTERATION		LIZATION	_	/而 F/	the second se
	26m	199	100	BLAck AR	LILLITE 1	banoing 800	MICHO RTZ+ Py	secicity in Fractures	5% Py FRACTURE	in Vigs + Mag		2 Z	
24m	20m	1.77	100	17. 184	UUGS LPO QTZ i	SERICITE IN 2 n Fractures at	ome FALCTURES AT 450	MICHO QT2 - FRACTURE, AT 50	,	-	1 1	; 12	1 1
				Have Fels	: 24.5	m - 24.6m . H	up blends in mater	Hom blende in matrix		o in ba			
				mica	O OTZ, TO	y + Po in los	mos + Fract was	MICRO QT2 in Damos+	20% Fy	y Po			
	• •			Ď.a	bins A	T 60°		FRACTURES					
				BLACK A		76.0m to	27:16 m banoina	MICHOQTZ ALUNG	5% Py	~ Vuss	70	11	
20 m	28 m	2.04	102				REGULAR + deformed	FRALTUPES	minore				
·							QTE with Py+Po				100	3	-
						, MICRO QT LIN							
				*HoenFels	, 27.1	L to 27.42 inc	regular bandine	- Hornblende in	20% P	ot Py			
					•		y CROSSCUTTING	- MICRO + MACRO	in matoi	#, banos			
				F	ealtures	AT VARING ANG	LUS: CONTAUT between	QT2 in FRALTURES	+FRACTU	243			
				BI	Lack Actin	Lhite + hom fels	500 IRREDESANT	hensit banos					
		••		- 14	ophalen	ALONG FRACTURE Le in MATRIX		• · ·					
					arace mic	Ro QTz Lons							
				ŀ	torn Fels	WE CONSTALS A	CAR M. bASAL CONTACT						
				4	open Fels R	epeats Fron 27	1,16 - 527.86						
										· •**-			
~ ~	20	210	105	BLAck	Atechury	E bANDNO AT	550	Sedicite + himonite	5-7%	yreite in	220	1	3
28 m	30m				- N	LRO QTZ WIT	h py negligable fo	In FRACTURES	VUCS + 1	samps	150	-	1
					in b	An os + Ullgs							
	-						ONITY ALTERATION						
					12	FRACTURES	AT 15						
	1	1	ł					1	1		1	L I	1 1

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BP					DRILL	LOG				SHEET	NO. 4
						NORTH	EAST	ELEV	ATION	14	34
LOCATION	N			CO-OR	DINATES			`		7	27
DATE STA			DATE COMPL	ETED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: ing: Dip:	O HOLE SIZE	TOTAL DEPTH	HOLE N	
April 3	3010	180			Horizontal Pro		ical Projection:	-		1	<i>8</i> 0-2
DEPTH		CORE					ALTERATION	MINEDA	LIZATION	STRUC	
From To		ength %f	the second distance of	<u></u>	LITHOLOGY					F VA	14 F/ m
30m 32	2m	1.85 92	5 BLACK	PRGULIM	E: bANDING &	35° DANDS ARE	Miceo QT2 in banus + FRACTURES	7% 49	in banks	85 30	4
					Somewhat MICRO QTZ A	deformed the CONTAIN	+ FRACTURES humonite + Societit in some fractu	Ras		40°	3
				-	- Irm thick her	nses OF MILROQTZ					
		ľ				Licite in 30° FORCTUROS					
	ł	ļ			-31.38m ba	WING AT 40°					
·····					<u> </u>				• 1	709	22
			Bhard	. Aacinh	ITE : banding	700 micro att	DANDS + FEALTUR	5%P	, in banos	1 1	
32 m 3'	4m	2,2 10	0		And pypit	e in bandine	bands freation	-,			
					LOCAL disrup	e in bandine Stion of bandine	bANDS + FEALTUR Gypsum in Jome FRACT along bombung	20% F	Dy, Po, Cp+Sf	১ ১১৭	4
					by QT-2 UI	5° Fron 33.57	thong bombanc	ן ות אס	an fels		
							Sericite in FRAC	UR			
•						y 3mm QTz Vien	AT 10°			10	//
			HomF	ls : AT	- 32,62 m	+ 33.92 m					
				mark	d by horn	blende in matrix micro QTZ Viens,					
				mo mi	ineratized i	micro QTZ Viens,					
				bands	+ 1053 -	•	• • • • • • • •				
				·					`		~
		•	2	٨	1		MUROQTZ IN VUG	570 4		700	10
34m 36		1.7/ 8:	59 BLACK		ITE: banding		+ Ahong some FR	ctubr + Allon	J (Racion		
) [m] 00	מי		/1		MICROGTZ +	Pyrite in VUSS micho QT2 + Pyrite es AT 10	with himonite			100	5
			· · ·		Limoniste with	micho dT2 + PYRITE		}			
					ALONG FRACTUR	es AT 10"					
					•						
-	-										
										·	
1	1										

						DRILL	LOG				SHEE	T NO. 5
							NORTH	EAST	ELEV	ATION		
_	ATION				CO-OR	DINATES					5	2.1
DAT	TE START	ED	_	DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring: Dip: 90 ring: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO. MC
Ap	-1 30	1980	2			Horizontal Proj		tical Projection:				н. ЕО-
D	EPTH	_	RE				102				101000-011	UCTURE
From	To	Length	%Rec			LITHOLOGY		ALTERATION	MINERA	LIZATION		V/m F/m
36m	38m	2.04	10:2	BLA	Con	ATACT WITH 1	HORNitels AT 2000 HORNitels AT 2000 Dy MULTING FLACTURES	Limonite à Efficite Abong Some l'hactur Micro QT: in most Fi actura:	276 Ky	i	50	4
·				Horn	In Fin Ulac	matrix bec ex quality is le Accilling	with howeldenese among increasingly law contract with	Limonity Aling Some i parture AT 250	She water	5. P.J. Fo. 51. 9. 5%	20	2
	4 				- N(A)	1	Sy & By Screenally	the at CLASTAL			30	7
38m	40m	2.18.	109	Homf	PJ	+ sp in m	Reasinghy Silicic ine discrimated ATRIX minor 2 Filled Fractures	SAME AS About For hom tels	5 gmc Tierr	As phone normfels	250	9
40m	42 m	1.98	99		QTZ 1 Folds 2 igh degi	T HIM heal	ne injection of note, minor deag let over ly QTZ Ation Honntslende though out as + galena?	Hoenblande repitat allergtion in matricix MicroQTize in FRACTURES Seizicite + Linovit ALONG FRACTURES AT 400	10% 50	in matkix , po ena? alang actures	1	6

12.1						DRILL	LOG				SHEET	NO. 6
	ATION				CO-OF	DINATES	NORTH	EAST	ELEV	ATION	6	34
DAT	E START	ED		DATE COMPLET	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring: Dip: ring: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO. MO
30	April					Horizontal Proj		tical Projection:				1. 80 -:
	PTH	_	RE		1						-	TURE
From	То	Length	%Rec			LITHOLOGY		ALTERATION	MINERA	LIZATION		fn F/m
2	44m		103	Mi the AT Bhack WIT	Horenbl Also (42.5m LADGE Next Non LADGE ARGI ARGI	ende -> Act hlogopiic; down, calaite e clat OF SP To calaite dissemmate. out out out antact wittl 8 m AT 70° LLITE: bmb	AT 42.60m VIEN Lack ABGILLOR	homblende i caleit -> Actino Lite + PLIOGO PITT in homblende controlek matikix Limonite along Some FRACTURES AT 450 MICRO QTZ Along KAMBING	L CO PAR hornbli 30% S ALTINO MAT R	Lite + colet		3
					-) ALT FRACT	17m H3, 42m, 1 ino Lite + phlo uses containing	sopite ALong .	hoendende + calcire -) Actinoniti + philogopite s	2 % =1 CALCITE	Almas Viens		
Hm	46 m	1.97	98	Black	6.	To 45.43, meine AT 550	44.1m+ 44.24= 44.39 m 44.97 FRON 45.03m m from 45.6 To 46.02 m iaco Chystonia JINITE AL DrG Dombing	bmDIn6	5 % py	plans hamos	55	u
					8		1.1	* *				

A State of

						DRILL	LOG				SHEET	NO. 8
							NORTH	EAST	ELEV	ATION	8	34
LOCA	TION		-		CO-OR	DINATES					0	77
DATE	STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip:10 ing: Dip:	HOLE SIZE	TOTAL DEPTH		NO. MO
April	130,198	0				Horizontal Pro-		ical Projection:				H. 80-2
	ртн 🔶	COF	_						MINEDA	LIZATION		CTURE
From	To	Length	%Rec			LITHOLOGY		ALTERATION	MINERA	LIZATION		1/m F/ m
48m	50m	1.96 _M	98	λ.	bambs h bambs	ARE deformed s Ano hense	micizo QTZ, PY, PO	Micro QTZ in banks	52 py Lambs	+ po m	50	10
	•				els: h - sil	nte Rich commblende icifiel + Py Disseni	in MATRIX	honntdende in matrix	10% p MAT	y + po in RIX		
50 m	52		30	BL AN	k Arci	intensi	Aphite Rich Recovery due to e FRACTURING DUE GULTING					
52,	04m	2.03	101	Bhae		ro atz in 1	maling 700. Damos with Py	quartz in by 105	5% P	y in bomps	20°	4
34m	56m	2,00	£00	Bhack		Ano As Ab		SAME AS Above	∑ A™	ne As above	65	7
				hori	ho	AT 55.6m t mblende AlTe + py in ma	TRIX AND DANDS	normblande in matrix	20 % p	o - py	2 20	
	-											

	UP .	• •					DRILL	LOG		* ,			SHEE	T NO.	9
ſ	· .							NORTH	× E	AST ' '	ELEV	ATION	q		
. [LOCA	TION				CO-OR	DINATES		1			•	7		34
	DATE	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth B Depth - Azimuth B	aring:	Dip: 90 Dip:	HOLE SIZE	TOTAL DEPTH	(E NO. M	- 1
	Apri	1 30,	1980				Horizontal Pro		ertical Projec				D.0	».н. 80	-2
	DE	ртн	CO	RE			LITHOLOGY			RATION	MINERA	LIZATION		UCTURE	- · ·]
ł	From	To	Length	VoRec				·			MINERA			V/m F/₁	"
	56m	58m'	2.0%	102	Bhach	e Area	ILLITE: ban	pine AT 750	micro		52 P	y some Pu	75	- 1C	
								ith miceocleysta	in band	3		,			
		•		·			- vinor			in some					
						Serier	Te in Somo	FRACTURES AT	FRACTU				30	· []	
		÷.			,	30"									
	10	60	7.00	1/100	P1			me as Alouve	Some	A-E ADOVE	Same	As Above	75	• 9	
	58m	GOm	209	100	0 100	che Ane c									
						- ^/									
	60 m	62m	1.99	100	BL	selve De	GILLITE: 5	ame As Above	Same	As Above	SAME	As Abrue	750	10	
						5.4.	and minor	memsion AT GO.2	7						•
		· .			HUN	· · -	to 60.37 m		Ĩ.		· · · ·				
						(P4	+ poin m	ATTRIX OF hereb	and horn	olende +	102 0	n + Pr			
		•					.		micro a	412 m					
							micro atz	-	· · · · · · · · · · · · · · · · · · ·						
	62	GHM	1,98	99	BLAC	he April	LUTE . She	ghilly cooked	graphit	to ALTERATion			500		5.
	PCM	• Im							in zor		10% p	otpy,	10		
						- 51	me quantit	801 84	Section						
						- 6.	adding 60°	Along which accus Th = 1/ Fidor							
						m	ices are wi	Th sul Fider	•						
						- d.	crokened in :	some sections							
	,					λ .	· · · · · · · · · · · · · · · · · · ·	71	- i'-	alt at					
	GHM	66 -	2.13,	107	Brad	a ARGIA	Lite: slight	LINTE MULTIPLE	d'april	ST SECTIONS	4 10% P	och py			
		-					durete intrus	sions with Py +Po	10 000	ST SECTIONS	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5			
							Que with by								
						banoi	to hot eulo	- my							
	L	<u> </u>									•				

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							NORTH	EAST	FIEW				0. /.
100	TION						NUNTH	EAGI	ELEV	ATION	10	5	12
	ATION E STARTE			DATE COMPLET		RDINATES						-	
1.				DATE COMPLET	ED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring: Dip:90 ring: Dip:	HOLE SIZE	TOTAL DEPTH		E NO.	
	1 34, 19					Horizontal Proj		tical Projection:			D.1	р.н. е	30-
From	PTH To	CO	RE %Rec			LITHOLOGY		ALTERATION			_	RUCTUR	_
		Lengin	Tonec			2111102001		ALTERATION	MINERA	LIZATION	F	V/m F	F/m
66m	68m	R.07,	103	Filie	1041	ion-Fels. FR	om 66.07 7 67.16	and Marke to					
	1262 040 01 112				ين آ	Sout Lamerel	with your kitte	handil					
					~	1. Gibling		marchitic					
			8		- 5	or py accru	in landos	Ancelline					
											1 3		
ાજ	1				- &	yage in	1 V DS MITTE ARECULI	the some Filsein					
										1			
	5				5.0	actors of 5	on with sens						
				- 10 10	1	. lele minter	maissive while						1
					Charles I	te vitere b	vorite activate	in COVANTE Vier					
5 °					41.14	the QUARTS	di an	Certaits					
				5	- 1-1 2	Por uus:	Viens						18 14
													13
68m	10 m	2M	100%	Gray-tob	lack A	villie colonie	y silicified, color der	-extensive seliciticalis	- Pr lom	1 in dire			
			'	Probably al	re to pi	rescue of silicilies		with genusive carbonte	grain ble b	s. as well an			1.9
				68.06-6	28.3 m	assive guesta 1	rein @ 10°	ith pervisive carbonte Minerology 12: low	bin dissen	rituted grain	r I		
				ven contai	~ py b	lebs, as well a	s opidate. epidate stread	ograde Skurn?	an vun an	a cound micro	1		- 1
				also found	ot un an	ptofoliation in H	c avery -and 11. 2 - prives		in Assoc. un	to pound			
				toliation is	85 ep il	e Stranks at 60°.		8	-epidyk in	comment, m	7		13
				hingers minus	ry sharp	between vein & Avg	the argillite some		P hoppartu	es and mo			
			- T		1 60	iz material present	The way time owne	8	assoc. with	gtz vais.			
				68.3-68.55	- Zore	of permaine silici	inter a contribute			(45.)			
				wiso has we	NO JI L	we are 14 are well	A A lin Veling and A						
				limmer harmed	nord -	MICHO Wan LETS OL 1	y exist and anc L	4.2				6 1	
e - 1				D himmed f	conaus	· ·							
	127			- Curbonite N	Intratory 1	priset fraugh in	mico vein, bags, and						
				war evenesies	THY FR	insue effortany.	nd in close assoc with the						
		I 1		and found	5 2 Dlw	- Devil to insel the	at in class and with the	5			12	1	- 1

		_						NORTH	EAS	T	FLEV	ATION		
LOCA	TION				CO-OR	DINATES		MONTH					11	
	STARTE	D	1	DATE COMPLETE		Hole Atti	tude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE N	0.
						Horizonta			ring: tical Projecti			1	D.D.H.	
050	РТН	cor	F			Horizonea	I PIOJ	eocron: ver	LIGHT FIOJECTI				STRUCT	
From	То	Length	_			LITHOLOG			ALTERA			LIZATION	F V/m	1
68m	72 m.	2 m.	98%	cont. => 68 milk while willin. vein and some seri At \$8.65 bractures Bollietion w Black - Argill of cryptic guar various angle veins. [- Also prese [- Also prese [- Also prese [- Also note microveins a less micro foil to a certain	coorde dia	9.0 the intregrid 5-10° a phough this intregrid	guik hole ble with an from hole in were from hole of a physical ph	to ven is bree inted bos verifies located nuclope of tritte and - low terps. all infied grey-adile cryptic quart 2 10 peraled to major 3. 85° to c.a. presence leto bedding and at a & folded micro gtz slebs invein and vrugs. in the bold itself. mussive tourlins of mussive tourlins of like how and folded ar lighter black grey ozencous bands. in Dome precision	- in general milit horal modification present. -epidok al	a Jelsic Selsic	- cingle 5 located in @ 68.9. - Py & Po finitures, i - carbonate Sulphas 1- - Po, + P in 972. Well as M - carbonate still prese	le b og hemetil g fz. vein. D. forend als as.ble bs. e mineratory om fractures.	x	
	-			- 71.1 - 71.5	s. is ex!	ensively tree	ccipital .	and Grachmed, with nature to the rock.	-	е. У.				

	a de x ante de la	• :				DRILL	LOG	\ \					SHEE	T NO	
	•	•					NO	RTH	EA	ST	ELEV	ATION	12		34
LOC	ATION				CO-OR	DINATES							13		57
- DA	TE STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface -	Azimuth Bear Azimuth Bear	ing:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO.	MDH
						Horizontal Proj			ical Project				D.D	.н. с	30-2
C	EPTH	CO	_									·····	STR	UCTUR	E
From	To	Length	%Rec			LITHOLOGY			ALTERA	ATION	MINERA	LIZATION	F	V _行 F,	/m
74.0m	76.0m	2.	vz	continued, - 1 gives rise to intle serio	alkration o sericite cite halo	at contact between possibly flownite a	een gtz ven impunities;	Argillite. Mody slivers							
76.00	78.0m	2.		Sulphide, als and crenula 76.9 is a l soricitization Angle is 70 77.55 - 77: at alteration Fined raily Sulphide so -Remainder	> py p often close of found ted, and e shew rome n, and br to c.a. from ma from ma below this ntent, + g	Illiation at high and mineralization for ly associated with disseminatedmi whibit halos. with graphitited recciation pervess vice gtz vein contr (sericitization)-mi you vein. is a shear zone a paphite alteration on is cryptic Arg	ind in vug the gtz u ino fracture texture, sil ive. zone o aning quites the po. in n gain with	i & micro eins. some often folded, licification. is 76.9-77.05. ing "Moly obies nicro fractures increased	silicification hornfelsic	ization m b veno, -, slightly K.	Veins, ifer grains - gr time, or f blabs. Pot py 2	internenth annare ine grained			Ð
78.Om	80.0m	2		these are s highly selicit grains in the	gillite - cr ik is well uspected for us, versed le Argillit llite pe. d myle to c.	yptic followithin 6 bracturch with mo be injected from zone, with py. e and po. in the ifferent source a little allero	found as r blins NO - veis are	80.0 is a everyst. subedral po is found highlif control	Some epide	then.	in Arg. W with the a and not in -some pate dissemine	ted grains it po form it po form it. veris, the Assillits to B given ted po. also whe remobil			8

, **;**

ШУ.			•			DRILL	LOG				SHEE	T NO.	
							NORTH	EAST	ELEV	TION	μL	2	.;
LOC	ATION				CO-OR	DINATES					17	11	
DAT	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO. 14T	74
						Horizontal Pro		tical Projection:			D.D	.н. 85.	-2-
DI	EPTH	CO	_				· · ·	A1 770 A7104				JCTURE	
From	To		%Rec			LITHOLOGY		ALTERATION		abundance		V/m F/ m	
90.0n	82.0m	2.0	10%				ght gey-brow color.	hemutite after magnetite. - hematile staining assoc.	as grains in	the homfel,	80° 75°	8	
				boliation	difficult	o see, and quarte	, veining very diffuse.	with gtz. veino.	as grains in esp. at 80.4	9.	10		
				- Silicitication	n'extension	e primumy follie	the provention of the mineral-	-epictor.	par 20/	for 14.1.	ľ		
				1 diation	direction	n difficult nom	ette less the minual-		1 29 0				
	447-144]		12ation	seems to	follow the foll	intur traces, and is		· · · ·				
·	in the second			best assi	sciated w	ath the veins a	nd micro fractures,	1		•			
00			m.				V	- servelia, Ailicification	20.00	1 19	- 40		
82.0m	84.0m	2.0	1110.	Hornfelo	2 essential	ly some as above	with little fracturing	It veins. , hemutisation ,			250		
				and sulp	whe muse	dilling found in 1	he gut being thetave	Some chloritization.			88		
				Mumal by	It lo m	de - one loss l'a	125-25 HOLA Li						
				prese f will	vegue a	I kratin core of	Sericite + magnetitet	· · · · · · · · · · · · · · · · · · ·					
				hometite p	resentinu	ys in the vein fo	liation is again vance						
				however.p	naps 45		0 1						
×4-0=	86.0m	2.0	100	HA. Ilit.	- Ore of i	are to li	Hunghan	Silverlin ten in	0.00./				
	0.000			these vein a	NO @ 75-	80° and ane 1-20	ith numerous gtz. veis.	Silicification is dominant with	Py + Po 60	I in dividual	706	5	
	1 <u>.</u>	·		Magnetite ; h	amatile di	sseminited ou - Pos	sibly DO. and Ame.	some servicitization.	Bine grame	the arminet	60%		
				covellik+ bo	rnite intr	ace arounts. this	20me is from 84-0-784,6	>		ted grains in			
				There is a ph	ont inter	al of a runa hor	m thick, with inclusions of sibly po. and one 2002 in form 84-0-784, 6 a felsic rock with sill cification and some		•	in, an Jojk	• •		
				voyue folling	ction pres	ent a 75-80. 5	illification and sine		in bleb f	ried aggreyate			
				gtz venin	m in prose	indute subornelle	philes po & py present		0				
-				this handled	in Antili	E por shine int	il 86.0 mill bendo						
			1	porto series		Le H. alle	At 85. 8 Hore exists						
				often mo	1.1=1	which which when the ne	t 50° to c.a. It						
				a yrc ha	n 101-20	alleration 200	- with unindentifiable						
	-			mineral i	Level .	in 2.5.0	- myn unntyabl	e .					
				in mineral c	n antimat								
		L							ļ		1	1	1

UP						DRILL	LOG					SHEE	T NO		
							NORTH		EAST	ELEV	ATION		-		٦
LOCA	ATION				CO-OR	DINATES						15		34	
DAT	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Be Depth - Azimuth Be	aring:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO.	MT	7
						Horizontal Proj			ojection:			D .1		90-7	
	PTH	CO	the second se			LITHOLOGY		AI	TERATION	MINEDA		_	RUCTU		-
From	To		%Rec	A		· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	LIZATION + section on		V∕m F	2 m	
	88 m.	Χ.		observable prophoblests Distinct of exemple 8 Mineralization are found.	6 diatin at about servable m-@ 87 -also@	. 3t2. beens not 15°, -milky -black- .2 Dome putches, 87.4287:5 kunner	serve of provin silicified section. pommon one brown gtz. with little of pink- K-feldoper perphablents of annut	some in the source of the sour	fication governt. sericitustion, eldoper alteration elsic alteration o on large scale ll'as envelopes gt 2 veins.	binds a u which exhibit taid foot the a Amphibol outline.	thitegrey minutes	⁶ تح			
	•			B 87.7 exist 90° to c.a magnetic, Mineral (luft not suspected wriented with tortonic in	due to mo like in s to the one to the one	chloritovich mafie contains	disseminated s lphid disseminated s lphid of that this white colore spinitex feature (thum he grains are griroth C.a. (Settling)?		, , , , , , , , , , , , , , , , , , ,		•••••••••••••••••••••••••••••••••••••••				
88. <i>0</i> n	90.0m	2		white lath l lolling on shing to ne exist content bei observed as to injection abo of back	abe mineral own by m. or formed s, have nellas st allas st of silica on halo ys in the	l dominating (ampl ineralogy as 60° in ile minored. Silicification is ated. (py + ps.) GR caring Strictions. Solutions. Orient of scricite of sil	hibole)? Little frectures to C.a. Some very nt 89.1 a brecciated dominant, with sulphin aphinic nature is also (10 cone shearing in addition is 60° to c.a. also lica - Some supplishes ppur antly not directly asso	domin Some	binton int as above. soricitization	- sulphides found in 1 the few g -tapel =	rigs and in fr verin	50 12		2	

	U P					· ·	DRILL	LOG				SHEET	NO
								NORTH	EAST	ELEVA	ATION	UNLL!	
	LOC	ATION				CO-01	RDINATES					-16	34
÷	DAT	E STARTE	0		DATE COMPLE		Hole Attitude:	Surface - Azimuth Bea	ring: Din.	HOLE SIZE	TOTAL DEPTH		
							Horizontal Proj	Depth - Azimuth Bea		Under OILL	INIAL DEFIN	D.D.H	IQ TIDH
4	DE	PTH	co					ver ver	tical Projection:			STRUC	80-1
1	From	То	1	%Rec	1	A	LITHOLOGY		ALTERATION	MINERAL	IZATION	F VA	
1 L	70.0	92.0	2					the (emphibole) & dominated		- Py+00 -	in foliation	500,	3
					homfel cont	innes, after	which the rock ,	although still horafelsic	Some gt waring	as individue		45-0	
					become da	sker with	cryptic banding	dominating, and somewhat	+	Some also	,		
		· ·			more ft2 u	en phou	ing up. Sulphide	Mineralogy exists as		silicited n	no veino.		
	1 de 1.				plebs Throw	ghout, ges	enilly paralling	the folia hon. Silicificate	4		+ py = 2%		
		· • • • • •			is connor	and in p	places a higher de	warty of silicified micros	• • • • • • • • • • • • • • • • • • •	- and the F	mate		
					Venero oce		foc.a.			Minerclogy St	af preacut in		
	92.0	94.0	2	86.		rgillite ->	similar to above	- where zones of gute	-silicification, some	- P0+ Ty+		10	2
					hornbeloic he	I'ved tabul	ar (Ampibola) domin	etes, and others where,	around gtz veines,	found in m	assic form	500	4.
		• • •			although st	ill hon le	bic do not exhib	if such cyptal growth.	chlorite also in assoc.				
					A noticeable	e change	exists at 93.3 u	here the hornful gives	with veining		disseminates		
					hay to a An	gillite in	th cryptic banding	and some hornfeloic	Carborate in veins (possib	grains in Y	torafel o		
						12. 210.		frequency is low, with revolut in the Argillik.	avan mile)	Argillile Us			
					at vin @	92.1 is-	well Brazinted with	Lalferation halo, Anapori and is chlorite, mighe. 2 92.9. 85 to C.a.		po 3 %m.	vens		
					Sulphides in	netuding "	pypo, sphi Roofor	and is chlorite, mughe.		5ph 1 %			
					epidote . at.	50° to C. C	2. Similar band	2 92.9. 85° to C.a.		py+py me	dessen. = 2°s		
	94.0 m	96.0m	2.							-po found in	blegs in	250	2
ž		1			slight hours	elsic textu	er dominatio. 94.6	my silicified Argillite with -> 96.0 the Hornfel	chloritize tim, and	Argeble 11 to	folliation	50	
		•.		ľ	Proper predo	minates.	Argillile is grey	in color with moderate to clomate to lobe a 60 to c.a.	Some gropplite particularly	also found	à disserin		
-					gtz vening	, and su	lobudo presenta	is clomate plaba	at . 94.6, (ie shere	grains pyr Minute string	ers.		
					perhaps defi	ininga b	pliation. gtz ven	, @ 60 +0 C · Q.	zone due to change in	Sulphides 24	po) also		
			·		946 - 96-0	monofore	ous poorly folicite	amphibole dominetty	competency of 10ct.)	I alsonel	~~ (<i>0</i> + 2 ·		
					Sillagree N	onfel.	9+2 vento 95.	1 Builling at. 25 to c.a.		po - 7 10	? Dissen juli		
					ut n ghere	C gtz ve	instructing."	d amphibole dominated 1 Outling at. 25° Loc. a.		42-10	,		
		-					-			PO - 3°2	ofvein		
										po - 3°3 py - 18	~ V		

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	···	*				DRILL	LOG				SHEET I	NO.
							NORTH	EAST	ELEV	ATION	17	· · · · · · · · · · · · · · · · · · ·
	OCATION				CO-OR	DINATES					14	34
1	DATE STAR	TED		DATE COMPLE	TED	Hole Attitude:		ing: Dip: ing: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE N	0.
						Horizontal Pro	<u>Depth - Azimuth Bear</u>	ing: Dip: ical Projection:			D.D.H.	
	DEPTH		RE					·		4	STRUCT	URE
From		***	%Rec			LITHOLOGY		ALTERATION		LIZATION	F V⁄m	F/m
96.	0 98.0	2.	100%	Hornfelsi	c Argelli	'é - Lithology gr	ander from horafel at	- silicic alteration		miraclisation	100 3	12
1				96.0-to 0	لم ۲۰۰۰ سمنهم	Argillite rock w	the hornfelsic impression	- common to periosio.	still present		150 -	
				184 more	cryptic.	provillite at hop	15x.96.4 m. In addition	- with fells pur alteration	venilets 11	4 prison	302	12
				an increase	- in the n	nino veinlais of gr	te is shown. At 96.4	bein; - some cherrite.		sortines devel		
- f.,.			1 1	there is a gt.	L voin lan	mide with an eyeen	Ily wide Alkrahm halong	is also present, and	i V.	sive plebs.	117 1	
	ver the second			gh + Jelds,	on alterit	From @ 45 to c.a.		graphile, both assoc	- sulphides	generally -		
	A AP			varide Be	it approx	450 to c.a. A	fler this vein the Argillite		found in b	esso gtz.		
	-			Being	lite high	b bradened and	precipited bollistim here	of shearing.	or in gtz	veinlets, or		
	1		1	difficielto	Ul, with	veips at 30° to	c.a. The lithology		silicified	res.		
}	1			changes at	96.8 b.	uck to a more si	licit, gray hornfelsic		po - 1º10	total desseni		
				Argillite. N	ble that a	of the "contact" -	have is extensive		Py- 2%	stringers.		
1.				silicificati	m and br	recciation @ 40°	to C.a. At. 97.1		-scherlite :	rai at 96.		
				a highly b	receited,	graphilic, silicic	zone exists. A fault		0000000			
				Zone, chlor	itization .	also present. little	1 sulphide conferthore.					
				6rom 71.1-7	78 Poul	C varios from 9	very Hornfelsic Argilite,					
				tou somen	had grey	, silicic Cryptic	Argillile with another					
		-	1			· · · · · · · · · · · · · · · · · · ·			0	in the second	••	
98.0	m 100.01	m 1 -	199%	Honfelsic	. Hryillite	e - Algain grade	s in and out, from a	-silicification parisus, gtz vening comon,	hu -ahe	all us	457	12
				gyptie gro	y black,	silicic, Argillite,	to a more honfelsic possist to.98.8, then	- chlorite prilite	ry' gr	1 dias	50°	
				Silicified ro	ck at 98.	3. This honfels	persist to 98.8, then	- chlonite, epidote.	plets. an	n ousser		 > .
				back to a	more gr	aphilic, silici	cryptic Argillite and	and graphthic alkantin common at	yrain our	g folliation		
	, .		l R	ouk to a	_ more !!	windday rouk a	+99. 5 Am back to					
			· •	the gray H	rgillite.	it 19.7. The drug	uny of its vens	Shear amos.	All IL	nd infortelo		
ł				marcise in t	Ne Argull	Fe, and offen d	a zoe of frinkle, or	-carbonite mineralogy	WHOUNT N	me dosety		
		·	!	meaner of	There I	10 L. D. itl	uning of ofte veins a zone of privible, or rock exist at the ies priving folliations	still emilentin veris.	associant	Siliafetton	ь,	
	-			Drimany K	11	rc. 140 CI [Noloy	ins primary follaturb		angte ve	uning.		
				@45 tp C.a	i. with	veins generally 11	folliation. one gtz		10 3 (0 V Dy- 15% V	tim		
				hillocker	1. S husi	manine po. and a	chibits good alteration		PO 3% W Py- 1% V Pr- 1% V	histor.		
L	l		L!	IT WALDA IT	wr -1 (17 7	· MT.		1	1) m - 1 / 70	dint.	1	

Ð					DRILL	LOG				SHEET	NO.
	Ċ,					NORTH	EAST	ELEVA	TION	18	24
LOCA	ATION				CO-ORDINATES			· · · · · · · · · · · · · · · · · · ·		10	
DAT	E STARTE	D		DATE COMPLETED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: ing: Dip:	HOLE SIZE	TOTAL DEPTH		NO. [1]
	•				Horizontal Proj		ical Projection:			D.D.H	. 80.
DE	PTH	CO	RE			······································				STRUC	f
From	To	Length	%Rec		LITHOLOGY		ALTERATION	MINERAL			n F/m
100.4	102.0 M	д.	100°10	Silicipitation is a	provasive, with gtz vein sx. 50° to C.a. with f.	actures & veins grandly	-Silicification some sericification about veins - chlori his alkration	- Py+ peg - - generally in nico ce vein sub p	found	· 5 5	10.
		· · ·		folliation. Mm microventils of silicified fractor	privary foliation at 0°. The silicic veins on ionligation is dominantly 1 gt. and po seens to de re exists at 101.8, he	101. 3 the follintion is again follow the associated with the ominate. A very preciates re it is at 45° to c.a.		follection a	to silica.		
102.0m	104.0m	2.	100%	102-103-Ide. With numerous Ca. 103. 1 is a Icm each side.	cypun ven of the creme cypun ven of 1-2 cm un , also some about in ver	grey Argillite - Silicfred, later. follietion at 45% to the affection halo of	-Silicificator perossio felds par alteration to (Sericite.)	- M Theratizat thronghost c geseally in f fratmes, and 50 Veny for	n He anyillite he miro-gtz		10.
		151	G	103.5-104. Portion 15 70-	· · ·	nore ary lations		linkh one not Gractures. - more massin	-assoc. with revarieties		
104.8m	106.0m	2	100%	Similar to Ak follichin here Mineralization (pore. Black Argillite f. 80-90 to c.a. with genally po) closely as	fratures 11 to follication	-silisification pervosie - servel alfestion.	-Same as al	oore.	80.	/0
	• _			105.5- 106 - L	inlt to show . however	ulc-Sillale Hornfel.				50	5

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1	I	•	· · · ·	1. - 1 1		<u>ي</u> .	DRILL	LOG	• · · · · · · · · · · · · · · · · · · ·			SHEE	<u>T NO.</u>	
4 7						•		NORTH	EAST	ELEVA	ATION -	19	a T	34
	LOCA	ATION				CO-OR	DINATES				· ·	1		27
.	DAT	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bea Depth - Azimuth Bea	ring: Dip: ring: Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO. Y	ADH
							Horizontal Proj		tical Projection:			D.1	^{э.н.} 8	0-2
••		ртн	co	and the second division of the second divisio	•		LITHOLOGY	•	ALTERATION	MINEDA	LIZATION	STF	UCTUR	E Mini .
	From	To		%Rec			LITHOLOGY		and it is in			_	V∕m F∕	
- -	106. DA	108.0m	2.	100/0	Honfelsic	Argille	2 quite Similar	- in Nature to	pervisive with servicity	- nougen	und as stringer		8	
4					100-106	with al	tineting bands of	Arey Argilli 's hornfels		in grz w	in close ass.	60		
¥ 1 A 1					list a man	re hombe	loic -tuffeoloxed	rule-cilicale horsnall	purficularly rear beins.	Link marin	a devilet B	80	7	/
					Foliation un	have well	exhibited in 70	-80° to C.a. 107.6-	wino,	et is the l	ettle to 6			
		and a second			there is a	the being	with moly vern u	sopc.a. and	· · ·	to disso	minated			
Ì	بر بیند ا				appens to	separate	He given Argullile	grow the mone		opains.				
ŧ			ľ.					illit hornspel (skern?)		90-1%				
			}		continues fro	~ 107.6	- 108.			py 25%	>			
			l	1						Mohy - tra				
			0	1.0	Unen late	To Amill.	k - 1080-100 7 . 1	1 bull colored 1						
	108.0	110.0m	12	100/	wite 01	9.2 a 1	mile sharp conta	texists between it texists between it the veinter exists at	- Silicipitation	- py + po	1 ossocielar	80		7
					and the g	ney cryr	the Argillite. A	te veinter exists at	extensive, some	with fran	funes of	70		
								The gray orgillite exists		one mil	v another.		'	<u> </u>
					La. Sm	and en	le inter Arimo A	nfelsic material again.	vein margino.	- po=1%				
	1				Politica	200-12-	a conto remover ru	og/2 ou Mirovens	- carbonate minerology still present.	Py= 1%	-			
• `					Il H - Latin	L: At	Lax 9 a contraction	gil va microvens	Siri Francis		•			
	•				020.0 A	$\Delta \perp \perp n$	ico. i a gennerg	cous gt 2 vein exists						
					x 1 1-1. 1.	~ · • • • • • •	1. Ta com mich	Massie fingrand						
•	4				supporte (po		re causis if the w	ell silirified and Qan						
•					angle of \$5	10 1.4	· •							
	110.00	112.0m	2.	10%	Horn felsie Ar	fillite - u	ell silicified with	primery folliation Q.	-Same as above -	- Sare as at	one but	80'		5 .
• •	}				1º · 1 Severa	k examples	of garnenferous	gunt vensuith	moke skurn like.	may found		170	, `	5.
					culcuroous m	verdogy,	und noly the	Punt 2 is zonenlby I being diffuse of kn	-		as bringer			5.
· ·· .	ł				impune, mil	th control	a with the hourfe	I being diffuse of kn		1 man 1	-			
		-		i I	9	cash w p	WO S ALLA	d Sili in al kastin		L'o Moly i				
ľ					- no chambre	1 ~~ MP	arvan'a 111.6.	GAVE fileron a kent			-	.		
i P		. ·			like zone a	t 111,0,	Note-mysking emp	the hole also present here.						
Ň	1	1	1	ı l			v 5 i	. 1	1	l	¥.	ł	1	r î

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U						DR	ILL	LOG					SHEET	NO.
								NORTH	EAST	ſ	ELEV	ATION	2	2
LOC/	TION				CO-OR	DINATES							20	2
DAT	E STARTE	D		DATE COMPLE	TED	Hole Attit	tude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO. Y. 1
		••				Horizontal	1 Proj		ical Projectio				D.D.H	- 80
	PTH	CO										· · · · · · · · · · · · · · · · · · ·	STRUC	
From	То		%Rec			LITHOLOGY			ALTERATI			LIZATION		m F/m
1120 M	<i>Н</i> р4.ом	2.	100%	argellite a	rth wayne requests is	e foliation	ut ab nu, hi	our 80 -0 c.a.	- Alfartion is essentially si with some all feldspors at	incification	sulphile	dominant although ou., Sphel?,	65 3 20° 70° 7	5 5
		•		be the dos	minant mi the core ai	iveral @ 11 \$ 7/6°. It.	13.72 also co	a gtz been-arogonile starm garnet. Several	- some cherri	la alkati	- ofken as to	letos or		
				related. D often with	112.8 -	GAnnots of	soc li so for	ith 9th ., is fracture and by groundness.			Jornary , 70 22. PJ 17.	with gf2.		
					····					•		······		
114.0m	116 Dm	· 8µ	95%	Hornfels vein at 1	Argilite 14.00	Similar	toat	pore> gypsam nlike none @ 114. 4. gpsm-corborate vin	-same as al	bove.	Po 1% po 1% py . 5%.	to ove	70° 61°	3
114.8	· · · ·			o to ca	cov. bor. (. at 111. 2	cpy py of	ne g	jpson-corbonate vein	· · · · · ·	• • • •	cjy, cov, trace	bor, sphel		
				•								-		
				:	• • •	·	,							
	-													

						DRILL	and the second design of the s					SHEE	ET NO	
							NORTH	E	AST	ELEV	ATION	1		<u> </u>
	ATION					DINATES						121		3
TAU	E STARTE	.U		DATE COMPLET	ED	Hole Attitude:	: Surface - Azimuth I Depth - Azimuth I	Bearing:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOI	E NO.	A.P.
	• .					Horizontal Pro		<u>Bearing:</u> Vertical Projec					D.H. 8	
the second s	EPTH.	CO			· ·									
From	To	Length	%Rec	0		LITHOLOGY			RATION	MINERA	LIZATION	F	V/m F	:):
16	118	2	6007		hove silio	orcions entelopues : 1	116.34, and bistle art 116.5	5 - 1cm biotile	· hornfols. · anvelope to v.f.g. Hoss	- 1/2% bon - 2% brad	dded po - tf.g	5 15	11-1	/m1 2 8
			7.	116.7562, Zn AL. 11-1, 11.		notic broding cles	alage 75° t.e.a. Moderate	in vin walls	s+1 lange blob	0	Sz ingty v wells			
18	120		100/0	klist from to	8.15 · 119.0	1 Interended vili	icified section with man	- qtz - cale	ailicified sen	- 1/8% hudd - 1/4% - 8° qtz v.+	· Ory .	5 5 5 5 5 5 5 6 5 6 5 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	8 2	
				2White vinlets	at 20° tici	·~ 118.8, 119.06',			de 119.85 m. ilicateskam ?)	07		5		ł
20	122	2	lozfo	X	2 Vtrico 5°, 19	150 Dithe silica envel	75tre. Several lopps Numerous vilicifier	2 120-120.15, 121-121.23	env. to at vs 120.45; ± we 200 any ti. • 67; 121.95-122	- f.g. Mes K. 55° - nur po - scheelite	so in gray gty	150	7 2 6 K	
22.	124-	2	100/0) 	0	75°. Numerous stan	silicified w	skly throughout	3 me 120.	58	3,00	2 12	20
				honds in \$10 with chase No	tim ent!	by waleits ? Vin	dby interse light gray	(70) - Cale= rilica n 121,96-122.1, 12297- 124.	ate - disprice stor	- 4-5% bleb	by & some signation	2 5°	10 14	4
				Gilici freation (dippide?) 1): Chlorite?	-philographite the 10% frag	(moliler) - boxded su gomet 123.2 - 18.	d by intense light gray minarine pa = apilote lel Relict brothes altered to	- marcof		- f.m.g. di in skaned to 123.42, 123.9	sim. scheelite sonds 12305, 8-,13.	к°		
24	126	2	100/0	Argillite Ho with several h	mfebil	Black to gray.	Weakly cilicified the	pidde. chlorit	yed notite	p. 4	to I seminario	د ۲ ^۲		i
	-				V.		2	125.91- P26.	1244.3 (65° 1 MoSn? m (30*)	1/4° /0 5m in 9	with po also,	5	22	18

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	··				•	DRILL	LOG						SHEE	T NO		
					. •		NOF	ТН	EAS	T	ELEV	ATION	5	0	· ~ .	, ,
LOCA	TION				CO-OR	DINATES		-						2	.3'	1
DATE	E STARTE	٥		DATE COMPLET	ED	Hole Attitude	: Surface -	Azimuth Bear Azimuth Bear	ing:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO.	WIT	
L						Horizontal Pr			ical Projecti				D.			2
	PTH	CO				LITHOLOGY			A1 TEDA		10000			RUCTUR	_	
From	To	Length	Tonec	A 11.1					ALTERA		MINERA	LIZATION		V∕n ⊧	_	<u> </u>
126	128.	2	100/0	Argillite	Homfels	HSabork	Weath and en	Le a Triovenout	- sotioner eile		- 26 mont	han po i 1%	•م •مرد	4	1	2
				- afris e	alc-silica		Sith several	crossen Thing	126.1-15;	1.01.9 - 10 -	C H.C.	A. 7.1. 0	80	9	18	1
				calcite Ve	m. Atz	vs. have histile sel	verges .	0	- gamet-dio	mideston	-1.9.10-1	30° gtzy V.	TB			1
				•••••	• (0		128.576	1 127-59-	- schedit	+ 126. 6m				
			· ·		•	· ·			·7	· ·	···· · ·	• • •				
			. 7	Argillite 6	Jarante la	: Moderate	enlicificatio	~ 128+14,	- as per des	ciption.	- V.f.c H.	Sy in 2 gty va		10	13	٥
128	130	2	6000	(30m Fqt	5, VS (45-55°) he				1	75 5.6	othe solvedge.	65 45			
				1 - 1 - 1 N	0 Ň			ing allong			-Vas + tr	see py in ats	V= 15-00	5	19	2
				Hedrim a biotite ?	Jeen fort	,	·				- 1/ dis	po in Lomfols	•			i
				histile '			·····		·		,	1				
· ·			7	Argillite Ho	mfols -	Perdesidely 5	ilicified the	nghout	- calc-silic		- 1/5% f.g.	no+1470 py -	150	11	12	0
130	132	2	loolo	Soveral of	n-calcite (?) This on 1st.		0	promet-direide	1		frace in gibeif.	id 5°			
				V	l				- cole-silient			Jonen	8	12	よ	0
			Į.						130.7+.82.		- minor p	ph flugite in				}
				A H.+	L. Lie	- Perdagive in	licification	132 - 133.0m				itemo + sphalen (•	-		
122-	134	2	10/00	Htgille 1+	bracters.	11++ 1	+ \11.+	t= /2) v +			= 3% m.	blobby py w.	()5	191	7	2
132	רמ		- L I	133.12,1	33.4-134.	White aty-cal	alt - Wollaron	u=(* / ¥3 #+6(- set. envito att V. (65°) 132.		gty ve on	Andre he Pote	1475			
				shows 45°.	Sheeted -	fractures 45° 17	13.5 - 13. m.		- qtz - wollast	Tonite - philogo	ite - ~ late p	······································	_ <i>7</i> 3°	7 :	31	1
						- •			- qtz - wollast - qomet skam fluorite + clot of	+ purple	- Hoszf.	a. in ate 45.45				ł
				•	•			•	133.6-7.7, 133.9 note chinete a	(45)0		-12				i
							• • •		note chlorite a	Hanto	•					
				0 11+11	P		At 1/4 1211	1111 (10)	adjacent to the	the perces		÷				1
			71	Argillile H	1 1		ar gty VS 134.		134-716 ,		- gty vs &	TO RE ' PX	45	6	15	1
134	136	7	100/00	coming disson	py - fractu	und 45°, 80% respecti	1 () (35.7.	anin oht	- yty - bioth al 135 - 136m	fretion mod	hutapt	tigether . I	8.0			•
			Ì	Qt 2 v. (20°) 13	ssilve early	ne d'15, 80% respect o clots of po, 9t. ge.	W. Carl Lasity		122 - 130m			v	158	14 1		1
				of pyrite - hi	otto styled	¥ .	_						ء ا			l

	I I	286 -				•	DRILL	LOG						SHEE	T NO).	
		•.						NOF	NTH	EAS	T	ELEV	ATION	7=	2	24	1
	LOCA	ATION					DINATES							2=	>	3.	7
	DATI	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Depth -	Azimuth Bear Azimuth Bear	ing: ing:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH		E NO.		
							Horizontal Pro	jection:	Vert	ical Projecti			<u> </u>		р.н. 8		-
	DE	РТН То	CO Length	RE %Rec			LITHOLOGY		• • • · ·	ALTERAT	ION	MINERA	LIZATION				
	136	138	2	100/0	Argillite H	omfils! (i	tic brading c	corrige 80°	Altered	- zilicificat	in mosto	- 37 m	g. blobby pg.	80°	3	5	0
					TO D		Prate stammendele		ore from, f.q.	interse the	ughort .	in this bo		°a	3		٥
					trovation		gomente, iscathened hist		mine above som	- at y vs (75")	136.66-						
					mineral W	• ()	·			137.67 (400	- n - E I		disson po.				
	4		•			-	Gar	net : prown .	much .		skam endela	ş.		-			
i				100%	Araillite	Honefols	: As about & Bion	on minuel a	sabore, all]	- intere gilie	fication	- Sprime	rsive, fra . pysit	50	3	5	D
	138	140	2	6000		I am wide a	ty v 138.3 (66°) and			138-138.78 W	k threattr.	(65°) 138.	2 , 13264, 18.7	400	2	13	D
					Vens all 15	80° +. e.a.		× 1,				- minor a	cissin po .	5	3 1		
					10.000		Go		inual ·	······			<u> </u>	_	┨──┨-		<u>}</u> -
	140	142	5	100/2	Argillite	Hornfelsi	Silicified - Rum		Hed tabular	- intense gilici.	ficiation through		issim fig. po	650	8	0	٥
	1 10	110	· .	690	light gran	greenmine	al. Pryptic bonder	65.		- aometsfrom	· interes	1 baiss	1. 9. 84	150	9	13	D
					0 7 0	0	0	0			10 - 1	- 1% Hebby	again py in				
										2 cm wi de to q	•	gtz voje	and all py in	*			
					•					-7.2. (20); 1 141. +87.52m	41.3 - 7. (6)	Y C					
			·				0			- interestin			1, d				
	142	144.	2	10000	Hraillite	sintels:	Implie bonding	65-80°, Wret	by formfolsed,			<i>n</i>	mpy, HT po	Б°	6	17	0
	•1-				porous, how	de denthy	or 15th frifill calci	te remlete	42.9-143.2m	142-4.5, 143. - mod komfel	sig - black	in siliciti		65	6	16	٥
		}			43.45-144	m - Galas	t invelopes to 45"	qt 2 Vs. 142,	142. 35 .	142.5 91		- 11/0 01950	P.O. 11011				•
					•							- 111. cuss.	poin black ho				
				1	Argillity !	lomfels : 1	10d. Homefels 1444 ation 144.5-146. 5 12-1000 wide - Venie	144.5 then gr	edationally	- numor diss silicified sect	e pidote in	- 1% diss. T	q in sil sector	15	6	6	0
	144	146	2	1000	in encoming str	mg. silicifies	Tim H4.5-146. 5	- 45 gty vs th	agareader py	silicities sect	ب ک هو.	- 126 " p	Win hourfold .	50	1		8
					section live g	out our dopes	12-1 cu wide . Yeurs	early right of	19 9 10	-		- Fluorite in	. gtz-genetv. 14	.9 0	5		2
					± v.f.g.Mo	Sr.	· · · · · · · · · · · · · · · · · · ·			••			•				
				!	Homerfels : Si	licitize the	orghort with light	quen filted me	circul,	- heatle any to	50° qty v (142)	- 3% diss. 8	ignegates prem	15	3	8	1
	146	148	2	logo			0 9	•		- gonet with 144-148.	2 (65) 0 1			19 50			
	176	170								144-1421		- Humit (p	upple in the offer	0	5	2	Э
		1					•	**				younty. 14	1.35				•

	Ū						DRILL	LOG					SHEE	TNO		
								NORTH	· · · · · · · · · · · · · · · · · · ·	EAST	ELEVA	ATION		,	1	
	LOCA	ATION				CO-OR	DINATES						24		1	
	DAT	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO.	MDI	H
		_					Horizontal Proj		cical Proj						80-	-
		PTH	CO				LITHOLOGY		AL T.5		MINEDAL	1747:04		UCTU		
	From	To	Langth	70Hec	11 (14)	Strong		- 149.5. Argillite, mod	1	- diopside - po		IZATION		V/m		-(m
	148	150	2	10-0/0	011			Bo" Numerous calette	1	20° aty (1105, ?) v.		agran 97 v. 143.	1 .1	4	10	1
					homesterd 14	9.5-150m		55° 1:49.052;	148.1-2.	01		guine teams . 1%	150	2.	3	•
					144.3-135				1 .	ling atz for fill		q. py in home				
	. .								Lass of +	florite 148.7im		2.19				
4	•			. 7	11-11	RP	atter aveillite 15	0-152m Cryptic brading	S.L.C.	151.4555	-1% braded	N. H.	700		<u>_</u>	
	150%	152	3	100/0	Hom ters		1 st alte a		Qtz 1.151.	64-7.7, 151.74-76	- 27 bleb	py 2 poin	50	ю	"	•
	·				Cleanare 90	. Stilted	concile vernic is v		carry bles	by my - mediat		151.8598	150	9	10	
									hombets	- H . a	1.1	-	23			
				, 7	11 []	P +.	1 1 + 75° H	od-interve milicification	- 55° . 1/200	with grow at	-1% brade	d pur	8.0	3	12	5
	152	154	2	60%	Homer 15					, 153.84 hate	- 2/2 6/200	y in gravs	15"			
•					from 1523	to 153.46-	. Gometselverget	ofty V, 15" 153,4m.	1 convide tio	the miricages		CPY	- 65° -150	7	16	0
					Qty- Epidote	altered	d 153.53-153.13m.		- gomet de	copside - printe stor	~	2	12			
										to to corner V.		•				
									153.1- 153	3.32.						
	154	156	2	100/0	Hormfels	Moderate	Vare homelised a	raillite throughout	- silicifier	disection + mig.	add		45*	8		
		19 - 19 1 9 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -		- <u>.</u> 47	0 1.1) oo stava	with gamet selvedges.	blobs of 20	idet 154.6-7.76	orabole.	clots & poisphe	10425			
					Cupture tred	dana cle	alage 20, 41913	Note 155.6 m gty v iem				llite ; bonnete yn	15	2.	9	1
[-			154V78m(66	1,1532.05:	+ June When	Lelandy white to happor , trong p	hant		30° at 1 V /20	muide with frag	>			
					Wide contem	+ +	This died interasour	f cloudy white follopor, time p			2 frongpor	and gty of cloudy				
					giz, opean	VILA Mosz	op, co, bo times py.	L poi sple with edge phone SEG sample for polish size			friespar.	0.				
4					- Province -	0	1. 1 . 10			- <u></u>	· · ·	, 				
					Homers:	Hsaholt.	Note fragments (roft	ed?) of cloudy white (eld-pr.	- silicifi	o adjacent to	- 26 ht 1	bud py - pypetatle in vs.	55°	4	5	0
	156	158	2	100/0		duale silicific	ention 157.7-158m.	Note bronge fluorening	Jung 8th	pa- affiliate Hingametenteloge	-sphelit	- jugertaile in	2.3			
	130				lisw.	mly) in goin	ret ent. to 157.04 -7.14	1 qty vin.		-7.3, 157.047.14,	grand did	Vs'.	ور	4		0
					110-Andres -	8 0		Note bronge fluoresing 1 gtz vin.	157.44-2,49	157.84(7.)			•			
						·	• • •		15763 (65) 157.84(7.•)						
														L		

		U.					DRILL	LOG			SHEET N	0.
	1						•	NORTH	EAST	ELEVATION		2.1
		LOCA	TION			c	O-ORDINATES				- 25	34
		DATE	E STARTE	D .		DATE COMPLETED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: ing: Dip:	HOLE SIZE TOTAL DEPT		
							Horizontal Pro;		ical Projection:		D.D.H.	80-2
			РТН	COF			LITHOLOGY		ALTERATION	MINERALIZATION	STRUCT	
		From	To	Length	%Rec			150 7 100 15 11	- pink gomets to 65° at v	- DO + miner explosionite	F Vm	
		158	160	5	1		ensely gilicified . 158	5-150.7) (59.15-7.54	at 158 2m , 158.8m	- po+ mar spielente atz vs Bo', 20°.	· 65 8	в
				2	lato	159.75-7.9 m	\bigcirc		- black bistik in sil.	11 1/6	450	g
									3 me 159.75-7.9 m.	- I preaseary	Bo° X	
		1.12	وإنعاط فالجعمي		•							
	1	· · · · · · · · · · · ·					+11 01		- aginet - epidole storm	- a lay gty vs. 15° co	My 65 17	27
			· · · • • • • •	•		Hometels: 17	ray to black of the area	llite. Soleral at vison	tolds .> (60.8 (80")	-Do+ - Shelevite = gov	KI IC	27
i	•					hair bie fr. 10=2			161.9-162 m .	Solverage at. 161mg	5	
-		160	162	2	1000			لقور		161.56.		10
				_	L.	• .	· ·			1151 7 1 100 10	~	
			÷	•		.			. •• · · · · · · · ·	10 - 10	3	
	1					11. (1. 14.	side perdasule silicif	ication throughout.	- pendasive silicification	- 1/270 beddedpy.	1504	5
•						Horafels. hiter	Note	ty v counting po+sphalenil		1 10 Declared 19	50	
		1.0			.7		PIL + direct	frago 8 how section ding -		- sprachalen poer to		
		162	164	\mathcal{V}_{\cdot}	1000	at 164.4 (0-15°)		frage some portioner af		4178.167.7	32 1	6
			•	· •		enhangelow ghapt	•		e e la general en esta séc	- chalit in massin.		
						<u> </u>		· · · · · · · · · · · · · · · · · · ·		bond B5° 162.55-9	<u>~</u> .	· ·
				-		Homfols: Cu	clic bidding 750. 1	Tole "schectile in normons	- persbane silicificate	- 3% bounded po 164.	2-> 803	Þ
						hand - no po	St 167.2m.		1647; 165-166	·3m 0 1650.	S°	
					, 7	l.	2			- gtzy 15° + 164.5 co	min 15° 4	13
		164	166.	V	00			· · · · · · · · · · · · ·		clots of my wit only	have 1	12
						•	•		•	pyint offeld in sel		
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			-				• -	1. C.				
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			DRILL	LOG						SHEET	NO.	
				NORT	Н	EA	ST	ELEV	ATION	-71	2	J
LOCATION		CO-ORDINATE	.e							26	3	7
DATE STARTED	DATE COMPLE		Attitude:	Surface - A	zimuth Bear:	ing:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE N	10. MI	DH
			zontal Proj		zimuth Bear: zimuth Bear: Vert	ing: ical Project				D.D.H	80	-2
DEPTH CORE	1		zoncar Froj	eccións	VCLC				<u>ا</u> _	STRUC		
From To Length %	Rec	LITH	OLOGY			ALTERA			LIZATION	F VA	n F/m	Fran
	7 Silicifie colour exe Vim at 65	ept gray - gran in	chlowitized mwide. Rts	; 85°-90° . De section. Qtz- 10. 164.6-165 fr 164-165 m gray c	colcite .1n-5°.	hornfeler +	after biotile?	- 4 fr filles 12 or 80° (1	e mierre el part po. on be ding with po 165-166 0°) 164-165 m idded po 164.76.			\mathcal{O}^{\times}
166 168 1.88 9	Priotite alt? Relivedge for Silvedge for Silvedge for Silvedge for	My vn. Lgametsel	242 VS. 166.1, 5 - 1200 wide. 6 V t. subana.frea. 200 fe linpor ! vecae	166.45, 166.94 Rt., u. et 166.46 16.4.a. No82 edi 16.4.a. No82 edi 16.4.a. 16.4.a. 16.4.46 16.46 16.46 16.45 16.45 16.94 16.45 16.94 17.94 17.94 16.94	y atz vo.	- strong silie - f.a. bidite w. often altered to - hairline fire. w (after bi?) veut - gtz vs. with 0 setvedage chlorite set - su bporall	the po orfe - • chlouite the chlouite the chlouite the chlouite the ore 5, 15, gernet -> bistle -> also with vedges +(.	- 1/2 % diss - 1/2% diss - 1/2		83 ⁰ 50 ³ 2	6 40 5 27	0
166 170 2 1	blabs Honds <u>Giong</u> Quo -seculite VS. hair line from + pymite <u>Aplite</u> : V. + py. Lutte	mfels: 168-169, po+lesserpyrik. ty (Aplit?) contec at contact. Some q hive & arting on 65, 8 fignered, quay [ligh norrow fig. quantle pite (35). ed grante: 169.5 bo tem fine graied. (tz vs. lat 169.66)	(47), 912-felds t 65° at 169.1 more borne 7.f 60, 45° - gty 26 hd green.) 169.3 hd green.) 169.3	13 m. to 169. 38 cm 13 m. to 169. 38 cm 13 m. to 169. 38 cm 1 violite? in m 1 violite? in m 1 violite? in m 39 - 51 upper cm 1 violite? in m 1 violite? in m 1 violite? in m 1 violite? 1 violite? in m 1 violite? 1 violite	at by gtz-fib a top , Numaron ntain V.F.g Nosz tacl 65° + Hosz bel green gtz-	- numerous d white fold opport ? + epidote ?? > 169-169.2 - gtz - serieit Y. at 169.13 he granite ? Serieite alt ~	j clay from . j clay from . acion contact carbonate (65°) Weak personilla ales hight relieu	- 1/27- 1% py - 1/27- 1% py - trace pp. in quantity Fy in serie - V. f. g. Mos hairhied j ven - Mosz on f		₩ - 14	<u>1</u> 6	

Ð			- A 141			DRILL	LOG					SHEE	T NO	•	
							NORTH		EAST	ELEV	TION	2-	1	21	
LOC	ATION				CO-OR	DINATES						<u>ا کر</u>		34	
DAT	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth	Bear	ing: Dip: ing: Dip:	HOLE SIZE	TOTAL DEPTH			M.D.I	
					•	Horizontal Pro-			ical Projection:					30-2-	
	ЕРТН	CO				LITHOLOGY			ALTERATION	MINERA	LIZATION		,	RE H.	
From	То	Length	76 Hec	F. A.	10		1. 1		- numerous harbine ser?		gericite env.	F		/mN	3
170	172m	200	foofo		N I	ter Very weak der		prense 0	+ py vs. cut Mosz-gty-servs		V.f.g. Mosze	300	9	32 6	•
				g teldspor.	10m wear	Schart Enversper to al	5, 13. except 171.4 ~		- Vaque cloudy appearance	- 1/2 00	on for day + gty.		5	2	Ł
					د ر ب	+ musicor N	1.5	4	to matrix ma bb waak	Surjete	Verysionor W. H.	5 65		~ -	•
					، در بر /		interve our solvedgets "		: kaol- of feldspor or?		0				
•					- cloudy	creom. coloured fe las	pero ? in quay quarty mate	i de la							
			1	TT. A	. 10	t. sil ulitation	le : 270 inequiar fig. q	with	- few harling for carry service	- V.f.g. Hos	~ in 15=25° gty	15° -20°	10	30 7	Ţ
172	174	2m	100 0	Fine Gh	and the	+ + 1122 lon	(45)		Apyrite U	Vin	~ . 0	-20"			,
•				phenos.	l.e. tridile h	ugt, V. at 173.1m			- Weak Str. all 173.13-25		y in scricite fr	60	11	22 t	2
					\cup		grenz at		- weak kad to 2000 - weak kad to 2000 - 4152.05 (60)	1 on occo 1/47	ageneral digt				
		 		F 0	10	1 1, 0			- Strigits - py has crean		\ \	20	6	0 4	5
174	176	200	wof	1 time Gran	med blomi	to: as about . hi	t by 15-30" group gby V	3-	colore dela laspate - str. tard.	- asah	I sericte my v.				
		ł		most carry	M.S.		(^a c		- 2 qty vs. 20° at 175	2 at 175.6	(15°)	75	5	21 4	
2 2 2 2									have is an uppor wall,	1 - 1/4% py	r C	400			
									of Vugay gtz - ser - creamcolo		0.				
									of Vugan gtz- ger - exermedor folderport py stals.		·				
		· ·	- 1	Eich	ind Gran	ite: Possible core	loss 177m. Agat	ove	- Ser or gyprum - like menine	- 1/478 En.	try fors	75	3	bli	
176	178	1.38	F9%	Fine CHe				-	on 15° fr. 176.98m.	- drace u	[.J. MoSzam	0			
		· ·							- clean edouse d-seri hait him fr.	gty	vs.0	10-	2	17	}
										U	·	15°			
120	10 -	2m	1000	Fine Gro	ined Gra	mits : Cut by gran	r gtyvs at 20° t.g.e	-1	- shony sprivite hoir him for ent gig- Hosavs. 1	- fine graine	d Hoszongty	200	6	ż2 []	3
178	180	0	1000	N.S. hui	at veice	the sheeted barren	Spiniste hair him fr. 1	79.11-	fr ent giz- 1022 vs. 1		Hommont 17 11			11/2	,
	1			10- 11 Ve	Al	20° t.c.c.			- cloude de whitigh folde pour	-190m'	de la	25° 15°	$ \top $	169	-
									in envelops to gty v. at 179-	- the py on	- J.1-	<u>75°</u>			
			[F. A.	16. ·+·	Quarti, when as a	ot visible. Poarson gt. ox daupptur? on fr. 180.5-1	ŋ·\$ (₹,	- sheete a section of seri	- f.q. M. S.	· in your atays.	102	6	19 3	3
180	182	1.88	946	1 me Ulare	ath-Hossvi	(30") 180 (Ser-chancel	ox & guyptur? on fr. 180.5-1	81 (5)	clay on hair live fr. 10-15° tread.	0 15 +	ic. 2 Comme with grain in shar	15.	2	1	
				(457) (4157) (4157)	DI fiel since	finations + ur. 181,2	5-182.		Trende,	- also Most	Section.	80'	$ \cdot $	55 3	14
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1)						DRILL	LUG					SHEE	I NU.	•
							N	ORTH	EAST	ELEV	ATION	20	,	2.1
		·			CO - OR							28		34
				DATE COMPLET		DINATES Hole Attitude:	Surface	- Azimuth Bear	ing: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO. 1	MDH
DATE	E STARTE		<u></u>	DATE COMPLET			Depth	- Azimuth Bea:	ing: Dip:	BQ.			н. 8	-
			<u></u>			Horizontal Pro	ection:	Ver	ical Projection:	104.	1		UCTUR	
	PTH To	COF Langth	A			LITHOLOGY			ALTERATION	MINERA	LIZATION		V/m F,	
From	184m		92%	F. Grain	red Gran	ite: As abore. hoirline fracture	Rioten col	c 182.3-182.9	- main interestia white	- fig. M.Sy	m s-10° atay.		4? 5	
182	187m	1.01	1-0	183.4-16.	n sheeted	hoir line fracture	Tione.		to creancoloure d'siedile fr fill mining = Hosz on 0°-15°f	fill venis	y ser tatyte	200	33	71
				0						- drace pu	mile w. 56+ 45. 7	ିବି		
-								A		on di				
		,	. 7	Fine-GH	ained G	soute : Hair his mangle cast gty u. + -	ie fractu	us + sericite 20°	- 3 cm Weak Sericite envelope to 184.45m gtzv	- Fig. Mo.	32 with any	_ مح مح	52	17 1
184	186	2	iocqo	50° throighto	J. Pale +	nonsuccent aty u. + =	seciela (25	") at 184.45 m.	also 2 cm ser ent to hai.			500	5	37 7
				0.		•			line fr. 185.3m.	10		32		
									- Deaksenieite envito					
									3 gtz veinlets (20°) 185.5.	n.				
									to 3 Mosz gtz vinlets.					
				5 0	. 10	nomite: 186m-1	0171- N	increases heit his		- La Mos	2 on 60° 45°	- 190°		45 1
186	188	2m	1000							1 ' C2. P	+ + pyrite 186-18	7 250		
-								1	- mod epidete infraction	then 90,8	0°, 65° 187-189.	800	206	67 :
				0 1.4 · F		malely 186.9 m lo	100,03 ~~ 1	ighly a Here do!	in intense Sericile your 1st.	24 0		60		
				Instated	187.3te	.7. White to cream	colour min	wat hardness (2)	- 187.65 michost gty-serv. 13165 for fill gty v. 2 cm win	- note xc	ating 20° 1 45° aty ve. at 186° 7	m		, ,
				in plater on	fr.				at 187.33m		20m wide gray g	hr		
				,					- Weaker sericite in hands 187.65-188 m also 70° fr	1 00 + 1910	- comies 9 Th	~		
				•					hair hies '	fr. 80". no				
,			-1	Biotile Hor	nfelsi I	18.05 - 190 m. Bio	stile hom for	s ent m gtg.	- c.q. serieite on 50° fr 18	3 - fig. Nos	n on has line for		7	RE
188	190	2m	loo(o	and the state	in a locally	· bleached areat . (Ma - geniail	\$ 4.051 1 89.7m (56) - interne gilicified-gtzv. 188.2 (100-900); 188.4350.	Sh - aly 1"	n gtyv. valle. infr. + gtyrer 11	110		
				contains po,	1.4 + spk (+1	Der + histite & placed	p. 6 6		(80° 1 roidate)	1	the spidet.	150	5	9
					~		-		- qty-serieitet gemet 35.0 186.8, 09; 189.9.	t	١	.		
		1			•				186.8, 9, 107.7.			ł		

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<u> </u>						DRILL	LOG				SHEE	ET N	0.	
							NORTH	EAST	ELEV	ATION	2	0		<u> </u>
LOCA	TION				CO-OR	DINATES					2	7	3	
DATE	STARTE	0		DATE COMPLETE	D	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: Dip:	HOLE SIZE	TOTAL DEPTH		E NO		
						Horizontal Proj		ical Projection:				D.H.		
	ртн	CO					· · ·		1111501		STI	RUCTI	JRE	Masz
From	To	Length	%Rec	0		LITHOLOGY	0172-1019	ALTERATION	MINERA	LIZATION	F	1	F/m	Fr/m
190	192	2	100/0	Bristite H	omfel	5: 190.0-190.4;	Mit. 2 - 171. 1m	- biotite homfels cut by	+ - 14/v. f.	of py in home	35	5	2	1
				Hornfelst	rgillite :	190.4 - 191.73, 19	19-192m. Black, fig.	45° atz-ser vs. 1972-go	- pytho	in atz-ser. Vm	15	8	8	1
			-	foliation 3:			in pink brown, v.f.g gomet	? Veiro	1 191	75m (90°)	65			
100	101	٢	100/0	Black Horn	fels : 19	2-192.5, 193.15-14	2 cut by gtz vs on 50° and	- 192.05 - 192.2 Weser.	- 1% po o	20° bedding	550	10	20	ĩ
	194	-	1090	apati Ph	J. L. d.	z win lete on brodown	a i chowal so	3 min blackhom fels	chodage	5 - 192.6-1935	8 950	`		
	5.27. J				•		NP. June Hu medum		- fig. Mus	iz in gtz - ser. v	s.	14	19	'
100				Thouse Home	may con	tain v.f.g. gamets (!)). Opaline at y w(s) at 192.	home is in turn clothy	- tr. py is	v v v v v				
				ampleted no	gor bith	thin gomet betterdap). Opoline qtz v(5) at 192.4 +te py.	atzive . atz-ser us.						
							a cleado get contario numeros		- Do infie	Thurs Wats i		-7		┨───
194	196	2	60%	Motile Homy	615 . 199	- 1959 tai reven	et with fig. growite biotile	silicification of chlorit	hourse	s	45	7	16	0
1-17	-10	~		quarter vens	+ po ± ser	Fregh fra. Hetile in gr	mite + for f-m.g. tounded	of brotike homotely		in ata-suitbe	1 72	7	26	44
				quarta phenos	F.a.	Growite 195.47.	19 ban. Microfr. 5. xent Hos	- Weat spidote oute in matrix of granite.	₩5.15° in	fig. granite .	85	D I		•
			7		1 ; 196	- 196.52 m. Silici	fied out here is gty ser. V+Ne	52 - intruse generite alta	- M.S. NT	thatz ser. K	150	; 		
196	198	2	6)00	196-196.13	m also	silici (ind 196.255	52 - may be apliteorate v	of granile in Silicities	- trace .		75	1 -	20	2
				Tuesday gray	D contac	tewith silicities c	chloritize Amotele hometols	your adj 15° v. at 196.1m + Mossa	- minor	po discomina	- 5 ²		19	
			-	Laft from 19	16.52 - 10	16.75. I Hequilor	gilicities zone 196.75-		bonne	is also blobs of				'
				196.93 - gtz-	set - xpic	sote () altered contac	(300)		sph	alwite 0			{	ŀ
				bomtels.	01		twith chlorityed histo							
		·				VILLANN ARAL The	LIM . DILLCITIC MADE							
					la turis	1. In He hantined So	setion 197.6-198m.							
				11 mars ato	ACO. IP	Of citade 197	H- 198m - offsetby			••				
					lic ull	t v 102 15	and the state			•				
				notion, price	~ y swert	gty vn. 197.65m								
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							NORTH	EAST	ELEV	ATION	2	ļ	
LOCA	ATION				CO-OR	DINATES					30		34
DAT	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring: Dip: ring: Dip:	HOLE SIZE	TOTAL DEPTH	5	E NO.	
	_					Horizontal Proj	ويتبعث البعيا والبالبان التكري ومحمد ويبيها كاليت المتعاد	cical Projection:			D.1	р.н. <u>8</u> 7	5-2
	EPTH	CO				LITHOLOGY		ALTERATION		1.17 47101			RE M.
From	To	Langth	%Rec	0.1.			V C a cilicious rock with	- extrestion & chlorit		LIZATION			/ m Fr
198	200	12	100/0	11.4Q.	Homfel	- MESWIM a KOON	v. f. q. siliceous rock with	of homofols?	- po ciois V. 4. gamet selvi	t py in que, of	145	101	7
								- chilorite in hairline fo?	in generated	v. herelotisph			
				65,5,4	5 of very	amet selvedges.	All verne cut Homelels	- Chilotile in hair and f.	+ py a	+ 4.0 1		6	b
				poister q	The states and search and s	Chit abidas	gray gtz		01				
								·····	ļ	<u></u>	_	-	
برتيع مليان	1.2.1.1].		Protile Horn.	fels: 200	- 200.72 m, 201.1	2-202 mi silicificat	- Weak to moderate	~1% diss	f.a.s.fr.fillp) 5° 80°	13	B 5
200	202	2	loop	tioliter alilon	itiged-through	hout . How gray \$7, vs a	nos with gametaltedge	5) biotile Hisovaluost.	- f.g. Mosz	on gray gtz 2 gom	1 300	11	20
•					10.55- · 6 m	, 200.72-201.12m c	outouts with histile hornforts	- silicification + ablente		A Cilia and	650		. 3
				65° Short	in a lor.	Brietile not appointly	chlowingt a once the	750,201.8-19.	- q12 Vs. 3 a	gtz-feld-por-cont	45		
				Otz-feldspo	t. have folge	teccia Venis 200. a	chloritige d'on contocte.			-			
				tario ma			1 . 0 . 0 . 11 J. 2 Cha	- weahosesisite'in aptite	NO P				
0 0	204	2	loo	Black th	otile Home		· 202.8 - 203.16, 203.56 -	- hairline for in aprile conton		···· quary at vs 4			5 2
202	009		in le					ellinete subviers	- 12 diss	po y lesser py	. 78		
]. 		Aplite: 2	02.16-202	1.8m, 203, 16-203.	56m. Has 2 cm gibiers	- 3 gty us with gomet selter	tors. in home	fels.	م ا	+ }	12 3
				Contact wi	th homefoles.	3 marrow aplite du	ker (60) 203-203.16.						
				Main dyters	f aplite is a	grayin colour with li	ise a long distantial & weating						
·····				alortyed	rolle 53%		ker (60°) 203-203.16. Legylory distribute & Deakly						ŀ
2.1	206	2	101	Hamfels	304-20	5. Hy m. Black .	a horn tels after argulite	- mod. piotita Lomfols	-1/28.4. jeple	sces fig. histle		·}}-	
,-o1	200		~~ 0		$\overline{7}$	1 dulibordon 200	0	3 cm wide contact w. aphte.	in april	1. 0	40	2	2 0
				. Knodig Che	Noc weat		P1 01 011	- seriaite ent. to gty ser + biotile bearing gty vs m aplite	- Moszin	que; qty vs. 55°,	د. ه. م	0	2 3
				Aplite: 20	5.44 - 206m	n: Contact with he	rulets 75° Gty. fildspor-	2 biolité bearing gtil vs m avaité	75°	1011,	5		
				histily v. 205.	62m (33)	also 205 68 (40°) - ho	de servicite endelope.	1					
				1+ 49	(det)		y hornfels after angullite rufels 75° Aty. feldspor- de serieite endelope.				1		
	- -	•											
•	206									aces fig. tiotite te. gray aty vs. 55°,	ŀ		
		ł			•								

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4 ·	U						DRILL	LOG				SHEET	NO.	
								NORTH	EAST	ELEV	ATION	2,		
2	LOCA	TION				CO-ORI	DINATES					31		34
	DAT	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring: Dip: ring: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO. 11	CH
	-	•					Horizontal Pro	jection: Vert	tical Projection:	-		D.D.I	H. 80.	-2
		PTH	CO				LITHOLOGY	•	ALTERATION	MINEDA	LIZATION		CTURE	
÷.	From	To	Length	VoHec	0	. 10							<u>fn</u> F/ ∩	
	206	208	2	loop				+ biothe Cut by Aplite	- moderate perdaside quies alt 206.557 ., 207.64		y= =++. 45. from g		0 <u>3</u> 0	11
				·	dy kes 20	6.3363	(550), 206.9-20	7.3 m, 207.65 - 207.95	- 207.95.	- 1/4% din	my in aty vo	450 1	39	
					then by aty.	gericite. No	Sr Vain 207.95 - 20	08.08(65°). Aplite is		- to py in in	there	9.0		
	<i></i>				cut hy gty v	i locally se	nicitized. Hierofras	Turing one 15-30.		- Mos vs. :	- f.g. quante bi			
						- 0	-	V •	· · · · · · · ·	liss frequen	+ the in splite	-		
	0.0	0.	, ,	600	Aplite: 2	B. 08 - 208	45 m, 209.04 - 14	n, 209.9-210. Westly	- gtz vs hove seriette our	· - Mosz in	aty-ser vs.	15	+ 1/6	5
-	208	210	~	00 0				ur py - Mosz V. et 208.95.	- pervaside ser + chlerite	- Hace b	lebby extellui	30	·	ш
					Real & Sec	tion 18 stro	maky seriestized	f.g. gravite, moderate	alt "in quante.	dis - pr	9	100	3 25	T
					chlorife *	& bistile of	on factures.	00	0	1	\`	90		
				1		<u>V</u>		t t and a aniti	- stime micited child	t v -+ P	····· ?	17.0	23	
	210	212	2	Com	Aplite:	210 - 210	~ ~ aptite 0-16, offs	test set fig. quante	alta of fig granit		65-80 tr. Van	6		
					0.11		- 1- 1 11 47 /2°) 211.47 - 212 Strong Silicit		- 126 mg i	" difficultas	ور . د -	18	1
					cation appoint	the predates 2	"Dang biotite since na	now gty 12 (70"t.c.a) have	- MUCH SINGT		gates outr	0-0-0	10	
					hidtle sellbedg	es Race L	pidole on contact.	now gtz va (70"t.c.a) have	in homfely 211.47-212					
	2.5	214	2	1ap	R: tt II	mitals :	Black motile ho	mfels with minus	- ticample by bus shows gtz - sey = sulphide venis wi	- gin-series	te V. 212.75-8	55	5. 17	. 2
	212	•17		D	midning uny , 9	vorts, -seria	te (?) 2 orce 3 (75°) 2	12 =7212.5m to contrat H.S. clot.fmg. bio. prop. ep.	highty selvedges & outer que	ty f.g. Hosz+f	g.aggragate py	2.	6 12	2
					brotile fr sigt	vin entelog		13 Ang strange Colli	quiete envelopes.	1 01 1		80		
					Numeroush	ond soff po in	Black			- gty woodr+	ma burn histile			
	·				fortels . 4°	Jul	Hamilers	-ator coroy	• .	(B0°) 213,12-1	5 : ff. fill HoS. or.			
					- minor py	dis 2 fr. fill.	histi selve	inge for the gray gty set		ep. Niner fr.	-elso clots of poirt			
							· · ·		1		·			+
	2.1	011		,7		cous Hom-la	15: 214-2122 . C	Luptic clievage bedding 55° the gove altered to chlority with	may indicate weak prosent	ilone on both	equerant porm	125	2 124	2
	214	216	d	ט בא		contract - 1	matures 214-8-215.	Contact 90 - calaity telespor	midtotta. 1011	- 1652 in 50	· - so f- + qty . su	- 0	6 42	. 7
					gtz-serieite-	Hose vin 21	5.03 then light gree	aplite 215.03-216m.	- Cream colours of feldymor micro fracture in aplile	Yerino.		15-		
· Š					April :- niero	fracturing o	= 30°. A (in gh. serie	1 11. Sz Venis.	microfran Lult	- 1/2% diss	py in aplite			
· · · ·					Houte : micro	fracturing 0	- 30". Alen gy-selic	د مار ۲ د مار ^۱ ۲ د مار ۲ د مار ۲	1.	- 126 diss	py - april 10		ļ	1

	Ð						DRILL	LOG					SHEE	<u>T NO.</u>	
[-				NORTH	EA	ST	ELEV	ATION	0.	T.	0.1
	LOCA	TION				CO-OR	DINATES						3.	2	34
		STARTE	0		DATE COMPLE		Hole Attitude:	Surface - Azimuth Bea Depth - Azimuth Bea	ring:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOLI	NO. 1	MDH
	•						Horizontal Pro		tical Project				D.1	р.н. Е	0-2
	DE	РТН	COF	E			<u></u>	· ·					STR	UCTURE	M.S.
	From	To	Length	%Rec			LITHOLOGY		ALTERA		MINERA	LIZATION			m Fr/m
	216	218	1.8m	90%	Aplite: 21 Lial Shund and	16 - 216.447 ht green colo fillite hiote	m Microfractured much. Contactions dwith coloite and ge	h highly fractured, mod. sorty. collecte (epidole) veinle chlorite jed section from	attain apl	- 216.44-217.4:	- 12 f.a. 16 hoir hair fr. - clotos poin 217.2-4.	in a str. 	0. 18 10 28 30 20 20	3 15 FANLT	the second se
		• • • • • • • • • • • • • • • • •			Diguelly + 211.44 - 217. Bistile Hor		histlehunfels 60° A 7.43-218 m : qtz- et with faultin - the	dult located 2168m. Nosr vat 217.44 (20) trune. med section. Stearing (30°)							
	218	220	2m	670	Hornfels Ys on 50°		1) Plack He	with several gty-sericite		n-) clapes ricite va icite alla produc	- 3% 4	fill d be had p	500	16 11 7 11	a
	-	· ·			218-218.2 Inequilar of contact w encontact w encontact w indite har	the serieite the serieite the light the serieite the seriete the	e altered po bleb. v fol ed fractures in a 219.88m.	i mich of the gtz-scoll. Nasing belling plitte 15-200 . Raft of 2 cm	h aplite .	i	- atio duy + + Kess - 1/4 To V.f.g	r of gty-schette maplite 65-80° pymaplite	453		· [0]
	220	222.	1.86	93/.	galand h	p contait	20-220.87 Ent 220.87 with his ls-healed with colo	Micro focture d 5-150 hly chloritized fractured they gly-colorte-chlorite-ep	honte.	tealt proposion	(150) XWts	-py haibie ff ate-gericite- e kein 85° in homfole	5° 25° 65°	4	3 13 5 2
	Ø				Ristite Iton	21.35m	20.87-222 m. 1555	altered 221.55-222m -		epidalized.					
	222	224	dan	60%	$\mathcal{D} \cdot \mathcal{N} = \mathcal{N}$	(1)	Dl. Lt dark the	10000 , Broding 80-90°. 222, 34-7.98, Aprilomice . 18° fr. 1 223.55- 10min °t.c.a.	- interne gt alt 223.4 - Very pok ser oprikt; stor gt: v. 80°	12-153~		gtzerviqoti	15° 75°	8 3 M 3	38 9 1 ³ 1

						DRILL	LOG				SHEET	NO.	
							NORTH	EAST	ELEV	ATION	33		34
LOC	ATION				CO-OR	DINATES					57		27
DAT	E STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ring: Dip: Ting: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE		
						Horizontal Proj		ical Projection:			D.D.	н. 8 с	-2
	EPTH	CO						ALTERATION					11052
From	To	Langth	%Rec		01 1	LITHOLOGY	Phill during	ALIERATION		LIZATION			m F:/
224	226	2m	100/0	Del. N	1	1-3cm wide hours	. Relict beddung clearage intense purple. the ambiente	band 3 throughout	- 2% hed	sedtie po	360		32
	. •			hornfels. H	ighly broken	- CEXE 224.785ml	healed with chlorite speciete		_ 225.884	2/ bloby pg	5		5 2
				~				- slicified 2,000 225.75- 225.94 about at-, V 225.8 - 215.65 m. + pu 2/6 blocky py in microsofy 18.	q. H.S.	a with gray atz			
226	228	2~	60%	numerous	Pre domin	ile hottized yours a		- triotile honfels tundes		headed pat po		15 9	1
				in an or of so	at vinn	. (Much grong of y	tineng albotic a .	- in terre chlorite- «pidole alteration 227.74.82 in histolized zone.	+ pyrite a	bedding clobe Sz on ching gtzy m day fr.	7-65	11 1	2 3
228	230	2	look	Bustite	, et a	and Qta vine fo	low dearage. Aty 4.60°	- qt. Masz vs; veinlets hove chlorite alt- entelopes. - qtfeld-por+wk.ser. 229.5	- 1-2% fig.	- blobby brack	80°	7 10	56
				at 229.45m	has chlor	ite (epidete) alt- emi	Velope which breacter	- giz-decomportion of chlorite	- 2.3% m	g. py in chient		8 10	9
				histite hom				gty vs. cutting histik home(+ 229.438; 229.677; 229.4393.		a tig. py . g. in fly amero v.			-
230	232	2.	loo7.	200 230 +.11	m of chlorite	gtz i smate i vigyou	"ith, Micro fracture end "ith, Micro fracture end "20"). Aptite ent and strong h clots of MoSz 3 sericite. Heres	- sumerous hawhin fr. filled with excisite hadiate from white V. J veekly alter fig growte	contantia	vs hoirbin fr Hosz 75860 ile gtz V. which Is - from dili	900 40 40 7. 7.	1	5 19
	-			e ox lack with fine fine which the fire which the other of the other of the other ot	tite. Jaluat , c° uhich a	throughout ling the be throughout ling the be at & president Moss	clets of the Sz i stricity. Heres 2 clets of the Sz i stricity. Heres 2 m. Granite container 2% 4. 1.5 cm wide white to tomaken 4. (50.85)	4			<i>к</i> .		

1							DRILL	LUG					T NO	
								NORTH	EAST	ELEV	ATION		T	·
ļ		ATION				CO-OR	DINATES					34	1	34
ļ	DÁT	E STARTE	D		DATE COMPLE		Hole Attitude:	Surface - Azimuth Ros	ring. nt.		r			
								Depth - Azimuth Bea		HOLE SIZE	TOTAL DEPTH	HOLI	E NO.	
Ī	DE	ЕРТН	C C C	RE	l		Horizontal Proj	ection: Ver	tical Projection:			D.I	р.н. В	0-2
Ĩ	From	To		%Rec			LITHOLOGY		ALTERATION			STR	UCTUR	E Non
				0	PEQ			Nalit and QL 47	ALTERATION		LIZATION	F	V/m F/	m F./
	232	233.84		Logo	+.6. 50	uile 2	1 -	Aplite 232.86-197.	- growthe mgd - quicitized	- Koszon	- qt-1, vg. 15- Bs	° 65°		2 17
- 1					- micro fro	atured 1.	resident in the second		hyd how him for filled by	- duy la. in	home & - The S2	50		
					R. H. I.		3297-233.81(m	11.1	chicite.	- at v. 2	33.84 _ contain	9.0	3 1	58
					COLOUND +10				- 75° for hole glyvswith	L.K.	Sr.			
	•••				ì				2 cm chelosite equidate en	V. 'Ù	•			
i	به میروه منع م	• •												
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	······································	DRILL	LOG (LOGGED	BY E. MESZARO	- / / lacure	SHEET NO.
LOCATION M.U.	T. Claimes	CO-ORDINATES	NORTH 501+45N	EAST 492+60 E	1265m	Box1,
DATE STARTED	DATE COMPLETED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip:-90 ing: Dip:	HOLE SIZE TOTAL DEPTH	HOLE NO. M
MAY 9, 180	MAY 11, 199	Horizontal Proj		ical Projection:	BQ 200m	D.D.H. 80
	DRE %Rec	LITHOLOGY		ALTERATION	MINERALIZATION	STRUCTURE
			J · · · · · · ·		-Milleralization is	F V/m F/m
	85/0 Direck Argillike	- This Argillike exhib	its consistant cryptic	-ponicion ine graphific	essentilly po.	
	Sedding foliate	in . It's color is a	sturinely Dlack-grey.	SUICIC	Found derely associate	2
	ma brief and	e to the alternating ta	minations of graphitic	Alteration.	with the silica micro	
	The Silice is in	idet or through the	It to determine weather the organics were		Edministron, the po	
	alteret to gr	apphik, while the s	lie organics were	· · · · · · ·	is fic grained and	
warder and	form the micr	o laminations. Possi	bly half and to	, .	well disseminated in Here	
	existed. O-in.	situ serveration of sel	in + grayshile duoto pot.			
	injection of sil	icitiving Auril 1:1	and graphic anotopol.	pre l	po- 1%	
			companied the graphit	re		
		pinch and swell stre				
	as ctenulativ	n folding. This man	j'indicate a sovenhat.		••••••••••••••••••••••••••••••••••••••	
·	pun reguerz	. (le gF2. es general	britle to deformate	F 2.		
	supplier.) 1	cs upplied unless Su	Ho up and high	L		
	Anotile and	possible in line	He gt ans high			
		ybe applicible. Fo			MINIBAL RESOURCES BRANCH	
	C- tt	but a alleria	~ 60° di a an	····	ASSESSALLINT REPORT	
	Such	But generally is	neel loliation		OPI II	
	The here of	gt crossant the go	to be expected upon			
	Concering en	the boundary as is ; petancy with graph	de deformation			
	Continue ast	he meetin stlindi	ution debeloped, an	, L	NO	
	to a rentain	extent after to	he had no i all	n		
	Deriver Duda	blasts p 1	et have the	·		
	appler as so.	blusts of ytz we obser all < Bmm specking	my g rionsener group	• ·	•	
		All Al de int	Loopenel with			
-	Some more by	Alle define alera is al				
	freenies, and cr	emplation in the lamin		:		
	The Sulphile	is subjected to have	been introduced with H	~		
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<u> </u>						DRILL	LOG				SHE	<u>ET N</u>	0.	4
							NORTH	EAST	ELEV	ATION	1			,
LOCA	TION	•			CO-08	DINATES							-	
	STARTED	 }	<u> </u>	DATE COMPLE		Hole Attitude:	Surface - Azimuth Bea	ring: Dip	HOLE SIZE	TOTAL DEPTH	но	LE NO	<u>, m</u>	DH
	•••••••						<u> Depth - Azimuth Bea</u>				7	.D.H.		-
						Horizontal Pro-	ection: Ver	tical Projection:		1	1.57	RUCT	80	-2
	PTH	COF Length				LITHOLOGY	, · ·	ALTERATION	MINER	ALIZATION		V/m	1	
From				- 11							- -			
05m	07.m	2.	100%	Finely Lam	inered Gr	eg Argillite	Identile to Abore with	-Silicification &	-po. en 1					
			-	line lusin	inten of g	1/2 d gradite	Folliation is TD.	graphitie.		with gtr				
				Expensive a	montel	tolding of male	Folliation is TO?		laminae	. •				
				-	• • • • • •	Del les J & meter			TRace O	mounts.				
7.10	0	2	900	E. Law	C a. A	111 - 1 110 1	ition will above	-same at abo	re po in 1	treeso	- · -	1.	t i l	
J.Mr.			10.10	The storing	. Grey H	millife - Litike U	unation white above.	-some chloritie	. , ,	as above.	1			
ا میلا مشاها میلا	1.00			Folliation	again h	ghly golded and	contacted but trend	alteration may be		J Jpsen bleb				
التبيية ا				620				present.						
				· ·					with 60 h	abranture.				
	110	2.	1	.		and at at	THIL Tothe				-	-		1
9.0m	11.0m	La	100/0	Fire. Lam-	Oney Ky	Illie - No Change	Folliction Fo to c.a.	-sane.	in Micro I	found rein lets and				
		•		Sime place	s exchibit	souther Thecker	graphite bando or			le, along	•			
			•	g+2. parts	. (· 5 cm.).	at 10.2 a ca	graphitic bands or voorste veine exists ve will daveloped in the ant, although intrace		Boliation	Pernokorlizat	۹. ۲			
				Q 10 +0 C	c.a. Cryst	talo are attimes a	we will daveloped in the		Julphides	in that.				
		-		angunts.	Sugnas	and send pros	, al north mine							
						11. / A) /	r 11.1. 50,	· · ·			ł			
lim	13.00	2	100%	The - Lam - (Gray Hugil	he - Nochange	Folliston 50° toc.a.	same.	-po + pu					
ł	, 		•	In Places	gtz Mb	bo occur, with p	o minulgation being masses . w.1+5mm		· · · ·	also a cration	·			1
				More ende	t, as and	hadrol to entertal	Masses, altonme		with gt					.
				in size. Th	i i found	at 11. 15 11/2.	5.		TRace to	1 10.		1		
13.0m	15.04	2.	1000	Fine Lam -	Gran Avai	116 - No charm.	Follicha Jostoc.a.		-p0 + son	pyrite				
	1-1-1		- 15	Magatar	ich nones	, with mussic at	weis, Icm write exist.	Sane	Some and	bre.				
				212 5-	12 m	Here sullide a	or centration exists		and up to	0 0 -10 m				
		•		13.3	·····	+ In C IOL D	rei landelle Do		In veros	mantionad				
	•			T' fim Tra	ice anour	ה סוטו-נ טדי פי	bein (generally po).	· ·						
				Vein at 70	to c.a.		a dittata							
				Note Hune	a, ci. al	el previos serv	an gryshit./gts							
	-			ratio is.	50/50.		·							
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								, i.a.						
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					DRILL	LOG						SHEE	<u>i n</u> u.	
						NORT	н	EAS	T	ELEV	ATION			i
LOC	ATION			CO-OI	RDINATES									
DAT	TE STARTE	D		DATE COMPLETED	Hole Attitude:	Surface - A	zimuth Beari zimuth Beari	ng:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO. 7	70
					Horizontal Proj			ng: cal Projecti	مسمول نشاك السانية			D.D	.н. 2	80-
D	EPTH	COF	_	,	· ·		·	· ·			· · · · · · · · · · · · · · · · · · ·	STR	JCTUR	ε
From	То	Length	%Rec	· · · · · · · · · · · · · · · · · · ·	LITHOLOGY			ALTERAT	FION	MINERA	LIZATION	F	V加 F/	<u>/ m</u>
15:0	17.0m	2.91		Fire Lam. Orey Arg C.a. Here the of Quite monstorious.	folliction is less cres	nelated, but.	still	Sare as with silicity pervosive, a	ication with little	- Sana ao -mineralizat Speckled-ho yet in lo	tion			
روز دهاند. 				Exist, Love sulphio to 5=10%, most is enledered inp	le miveralization 4	in creases fro	morrare	gtz veinig		-sace to 1 Sulphile a Enridolytz	sures.			
17.0m	19.0m	2.0m	100%.	Fine Laminuted Grey A again zone. of incre Sulphiles, of rom the trac	ryillite Little change and silicification a anount, in the	e. follichen is seen to conce normal rook	so to c.a.	some as ab.	re.	+ Same ao a	bove.			
19.0 m	а1.0м	дт.	100%	Same is Abre - 60 becomes more convol	Illution a 50° to c wed, with gtz wo	hert increasing	follruhin somewhat.	Sane eral 872 znes pr 19.3,20.63	pore, but issont 2 20.7.	- same as a	shore.			
			ĺ	Same as above 7 21, 1 21. 7. follia	tin at 70°, cm	lik vein at	23. Dat	Sume as a	bore.	- Same ao	a how.			
				50° to c.a., little Oakite.	shlphide minindize	tion associat	ted with	· · · · · ·	•		<u> </u>	• -		
23.0.m	25.0m	2m	100%	Tine bang. Oney Hope dominant especially excessive consulting 70° to c. a.	1/2 - 10 de chaye 1 24.0-24.5, and 1 dolliarin exist	but silicipica Q4.8-25.2 r. Folliation a	here also generally	same as ab	ωι,	- no chang	e from.			
25.om	27.0M ·	2m (Same as above. Dang gli blab, 21				Some		- Same as a with small, gt 2 winds	grains in			

<u> </u>	· ·					DRILL	LOG	• • • • • • • • • • • • • • • • • • • •			SHEE	<u>t no.</u>	_4
	-						NORTH	EAST	ELEVA	TION			
LOC	ATION				CO-OR	DINATES		ł			÷		
	E STARTE	D		DATE COMPLE		Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: ing: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO./	1DIT
						Horizontal Proj		cing: Dip: cical Projection:				.н. 8	
DE	РТН	co	RE]	· · · ·]		L		UCTUR	
From	To	Length	_			LITHOLOGY		ALTERATION	MINERAL	IZATION	F	V编 F/	m
27.0	29.)	2	lino .	Fire Lam. and less a gtz : coner	Grey Avgi oncolution	folliation in 20°	as much of 2 2000, Some this was of	- Some as above.	- sphelite found. - mayfour				
29.0		2	100	Some as a clike Tike settling of Cuth like	bone -> otracture grains en geldspar?	At 29.05 what a exists It is opport fining up war	ppears and intrustie vv. 10 cm thick, shows daguances. Crystab are psouts it. at 30.8-	Same	-sulphile	present as abs in verno. animated prlow			
31.0	33.0	2	1-22	Same as a Some gtz u	bore - W.	ell haminited not	e enrichment paist. extensively completed. ation - with increased ation at 65 for a.	-same (gt 2 + graphite.)	- Sare			- ···	
33.0	35.0	2	100	Same a	s abor	-e.		Same as about	same w	ubore.			
	1				-· • ·	- -	a da ser a A ser a s	· · · · · · · · · · · ·		· .			
35.0	37.0	2	100	Fine grove Slighty mor complution more concentry	Cray Avo e silicic i in increa atont in go	villite -> 3 ano 1 was at 35-1 an used, truth pulph to zons.	a bore surth d 35.8. Here again ide confect sometof	Same.	- sulphile m - note that is often ces &t 2 veins.	curbonate ocined with			•
37. 0	39.0	Z	190	hore sulphis	1s prosent (po).	+: at 37.1. but no e gt 2 2000 at 37.7. folliation at. 70?	Same	throughout love conce slight concer				

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					DRILL	LUG		T FL FU	ATION			
						NORTH	EAST	ELEV	ATION			
									a manual l			
LOCAT	TION	_			CO-ORDINATES	a day and with Days	ing. Dip.	HOLE SIZE	TOTAL DEPTH	HOL	E NO.	MDH
DATE	STARTED	0		DATE COMPLETED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: ing: Dip:		1.	D.	D.H.	80-
					Horizontal Pro	jection: Vert	ical Projection:			STI	RUCTU	RE .
DEP	тн	COR	E				ALTERATION	MINERA	LIZATION	F	V/m	F/m
om		Length	%Rec		LITHOLOGY			- Stepe n		-		
1.0	41.0		1		Pere user trend alongs in guile silver and	above will gt? contain a lost Demarc is in (70°). From 39.7- and composition. Newsmy inter (raitons, consulation	- Sent estimate.		adout govern			
.0.	43.0	2	10	SAME in A	Bove Stighty Less	silicie well aminute arme of gtz 'Somewhat o pubstantial - is in in is stat	-San a: abore	found de la caracteria de la caracteria de la caracteria de la construcción de la constru	ligation. securitaria sales e .			
3.0	45.0	2	100	Zola hile to Salphie the rock figues,	nane nour d'a silve - agein follistion ju - [] to canistingand	in sone present of 4/2.2 nicher concentration after 70°, will most g-12 ame prossent ing. wins.	Silicic activition	, ,				-
	47 m		100	Fine-Caminda n: nor gt 2 ve tersion gaster Bold occurat	1 - 6 2 page 1/1/2 > well ins at 45.5. and 46. you considered with 45.0 - 45.3. Very a	Caminated in a milition 7. While appendiches all concertaintion at Pis difference to	-saic as above.	to see a	in in gene 120 - year 120 - year		ep-ic	
				I dentile to bein slighty penningler of	minuralized (2900) we monotonous well haping		Dane as a boot.		3			
- 41	5% N	2	150	Tele trade de	prover - follow site	d at 200, tone gt 2 112. massi - 1/200 apt 119 51 - alique a Elin - 2 cuille	SAre an allow		a grinni.			

							NORTH	EAST	ELEV	ATION		
LOCATI	ON				CO-OR	DINATES						
DATE S	STARTED)		DATE COMPLET	ED	Hole Attitude:	Surface - Azimuth Ben Depth - Azimuth Ben	aring: Dip: pring: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO. MDI-
						Horizontal Proj		rtical Projection:			D.D.	H. X 5.
DEPT		CO						·	Law an another		STRU	CTURE .
rom	To	Length	%Rec			LITHOLOGY		ALTERATION		LIZATION	FV	m F/m
1. JA 5	30 m	2	lov	Fini family Convolution a mere observation follotion	Bed Gra	g. Argillie . > 600 not presion 2 - 3 appenden 2 - 3 appenden 2 - 3 appenden 2 - 3 appenden 2 - 3	lation at 70° with Il lamineted - subjects section, got shill cons, some crossanting	-Sane - 972 ; - grophile ponusi	a sour day	spy more spy more		
3.0m 55	5.0 m	land 1	100	Sankes a as a rosuli like textus well silicit	borr => convolie e observe	Here g12 conter lod Lolliation is 1 ed. @ 53:5-5	1 is Don what higher and that, and marble 4.0 m. a 2010 06 what (purper) is concerta	Sanc	-same as			
5 M 5	7 41	2		Identicle h	ibine	1000001 52-65) with well completed. From normal 50/50 0 glz/graft. However	Sanc	same a	o abre.		
7 m 5	1 1	2		Identicle .	o Sectio	153.×50 and's	5-757m). with, 1 a mable lefte-eque.	-Sene, passio -	Lan as	about.		
M 31	' n'	Z	100	File lule 1	o duero	Section 53-15	5,55-257,59-31.	-silicit a qual to alkadia periorita.	Same as	al»		
ور ال	3 11	·Z	100	File Lanna at will for for the most zones are not arebit as for	1. Grand al 50°. A los pam	beit's - Llere and bera, and will for mint as above, how	e sun restion.	some as also	-Sa. 1 22	1 L		

9						DRILL	LOG		THE PROPERTY AND			SHEP	T NO.	-
LOCA	ATION				60-0	RDINATES	NORTH		EAST	ELEV	ATION			
	E STARTE	ED		DATE COMPLET	the second s	Hole Attitude:	Surface - Azimuth Bea Depth - Azimuth Bea	ring:	Dip	HOLE SIZE	TOTAL DEPTH	HOL	E NO 44	-
						Horizontal Pro			Dip: Dip: Dip:		TOTAL DEPTH		E NO. 14. D.H7.	4
_	HTH	_	DRE	1					in the second second			STR	UCTURE	
From	To		%Rec		112	LITHOLOGY			TERATION		LIZATION	F	V/m F/m	
	65.0	2	100	to above se	time, w	i'n well in theminate	in general charactinitie I graphicket gt., convolution I phile content prese t in closely associated with	- Same	asabox	tismell gr	to some will male dauge sin site , wi when to serie about 1%.	2		
5:01	67.0	2		Samca				· 54	1 as about	- 134.0	as diferra			
	- -		100	6										
7.5	64.0	2	60	simila la core braccia increase d cor considure	neare- irin @ 1 Solinii	67. 4. the miles	2 comenter lise and biotion was present at 70°. Numero Estangelo. 7. etc.	• Sare	en abors.	Sound in s	1 20mes			
9.0	71.0	2		Finely-Lung	Munice 1.G.	y Angilis - lella glz pich a l s precisio i do-uga	in a 60° well constituted		about	sp1 as abo	%. Jota =	· .		
	22.2			T la ser	10.	1 11 - +10 1	· 0.1 1		,	200 00	Color0			
1.0	73.0	2	2	Dicasine C 21: anenal veiscortai	ate ve	11 of landla of	il to above will il + 3.0. Alsothane at 50-60° Asse	Sanc	ron brue	- po, po, C	in wendes			
20	150			251 15%	 Constraint outraint 		enticia to provision	-		10:75%				
3.0	15.0	2	100	Rollation un	anii Ja	in 0° to 50° 4	all cronico is lander. 575°, milite polum is pirasine progress not unlike 10.	ilan.	as above.	asalme	14			

1								N N	NORTH		EAST	EI EV	ATION		ET N	Ť
LOCATI	ON				CO-080	DINATES	14				2001	ELEV	ATION			
DATE S)		DATE COMPLETES			titude:	Surface	- Azimuth Bea - Azimuth Bea	ring:	Dip:	HOLE SIZE	TOTAL DEPTH	HOI	E NO	1
					-			Depth jection:		tical Pro	Dip: Dip:			D	.D.H.	.)
DEPTH		COR	in the second se			and section in a	.,				•			the second se	RUCT	and the second se
From	To	Length		<u> </u>		LITHOL					ERATION	MINERA	LIZATION	_	Vfm	-
75.5m 71		2	100	Fine have G Inediatly piero rich 20200, but numerousisch son thronghous th Time I granistic	to Argil	ten, udi ten, ten, udi ten, ud	ghly Au action Py Sph ien Str	also me al?) are it ous of the to	leminalitican a tim of 2 sderally persistant oliarin in 70°. 75-777 m	abr						
		- 1		Fine Laminic well laminic 312. foliati						UL.	a naren dang					
79.0 1 81.	01	2	100	Fire l'annule -note that san Me gupphile	Corsig mar cha tomin to	krail's- waita a with li	S de fi	ile to 19.0, and Dennie	7779. 1 il sen lid prese 1.3	San: - brings beins.	as a stro.		98) %			
21.0m 83	3.0m	2	12	Fin lan main	1 Ging H	bg:l!b-:	ī de. de	iù to	77-79 and	Sanc	as about.					
23.0n1 83	5.0м	2	55	File for Insted	Gran. A bolistin Concol	liture of	bern. 1 Bolintun Wat E	Vine conter Vine cons i alio p 3 0.3. or	to conco prenera charter mening. Seven la rescent 2	· Same 10	as above.	c. present a	annyly at in a complementer of the complemente	1		
55.0 n! 8	7.0 m.	2	50	J durtical to / here represents h	borre	bed in so	int z	one of 3	5.1-86.1. 1. but no		p abon.	an page wa	· opening of			

	and the second sec					NORTH	EAS	т	ELEV	ATION	SHEET N	T
1.00	ATION											
	E STARTE	D		DATE COMPLETED	Hole Attitude:	Surface - Asimuth Bos	ring	Dine	HOLE SIZE	TOTAL DEPTH	HOLE NO	
	-0-20-2					Surface - Azimuth Bea Depth - Azimuth Bea	and the second se	Dip: Dip:	HOLE SILL	TOTAL DEPTH	D.D.H.	
DE	PTH	co	RE	1	Horizontal Proj	ection: ver	tical Projecti	on:			STRUCT	
From	То	Length	_	1	LITHOLOGY		ALTERAT	TION	MINERA	LIZATION	F V/m	_
				Monotonono Ti	ich init's slighty co	wolted array	- same is	abs.s.				T
87.0M	89.01	2	100	Abgetlete - No.	11: 201-11 tollichon	varries but at about	4					
C			100	70 to ca. 1	11: correst follichon a	" present in got 2						
				Microwarden 7	moughinit.							
29 0.	ain			Some us Alorn	here give below	vores wist at	-sanca.	د				
89.0,4	- 71. on	2	1ac	89.5, and 8	9.8-84-9. alsoat about the blacks 2. gti blobs subj	10.5, Lanination is	abore.					
				well distorted	about the black	ou foldovis of 30 -	۲ ۲					
				c.a. at 87.	reveluation evided is	sindle of stitution	- inine					
				Sur a Abo	a will bolistic it	4001	eis ben		-caseriall			
71.0 M	93.04		150	obten well a	e will foliation it or allocation drass for come fight in the	m. At 920 Land	- SAME a	ratore.	Sim ar Ci	4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		2		is a zone of the	Come fight is the day	vin will define			and que	ntily as		
				is in the 12. This	ine to level 15 12. 5.	and contains high	o.		Lections.	is preview		
				er analion set	is effective , not reduced	no me been of perior	f.m. ter. been	11 As boliving	•	2		
93.0M	95.0M	2		Aux (Mulland	(Brey the gillie - the	a very of anythebole	- Sare as at	barc, with	-P.O. Py	, spie.	11	
			100	The provide	res, t sulprid, sud as	aptel, 97, 20. @ 93.0.	Done epido	16 Just	is show	particulas	-	
	r, ¹⁰ - 2	- 40	"	a short introl	toplan Araillic Ve	another have bendine	the initial	ý á niha	massocie	tion with		
				il ragain 1 :	to for 10-15 cm	intere in 70' screwd	scuppli ve	ins.	the appi	idials rich		
÷	1. A.			at as -	mental parallel to f	l'ain also exist	1		po, py,	s, thal =		
				27 13.7. Ann	lync for polisted set	two ate. An externie	-	1	1-2%	- Argili Le		
	5			actuality scane	on 241215 at 94.6-	95. O. hear also is	1.1.1		Salno-			
10 1 1				under short und	grute Ulu-green.	1 trate presting florence		-	ru.	in their		
13.0 1	10.	2	1	Fire by Laminut	Gier prostile - hore the 2	rich, reiches to a mai	-Save usno	me.	1 200	-3:-	.	
2.0.1	7.041	-	10.	him a well sil	after to many bell rach and	one all when an	re Silicition	and a second	119		-1-1	
	2 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			60° Au	Giog Prostila - hore the 2 all consider race , A then enally of 96.5	- 96.8. Joliator is @	graphitic al	6. at 100	21% 4.			
k 54 i				2 . Jan In	The office seen. I this	mont with more	M				· ·	

LOC	CATION			co	ORDINATES	NORTH	EAST	ELEV	VATION		
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D	EPTH	COR				Journa				STRU	
From	To	Length	%Rec		LITHOLOGY	i un a verte	ALTERATION		ALIZATION	F V	fm F
97.04	4 99.0m		150	Silica . one the of silica . one the of this zone on apo we	Gray Anorth - States 97 will non company amphibo's grap intrus old graphitized. folia oliced.	oton in present at 96.2, ation is 70 foc. 9. Lonnas	Sanc as above	py found	the mail po throw I we in Selica r.	* ** **	
99.0m	101.0m	2		Servin I de fiel 4	to ABONE> ucli is	initial with hinor dentities which hinor dentering 30 to c.a. thereting 30 to c.a. thereting 30 to c.a. thereting 30 to c.a. thereting 30 to c.a.	- Sanc as above	2 10%	above fine growed		
	[0 3. ori		100	Fole hile to also	ore - foliation @.	50° - a few boucherd lighten. Mole consider	Sauce os a lone	Saca			
103.0	105.0 m	5		0.		olution perminent dution perminent dution is 62° 10 C.9.	Sens anabove	-some my, -la sa	rainel.		
105.0r	1 107.0 m	2	100	Same as a Tore at 105.		Jupphik Joshuid Line Cruisle + andrik 1 60°		3 ar « .	avabove.		
107.01	r 109.0m	2	(a.)	Some to almi and complain textus classes prins becoming	Shapitanit must	At 108. 7 the infinite At 108. 7 the infinite vise for man 12 li vise for man 12 li	Sant astabout	lana sal	in for 1 in 1. 1 quality 1. vin, 2. vin,		

			1	DRILL	LUG		10000000000				SHE	ET NO.
					NOF	RTH	E	AST	ELEV	ATION	SHE	1 10.
LOCATION			CO-OR	DINATES							1	
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				Hole Attitude:	Depth -	Azimuth Bear	ring: ring:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO. /
DEPTH	CORE			Horizontal Proj	ection:		tical Projec				1	D.H. 70
From To	Length %R	MC.		LITHOLOGY	1.0			12223-2333			STI	RUCTURE
	781	and the second data was not second as a second data was a second data was a second data was a second data was a	110				ALTER	ATION	MINERA	LIZATION		V/m F/m
· · ·		in the firm	11	- Frail : -> hui	die unie i	per von sel.	-same a	a e isset.	- py - 29	Sola		
109.00 111 Or	2	Selia	. Me	in and so and	3 · This	Min. blest			Sec. 1	intry ? found		
- 1. 11 1 - 0 M		Inch. Ful	in the second	Ale a la strange	Craile of Pe	Service Number			in ghe been	-, as minute		
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	- (or	An compo	uted Ave	11: 2 . In mains	in all al	A meridiant	1.1		rein	1114-115		
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		scappolite, or	a flet your	when the Till St	ting dea the	Spon on Sin	55		120 5	er en reneren en e		
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Stoll Street	100	non condo	culey, For	o ciercente 35	1. Sounde	11- 2			A marine	in , en in ser i ge.		
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		2/15	Filmfule to a	ban Section -	of finity laminted	abrie .		southing.		
/19.0m /2/	.0m		1. Warman . C.	omgliji ze dini	ton. 50.00 C.a.	silicie.				
	-			in a ministra		Sancasatione.	as has been	cosmit n.	00 PC	
			Fine hanging	Orey traj => 1	122-122 11	Same as a more	Arry 12 an	presa " in		
121:04 123	.0m 2	- 100	once again to in	and more silicia.	172-123 the section of the more convolution of a new section of the more convolution of the section of the sect		ir manine	go vern there	2	-3
			Marble like natur Mireialog once as	an foliation wer	atulingte acing ad	2	it : Opens th	at more oph	-1 1	
			Sassocule! Lith	spielole?	0		mite gt 6	eins.	4 Juin	
		1	Finite Lan instead A	all 6 - here the seat	con is quile conduted,	C	1 ° 1			
23.0m 125	Om .	2-100	and mabled . gt.	& conter in 70% or	queeter. Taliatio diffin		asal	one		
23.0m 125		1	to detrain pet	yps 50°. minnik	ligation as above.			1.4		
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12:00 27.0	r]	1.20	And the and plan	1 1 1 1	I al service a state		Po- 24			
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			in the second second	5	- 27 -		Ser	s.		
		1			2		Nov And	at higher the		
	-		Suchs Home C	Wim - Las lower	er flere and several	as abour.	A set of the set of th	addent gte	in de P	0
187.00 127,	30 2	ion.	And the second of the second se	Contraction of the second s	ren, and are conjud		the prushing	he numerouse	-160 -	1.
1912 T	r		of last like any	tal (Scansile?) The	re selliari at.		S	and the mino		
				, 122.5 -1 128			my d Han 4	Le by itself.	4 /4 -	-
			ane rich in spin	elescle, gamet . g	20. (scotion these)		N: 13 m	his infrusive	dent. 1	0
-			Lugh pop hyrite	notive tillare pilla	\$ foiling 2 25	+70°	1.			

		_			DRILL	LOG				SHEET	NO. /
LOCA	ATION			co-	ORDINATES	NORTH	EAST	ELEV	ATION		
DAT	E STARTE	D		DATE COMPLETED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: ing: Dip;	HOLE SIZE	TOTAL DEPTH	HOLE	NO. MC
					Horizontal Proj		ical Projection:	-			H. Y 3
DE	EPTH To	CO Length	RE %Rec	-	LITHOLOGY		ALTERATION	MINERA	LIZATION		CTURE .
27.011	131. om	2		Fire hancine bring , she more to a a cremilated Carrisis is 50° fu ca.	try 1/ the - have the ell Consister period atime with SD/50 From 132-131 the	gt 2 content increases	-as above .	- 20 ais	in with	_	1/m F/ m
31.0m	133011	2		At 131 a 2000 of g Finely Leminifed Gre Prised here, with gr Porisidie 20000 00 = 2000 01 Oneutral	Aigillite - The more h / graphile - The more h / graphile - 50%. spay - Cilo 2 silb.	follin domination. , with B.Gree. Howasan movinal Argilline in follinter is JD°. to co 1-2 cm thick . One polite armoun is 132.4 with at 131.8. (3 cm thile	as above.	po- 2%. now that cover that heater calls devicen 10s clouch ass	spind - 1%		
33. o n1	15.0m	2	<i>(isc</i>			polition in grandis	Sanc as about	-Sanc as	, a-Jalooso above	1	
33.01-1	(37.m)	2	loc	Scopolal of 2. the	the cover seen 's co alle lancie in p	1 with 2000 02 135.4-135.5, 136. minister the mineraly the provincing to the introvion	Osaboue.	mil the sti	ne is sulphil note, assaul win and sens s minule stri al as five g at lon is siz	1.	
ilgai	19/1. go	2		intension at 137 zones contain la	.4. 137.6 . 138	2.0, will some more: 1.0, 138.8. These is than moral (19 to 0.0 pm, t in 1.7 cm na 70°.	as above.	· Ministry associated 11.6 contr	to aconoit		

		12				NORTH	EAST	FLEV	ATION	STILL	NO.
LOC	ATION			c	0-ORDINATES				ATTON .		
DAT	E STARTE	D		DATE COMPLETED	and the second se	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dine	HOLE SIZE	TOTAL DEPTH	HOLE	NOVIC
		< 15.			Horizontal Proj			-	TOTAL DEPTH	Contraction of the second	NO. 7. 1
DE	РТН	COR	RE		norizontal FIO	ección: vert	ical Projection:				CTURE
From	То	Length			LITHOLOGY		ALTERATION	MINERA	LIZATION		Im F/m
1				Identical f.	Hipper 7 well family	tid Arge 's with appropriate	-ins above.	-as abo			
29 00	1410M	2	10	50/50 groptle	of split. Francis	There increases		in close a	found		
	111011		100	and primer, 50	0, 11, 15, - 140. 3, 1	140 1. 111.		Scan + 9.	si wein		
				11/10/06/00 .	a prime ront. Sr	.c apon Chill rove		and ough ?	1 - at-Louan	-+-	
5						argins, no observable allera	helps, folinin 2 h	re. Seconde	tlesconce.		n
	1			Aa above.	Sollation of 70° 1	sca well laminule					
2		2		will some zous	of gt 2 annine lat.	11/1.5. 1:12. here	as above	as abou			
201	143.001	-	100	conduction is a	carrie, and miscule	with Suna intert			and alater	1 1	
	11.000			nove anatrate.	1. one scipolit zui	cerists of 142.7.			:p.al + 100.		
					(F 19.			
÷											
				An above ->	here alle the lanin	abon is soulate .	as above	- as aba	c.		
2.0.1	1de Da	2		abuilt 2	nes of extensive grand	ile alin hot and		po, put - S	phal at		
3.001	13.0 M	-	100	overalition as i	- 14 P. I. Solarini	the alter hot and	0	1-3% 10	Contraction of the second s		
				Zous of sugart	let gta weining exist.	Will coppered servered	ohn				1
			ł	he we we	i 2 massive py. exist	sat 144. It is is an	1	2011 I • N			
			f	and su	to C.A. and associ	will expended some and and 1417. It is is an is will ghe + scapedie	Zone (Note flourece.	s usen b.) a	+ Scare. Zor		
			. 1	I denticle to	fibre - Dery w	ell lemmated.	as above		•		
5.0 M	147.0M	21	100	Scapstlerne a	1 11/5.011. 15.	Minulization in		- sulplude			
				appointly move ,	abundant unit in the	Annillike escil.		cirida 1 no	s, in the		
				But still cloub	abundant units in the	stringers. foll ibon		republic it	all sulphi		
				a 70°.	U			I will about	all subjection		
1				i l'a st				5014 F.	a yinl.		
10-1	100 .	2	, '	as above	very well lowing	Not a contated.	as above	- as alon	e, with		
Fat.	149. (r)-	2	100	Balation al 7	0. from 148.41-	>149 the pulicher		sulphile to	abort in		
				he was so fine	that the got shis	a juliant desugifiant	6	pel roga			
1				mild more ho	hoycron groupstow	Gillions S.	1	obisina Ble	as 145-14;		
1.1					0	V		Sulpinele.	- 2 39	1 - 1	

-					DRILL	LOG			A State of the sta	SHEET	NO.
						NORTH	EAST	ELEV	ATION	in the second	1
LOCA	ATION			co-c	RDINATES		- A				
DAT	E STARTE	D		DATE COMPLETED	Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NG. AL
					Horizontal Proj			-		1	
DE	PTH	co	RE		norrzontar Proj	ection: vert	ical Projection:			STRUC	
From	To	Length	%Rec	and the second	LITHOLOGY		ALTERATION	MINERA	LIZATION		n F/m
149.011	151.0m	2	100	As aboveveny appen to be decrea color. juile unifor information. fo/ alion	well laminted group in ping during rine to a adapt for 149.9 is at. 50° Loic.	alme a gts icen.	us above.	Do far is	concert. in concert. in Supplicate - 1-2?		u <u>···</u> m
				I derticit is abo	- AJ 157.8	a gtz rich zine	as a house	ven - su	2%. C		
3.0mj	:53.0m	2	100	appears. Here the creatated the ever the normal A	davella are al alphilo an tal	is increased here					
	1-1-1- 				· · · ·	the gle content +		- minered	links as		
153.0m	ES.ONI	2	150	Scripple contest cu on a large scale	gain become input	net, hoverer not	· os abres	above .	yatir, an		
	-			15th all at 1 31	Carroll Constraints 6	sulptude reputationaling is also subly For 154					
15 \$ 001	15.7.001	2	100	Thing langued Sing 30° to c.a. Not	Anythis nomen	wely Can in Ad P rot intruded massively	-ac above	as abo	16-2		1
				Note flourecence. M	tome of spice feation	previors examples.	8 this 15 cm intra	- Li			
\$ 7.5 m	137.001	2	'99	1 invited. 19 . 19	15 8 a long	The indicita and highly in entrois of ists. of great scapolite, with	-us above.	Le the entries	individiant int concent.		
				compared ingilis	Mar. En 151-1	1511 the how common	10 E	poppisr	i chilo	-	•

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		DRILL	LOG	EAST	FLEV	ATION	UTILL	T NO.	-
		-	NORTH	LAJI	ELEV	ATION			
LOCATION		CO-ORDINATES							
DATE STARTED	DATE CO	APLETED Hole Attitude:	Surface - Azimuth Bear Depth - Azimuth Bear	ing: Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOLE	NO:	5.1
		Horizontal Pro		ical Projection:	-		0.0	.H. 3	5
DEPTH	CORE		and the second se				STR	JCTURE	E
From To Leng	igth %Rec	LITHOLOGY	*	ALTERATION	MINERA	LIZATION	F	V/m F/	1.
59.0 m 181.0 m 2 161.0 m 163.0 m 2	100 mills por solar	Lanidel S. 19 - Profiles - 7 - 74. with crewlated for the internet and 159. al 70°. And and a gray your aller le to above - with a sink to c.a. Note list and the for c.a. Note list and all a gray obtained in 15 " to c.a. Note list and all a done - with a sink internet of a solution in 15 " to c.a. Note list and all a done of a sol optice o infrusions are chills a done gray, much pl a done gray, much pl all a done gray, much pl a done gray, much pl a done gray, much pl	Denver 70 - ca. myb of 2 ven at she as nowed. wind 161. o send in prove in bank 1.4- 162. O a zone of or al intern menor dention inchestely affection inchestely affection inchestely affection inchestely affection inchestely affection	is above	- an about - an app discolor in previon as about best mine the intra - an arit	ne . 	••		E C
1:50m / 1:50m 2	L low through Nor through Some c I lerto	Langualed Gray they the is La. and crandition of the al quite monotoring, with out. Parrilie ate heir con ross cutting fler veins.	well lan instead at	as alone	Arg. prog	m krytheb veci = 5%		over	al

D						DRILL	LOG		-			SHE	ET NO). '
1270000001				-			NORTH	EAST	E	LEV	ATION			
	ATION				CO-ORDIN									
DATE	E STARTE	D	_	DATE COMPLETE	D H	ole Attitude:	Surface - Azimuth B Depth - Azimuth B	earing: [Dip: HOLE S	IZE	TOTAL DEPTH	HOL	E NO.	Nic
					Н	orizontal Proj		ertical Projection:				D.	D.H.	12
DE:	PTH To	CO: Length	_	-	L	THOLOGY	in a strange and a	ALTERATIO	N MIN	50/			RUCTU	
				Asabou	نا برو د ک	1:3-165	and 165 - 167. Here lated, with more obse where. All other appe	as about	- La a -ali- pictus in mi	to it	unto como in other controno,	F	V/n I	F/ m
	· · 191 >n]	2	la	Als above not extensive	Son:	breakation e	in news found , how one	- es abore	unt g	.f:	-societed			
1.00.	1/30m)	2	lor	Fin by Lamin sorcetetina prominent. Zorcs less o inverse the	Aled Grey A ersed, and Pa & no D. lowing ! i my houl : i	yill's - less L'complited. minant sulph sul vertier of your gte ver	La gte content is conclue are nove viter Intrusino gte perrossive gte is ute proved intru is a higher correction	as abore	- ~	a j	s'			
	" Ś.,.		50	He a bour	1. 60.	t over 20 por	ess a higher correction	es above.	- 72 + P both a - 2 fr - 3 fr	7	t sphil minded a lens at lobel			
59e1	79.2m	2	(all)	4= above	*:			ant above	t7 2	lıç	κ ^ε γ			
		-			3		a							

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						DRILL	LOG					SHE	ET NO).
							NORTH	÷. Е.	AST	ELEV	ATION			
LOC	ATION				CO-OF	DINATES								
DAT	TE STARTE	D		DATE COMPLE	TED	Hole Attitude:	Surface - Azimuth Bea Depth - Azimuth Bea	ring:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO.	Mi
				1		Horizontal Pro:		tical Projec					D.H.,	
DE	EPTH	CO	-								and the state of the state of the	ST	RUCTU	RE
From	To	Length	%Rec			LITHOLOGY		ALTER	ATION	MINERA	LIZATION	F	Vm	F/m
17.0m	1990-1	2	600	Soliation	at 50°	to c.a. although it will be a got a straight	later , with general and veriable & Devilgent is, ascommon. No	ie silcit	cation +	1 -10 -10	El a rains aller of s mojor 3h			
77011	181 om	2	100	grey Anilits	. A 1000	trial gold with a	exemplated monoforma including of the constant of the const periods. Sevend 20000 2 exist. One of these		¢.	-pot py po and -pre zone exhibits e rathing al	is 2+2 orectration			
y sr	183.00	Z	100	Fliely Lemin a more cor	and orcy.	Orgilli = = Heri H. Crailli = = Heri H. Camilated zone.	pparent increase in mi e sigill's returned to never one toward zones create cronulations, and us yough contain 6 00.	·as abn	e.	Pot of sec Pot pog spraterite noticable rome.	mostly			
83501	185.011	 2	(ov	As abor 11:1. 20100 183.7-18 20/al + po	comment Comment 4 on row t Py pr	and clistuping and clistuping is guile domina asc.t. filicition	there with gtz Ho laninetion At it with mossive sulph is general inso	ly as al		as above Sphal + in veris -although un clusting	sphal			
[م.ك	187	2		Finely humina well lan in well dispersed day we con a	iel Gree A	orgelling - The eje - gent here has de. omnoon, and sulf when Song const here to to const		- 40 a		- Sphel 1 - Sphelly 17: 6 A	Ary. prop pro + pro, cr uccins in uccins		4	st:

							NORTH	EAST	ELEV	ATION	SHEE	
and the second sec	ATION				CO-OR	DINATES					1	
DAT	E STARTE	D		DATE COMPLET	ED	Hole Attitude:	Surface - Azimuth Bea Depth - Azimuth Bea	ring: Dip: ring: Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO. 1 ! ' ;
						Horizontal Pro	the set of	tical Projection:	-		• • • • • • • • • • •	р.н
DE	To	CO	RE %Rec			LITHOLOGY		Street Terry			STR	UCTURE
		Lengin	Tonec	F .1 10.			1. Cumpled at	ALTERATION		LIZATION	F	V加 F/m
59.0	189.001	2	· · · · · ·	die sonete	who to to recco	inted As usual	Micreligator is) but coice tribution ven contribution por pho van ina zone ~ 10 to c.a	ie si afronc. je si afrestro en graphiticalitati. per vasrie.	1 aminute	ophalont.		
89.0×1	19 1. 0m	2	100	Finily Lumin Langingled w is 50 and + Scanolic	dal Greg di portu not exile	Highlie - Here Die graver giv norsely Zoliateit.	the Argin : is well will than do the foliate Served zous of gfz		-Sphië . -ein 1-3	1 por py		
19 3.001	19 3 .0M	2	100	As above but zones of G 70% to	- highly - highly c.a.	crenulated in pla gfz, or propoli	partie. Spile.	as above	-as abou	не.		
9 3 .2r	1950nj	2	i lar	As above . in well .	- with p	J with Spiel	+ pro they	as above	-an abo	w.s.C.		
15.0 n	197327	Z	101-	Note this a	12 ven all s	, insides in the	avenulated with phils. (Por py). veis in hole are plike flow one trish	as about	- and a line - port py militari cont and anticher Verns	ins i can		

07						DRILL	LOG		2017/12/07/2017		and the second second	SHE	T NO	
							NORTH	EAST		ELEV	ATION	-		
LOCA	TION				CO-ORD	INATES								
	STARTE	D		DATE COMPLETE	the second se	Hole Attitude:	Surface - Azimuth Bea Depth - Azimuth Bea	ring:	Dip: Dip:	HOLE SIZE	TOTAL DEPTH	HOL	E NO.	14
					-	Horizontal Pro-		rtical Projection				D	D.H.	20
DEP	тн	COR				and a state of the state of the		1				ST	RUCTUR	RE
From	То	Length	%Rec			LITHOLOGY		ALTERATIO			LIZATION	F	V/n F	1
	200.0		1000	is presed ye exists with but rather a c pervosite. With mission Miner cligat Scinning Entire hor in & beha crimilation	t quile c h dishit i did gray Foliation ie sulphi to pros to pros to basic evice of ion . Fo	and Angellice -> SI roundated, and a count of 2 int lan count of 2 int lan interest about 50° da, up to 2 sto at through ou trank. Sano Rock w lanunation ic linition bariod	of vein . finever	no above Str Process. With Cpr.		00 ser 195-	197			
				is presest alumps a acgillite gli ven Scapolite He cona ispocers Scapolite Me splie bust 100 1 hangolite	Anough estocia The stocia control con	at at 1% . 101 with the g 2010 00 gf2 gf breece u 101 supplies 1 still sign of 1 still still sign of 1 still still sign of 1 still sti	total sulphite., but to concentration or concentration or perm, or gh, the best interation bled zones Bgh. Also note that to be low in the assis of 2 weins cause there spli- to be low in the assis of 2 weins to be low in the assis of 2 weins to be low in the assis of 2 weins to be low in the assis of 2 weins and the but too so	n / En t t n l n l			esources brand Ment réport	СН		