

DIAMOND DRILLING REPORT, McBRIDE CREEK  
Osoyoos M.D. 92H/1W 49<sup>0</sup>07'N 120<sup>0</sup>20'W

CLAIMS: Max 1-2; Cat 5-6; Nola 1-10, 15,  
17-24, 1 Fr.; Jam 1-2, 15-18;  
Q2, 4, 22-25; Ash 2, 4,; JJ 1-3.

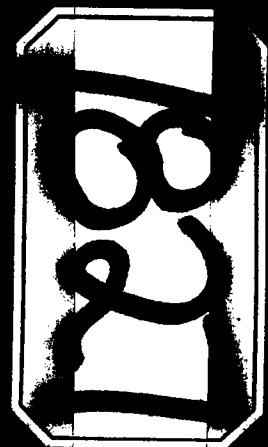
OWNER: Prism Resources Limited

OPERATOR: E & B Explorations Incorporated

CONSULTANT: E & B Explorations Limited

AUTHOR: A. M. S. Clark, Ph.D.

SUBMITTED: February 25, 1980



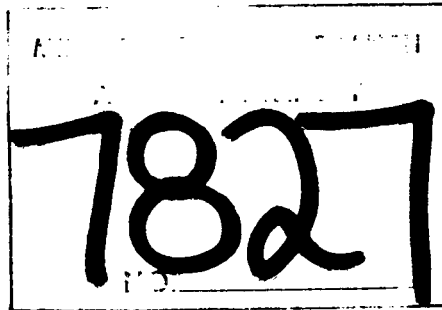
*E & B Explorations Ltd.*

180-# 27-# 7827

REPORT ON DIAMOND DRILLING  
ON THE  
PRISM - ASHNOLA PROPERTY  
BRITISH COLUMBIA  
FOR  
E & B EXPLORATIONS INCORPORATED

BY

E & B EXPLORATIONS LIMITED



Calgary, Alberta  
January 25, 1980

A.M.S. CLARK. Ph.D.  
Technical Consultant

**E & B Explorations Ltd.**

Claims Drilled: Nola 10 (DDH 79-1, 546.8 meters depth)  
Nola 8 (DDH 79-2, 119.2 meters depth)  
Nola 8 (DDH 79-3, 901.0 meters depth)

Mining Division: Osooyos

NTS Location: 92-H-1W

Latitude & Longitude: 49°07'N/120°20'W

Owners of Claims: Prism Resources Ltd.

Operator of Project: E & B Explorations Incorporated

Consultant: E & B Explorations Limited

Author: A.M.S. Clark

Date: January 25, 1980

**E & B Explorations Ltd.**

1.

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SUMMARY

Summary of Drilling

Three diamond-drill holes totalling 1567.0 meters were drilled on the property to test the molybdenum mineralization and to determine whether this mineralization increases with depth as previously postulated. Results indicate that near the center of the alteration "system" molybdenum content does increase with depth, and copper content decreases with depth. However, absolute values for both elements are very low. Nevertheless, the indications confirm that there may be an ore-deposit at depth.

Summary of Recommendations

It is recommended that:

1. Detailed investigation of the clasts in the diatreme be undertaken to determine whether the vent passes through a significantly mineralized zone, and if so approximately where that zone is situated.
2. The magnetite core-zone be surveyed with a magnetometer.
3. Thin-sections and staining techniques be used to map out the extent of the potassic alteration zone.
4. Two deep (900 meters each) holes to drilled.

INTRODUCTION

E & B Explorations Ltd. of Calgary, Alberta, was contracted by E & B Explorations Inc. of Denver, Colorado, to supervise the technical aspects of exploration of the E & B Inc./Prism Resources Ltd. ASHNOLA Joint Venture property. This report covers diamond-drilling undertaken on the property between September 24, 1979 and December 14, 1979 to test for a deep molybdenum-copper-(tungsten) porphyry deposit similar to the Henderson Mine, Colorado, as discussed and recommended by Christie (1979).

PERSONNEL & OPERATIONS

Supervision was carried out from Calgary by:

John C. Lund, M.Sc (Geology), P. Eng. (B.C.)

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Vice-President of Explorations for E & B Explorations Ltd.

and

A.M.S. Clark, Ph.D. (Geology)

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T2L 1Y3

Project Geologist for E & B Explorations Ltd. and  
Technical Consultant to E & B Explorations Inc.

Field supervision was carried out on site by:

Keith C. Fahrni, P. Eng. (B.C.)

7011 Angus Drive

Vancouver, B.C.

V6P 5J6



**E & B Explorations Ltd.**

6.

Mining & Geological Engineering Consultant  
from September 24, 1979 to October 31, 1979

and

Harold M. Jones, P. Eng. (B.C.)

c/o G.A. Noel & Associates Inc.

622 - 510 West Hastings Street

Vancouver, B.C.

V6B 1L8

Consulting Geologist

from October 30, 1979 to December 14, 1979.

Field operations were carried out from a camp near the drill-site with logistical support by truck from Keremeos. A road leads from the camp to each drill-site, but locally could only be traversed by four-wheel drive vehicles because of the steep grades.

Diamond-drilling was undertaken by Coates Enterprises of Richmond, B.C. through their field office in Kamloops, B.C., with Dave Burwash supervising. Drilling consisted of NQ reducing to BQ size holes, but because of blocky, broken ground HQ was used for the start of hole 79-3. The drilling unit was a Longyear 42 Diesel Drill.

PROPERTY DESCRIPTION

The property consists of the following claims held by Prism Resources Ltd. of Vancouver, B.C.:

<u>Claim Name</u>	<u>Record No.</u>	<u>Month of Record</u>	<u>Units</u>
MAX 1-2	14731-32E	May	2
CAT 5-6	15107E-108G	May	2
NOLA 1 Fr.	15495G	June	1
NOLA 1-10	15751-60G	June	10
NOLA 15	15765G	June	1

<u>Claim Name</u>	<u>Record No.</u>	<u>Month of Record</u>	<u>Units</u>
NOLA 17-24	15767-74G	June	8
JAM 1-2	22774-75H	July	2
JAM 15-18	22788-91H	July	4
Q2	22828H	July	1
Q4	22830H	July	1
Q22-25	22848-51H	July	4
ASH 2	15360G	June	1
ASH 4	15362G	June	1
JJ#1	660	March	10
JJ#2	661	March	10
JJ#3	662	March	1

These claims are in good standing and are situated in the vicinity of the confluence of McBride Creek and the Ashnola River, approximately 60 kilometers west-southwest of Keremeous, British Columbia (Figure 1), in the Osooyos Mining Division.

The three holes drilled were on the following claims:

DDH 79-1	Nola 10	546.8 meters depth
DDH 79-2	Nola 8	119.2 " "
DDH 79-3	Nola 8	901.0 " "

#### PHYSIOGRAPHY

The property lies within the Okanagan Mountain Range. Elevations within the property are from about 1300 meters to about 2200 meters and slopes are steep, with several rest-angle scree slopes and minor cliffs.

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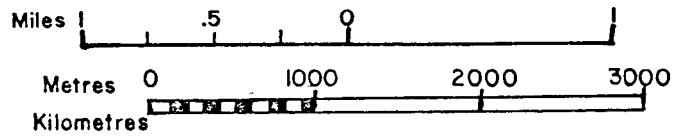
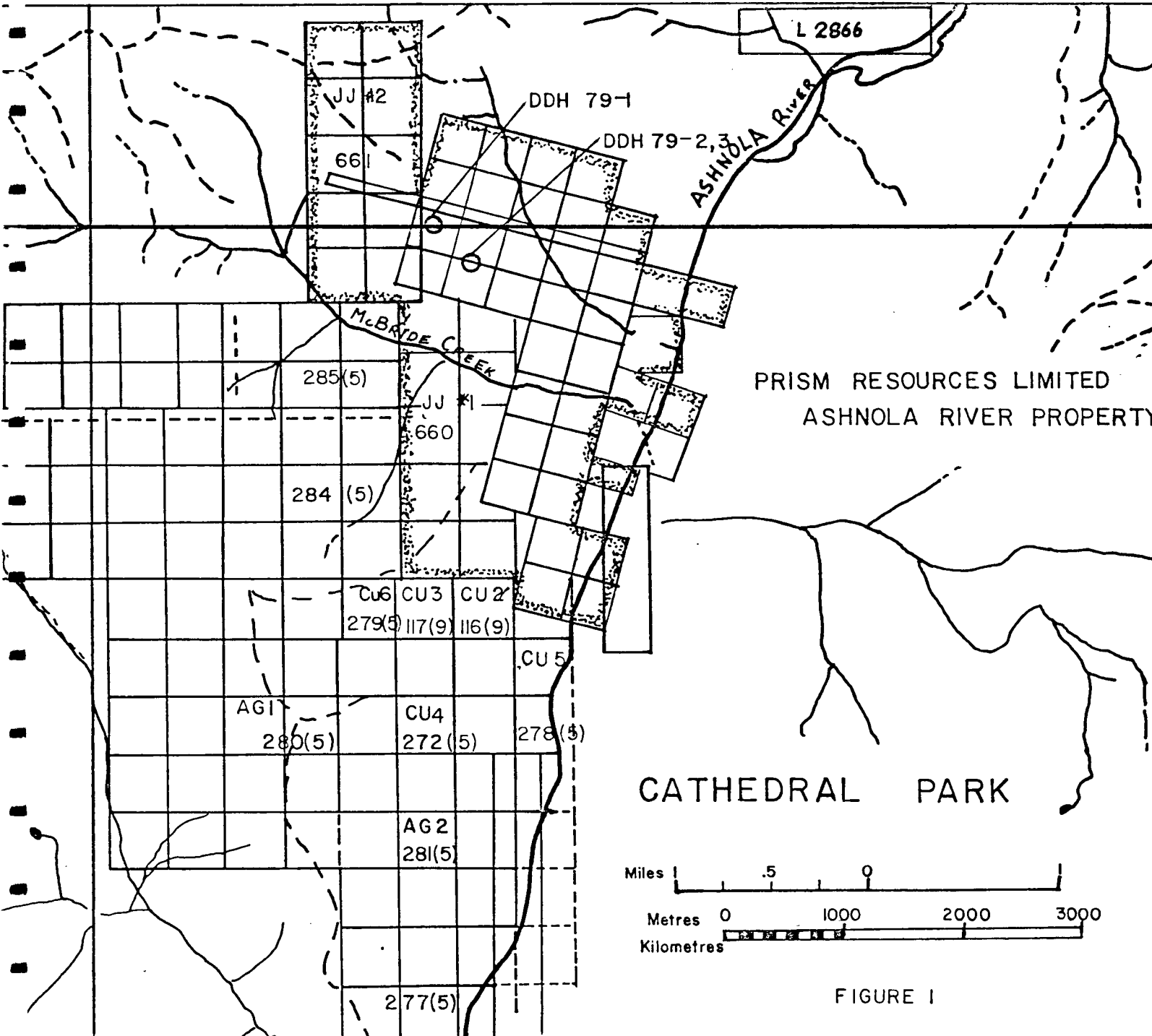
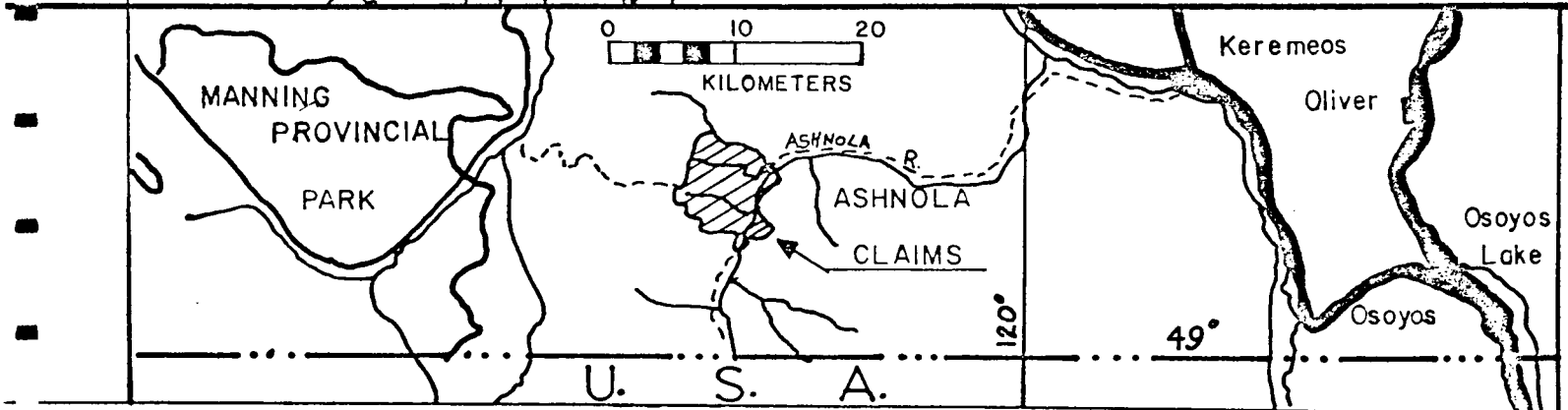


FIGURE 1



PREVIOUS WORK

In 1960 Rice published a report on the geology and mineral deposits of the Princeton map-area. Copper and molybdenum had not been recognized in the Ashnola area at the time, and the bedrock geology was given as Coast Range granitic (*sensu lato*) intrusions and overlying Kingvale group andesitic and basaltic volcanics. The rhyolites had not been recognized, but have since generally been included in the Kingsvale group (Foye, 1972).

The Ashnola molybdenum-copper mineralization was discovered in 1966 by a regional stream sediment survey and follow-up work consisted of more detailed soil sampling, geological mapping and trenching (Montgomery, 1966). Recommendations were for some diamond drilling, and further geochemical and geophysical work.

A total of six NQ-size diamond-drill holes totalling 2951 feet of drilling were completed (Montgomery, 1968). A study of the pyrite-chalcopyrite-molybdenite ratios indicated an improvement in molybdenum values with depth. Recommendations were for an additional two drill-holes. This report (Montgomery, 1968) indicates an additional nine diamond-drill holes were previously drilled by Kennco, the data for which is not available.

Sinclair (1969) wrote a review of data to date, and recommended detailed geological mapping, soil geochemistry, rock and pyrite geochemistry, biogeochemistry, an Induced Potential survey and computer analysis of geochemical and geophysical data.

Sinclair's recommendations were partly followed, and Cochrane et al. (1970) report on soil sampling, biogeochemical sampling, an I.P. survey and a magnetometer survey, which indicated a concentrically zoned geophysical and geochemical pattern. Recommendations were for trenching and diamond-drilling.

A preliminary report on statistical analysis of both the geophysical and geochemical data (Sinclair, 1971) indicated areas for further exploration in the northeast part of the property.

In 1972 Getty Mines Ltd. undertook diamond drilling (Foye, 1972) on the property. Rotary (two holes), percussion (fifteen holes) and diamond (six holes) drilling was tried, but the first two methods were relatively unsuccessful. Also two trenches were bulldozed. The drilling indicated slightly higher copper grades than previously, but still not sufficient in Getty's opinion to warrant further work, so the property was returned to Prism.

A review by Giroux (1973) suggested the e might be higher grade metal concentrations at depth below the sub-ore grade deposit near surface. He recommended several deep drill-holes be sunk.

A further review by Sinclair (1973) suggested the zoned core-area of the deposit had not been adequately tested, and recommendations were made for 4,000 feet of percussion drilling and 5,000 feet of diamond-drilling.

In 1974 a paper was published on the discovery and exploration of the Ashnola deposit (Montgomery et al. 1974) in which previous geochemical and biogeochemical

surveys are reviewed, and the statistical methods used are discussed.

A thorough analysis of all geochemical, biogeochemical, rock-geochemical, geophysical, drill and geological data by Sinclair (1975) assisted in the recognition of the parameters which define the concentrically zoned pattern and their relationship to geology and alteration haloes, and resulted in the development of a partial-cone model for the deposit. His conclusion was that the deposit, as then known, was the upper level of an idealized porphyry copper model of Lowell & Guilbert (1970).

Further statistical analysis of geophysical data (specifically of magnetometer, I.P. chargeability, self-potential and apparent resistivity) was undertaken by Sinclair (1976), who showed the usefulness of this approach to further defining the porphyry "system".

A field and office review of data by Christie (1977) noted the similarity between this deposit and the Henderson, Colorado, deposit. Recommendations were therefore made to undertake geological mapping, rock geochemistry and drill-core examination (particularly the diatreme to investigate the molybdenum mineralization in the clasts as an example of deep mineralization), and a possible follow-up by deep diamond-drilling.

Rayner and Montgomery (1977) reviewed previous data and recommended a detailed rock and drill-core geochemical study, including trace-elements, to aid in determining which of the two current geological models is more applicable to the deposit -- the "Lowell"

type (Sinclair, 1975) or the "Henderson" type (Christie, 1977). This study was undertaken by Sinclair (1978) who indicated the deposit probably was of the Cu-Mo-W type as suggested by Christie. Sinclair recommended further rock geochemistry to outline Cu, Mo, W, Sn and F zoning.

In 1979 Christie wrote a further report and evaluation of the property in which he strongly emphasized the similarity between the surface lithological, geochemical, mineralization and alteration features of the Ashnola deposit with those immediately above the Henderson molybdenite ore-body. He recommended two deep diamond-drill holes to investigate the at-depth extension of the mineralization.

#### GEOLOGY

The area is underlain by rhyolitic volcanics into which have been intruded a quartz porphyritic stock and associated dykes, a quartz monzonite pluton and a bebble-breccia diatreme of felsic composition (Figure 2) in which are molybdenite-bearing clasts. In addition later andesitic dykes cut the above rock-types. The rhyolites and the quartz porphyry have a superimposed, concentric pattern of alteration zones ranging from a magnetitic core with an adjacent, but only partially superimposed potassic alteration zone, through an irregularly developed argillic alteration zone superimposed on the (next) sericitic zone, to an outer sericitic and quartz-sericitic alteration zone (Figure 2). The zone of sericitic alteration has a partly coincident annulus of high Induced Potential chargeability, interpreted as being

a zone of higher concentrations of disseminated pyrite. A zone of limonite staining occurs superimposed on the western to northwestern side of the sericitic alteration, between the zone of argillic alteration and the high chargeability zone.

These concentric zones are all cut, in the east, by the later intrusion of the diatreme, resulting in crescentic shaped haloes.



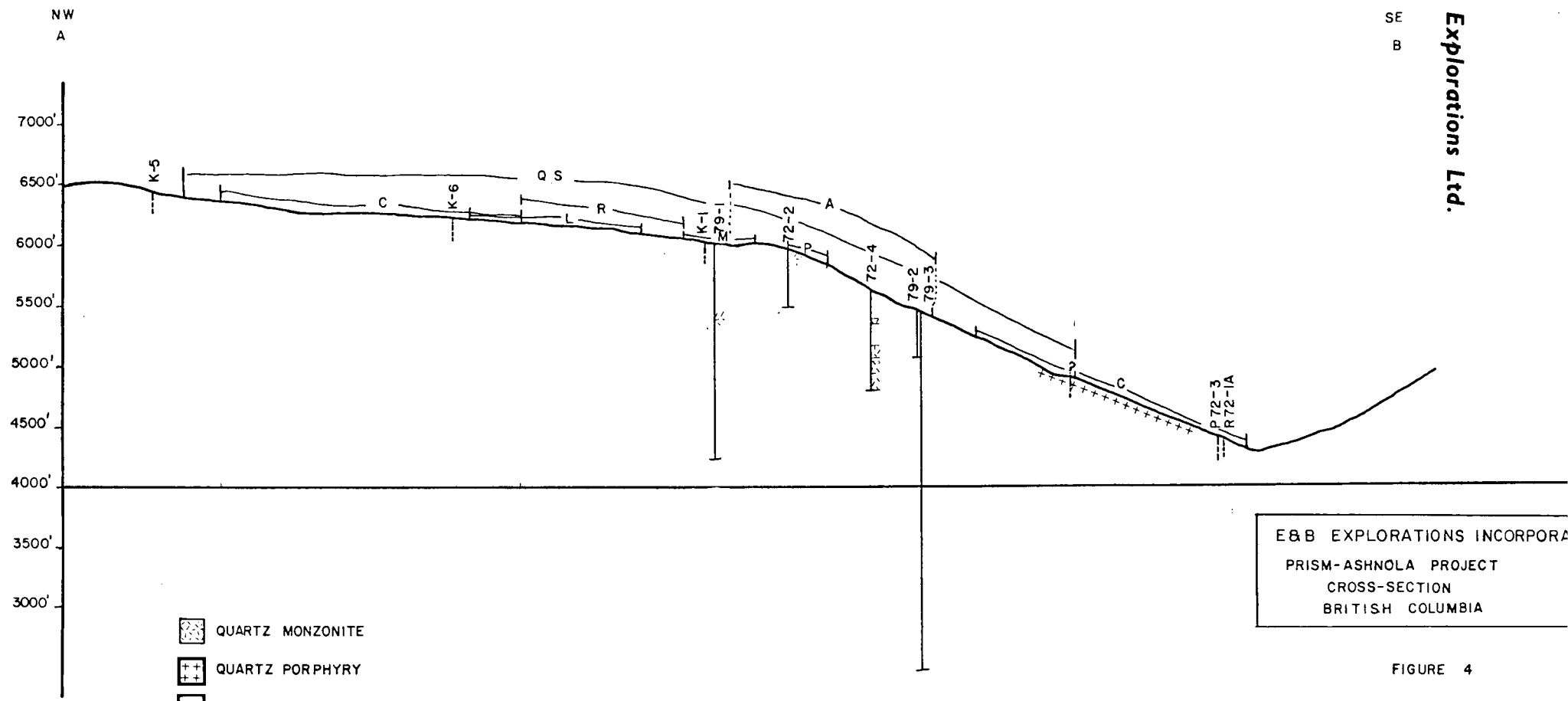
## DIAMOND DRILLING




It was originally planned to drill two 900 meter-deep holes on the Ashnola property at two sites chosen by Christie (1979). However, blocky ground and cementing problems necessitated the stopping of the first hole (79-1) at 546.8 meters and the second hole (79-2) at 119.2 meters. Because of the shallowness of the second hole, a third hole was drilled adjacent to 79-2, which went down to 901.0 meters depth. Drill-hole logs are in Appendix 1, and certificates of analysis in Appendix 2. Diamond-drill hole locations are noted on Figure 2, and a cross-section of the area with drill-holes marked, is given as Figure 4.

DDH 79-1

The drill-hole intersected rhyolite volcanics throughout its depth. The rhyolite was locally intruded by dykes or sills of quartz diorite, quartz monzonite and andesite (Figure 3). The rhyolite contains minor disseminated magnetite near the top, and minor disseminated pyrite further down the hole. Epidote, chlorite and calcite have also been recognized, and minor molybdenite is erratically distributed as disseminations and in veins throughout the hole. Core sample analytical results indicate a marked decrease in copper content down the hole, from about 0.10% near the top to about 0.01% at the bottom (Figure 3). The molybdenum content increases slightly down-hole, from about 0.001% near the top to about 0.015% near the bottom. The consequence of these variations is that the molybdenum to copper ratio (Mo/Cu) markedly increases down-hole. Quartz stringers and silicification also appear to increase down the hole.

SE  
B

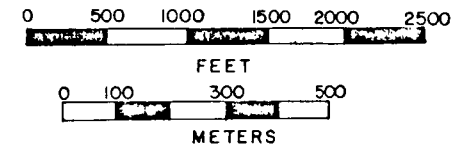


-  QUARTZ MONZONITE
-  QUARTZ PORPHYRY
-  RHYOLITIC VOLCANICS
- L "LIVING" LIMONITE
- C I.P. CHARGEABILITY HIGH
- M MAGNETITE CORE ZONE
- P POTASSIC ALTERATION
- A ARGILLIC ALTERATION
- Q.S. QUARTZ SERICITE

NOTE: ELEVATIONS ABOVE SEA LEVEL

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PRISM-ASHNOLA PROJECT  
CROSS-SECTION  
BRITISH COLUMBIA

FIGURE 4



DDH 79-2

The hole was stopped at 119.2 meters depth because of blocky ground and cementing problems.

This drill hole also intersected rhyolitic lavas and a few rhyolite dykes (Figure 5). Analytical results indicate copper is initially higher and then drops off down-hole, whereas molybdenum appears to increase down-hole on the average. The molybdenum to copper ratio (Mo/Cu) also shows an increase down-hole, reflecting these trends, but has an initial high ratio due to a very low copper value in the first sample. The hole is too short to determine whether a significant trend of metal values is established.

DDH 79-3

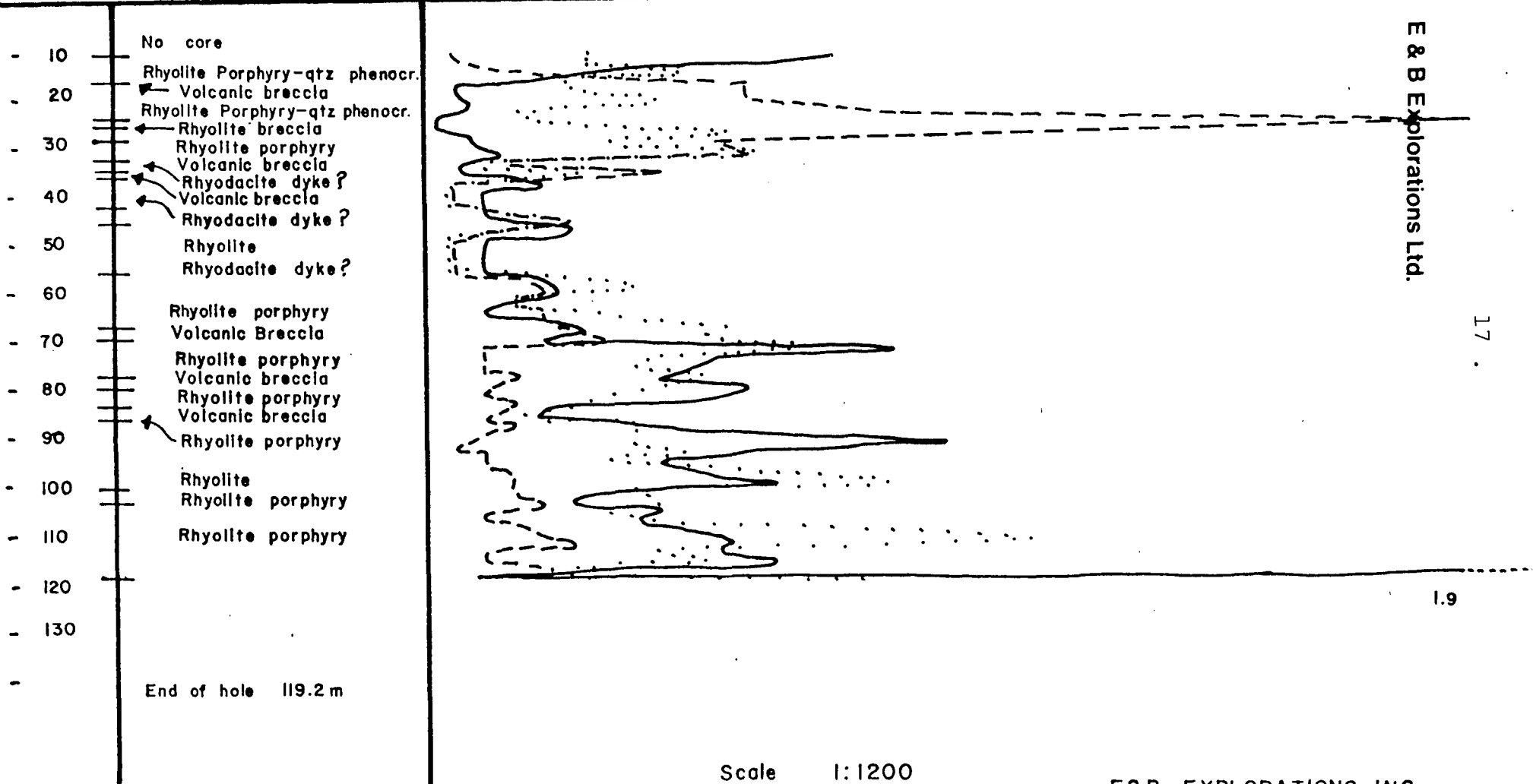
This hole is sited three meters from DDH 79-2, and was drilled to fulfill the objectives not accomplished by hole 79-2.

The drill hole penetrates rhyolitic volcanic rocks entirely. Samples were not taken for analysis in the first part of the hole, as this has already been sampled in hole 79-2. Copper analysis values are only locally above detection limits, and molybdenum values show no general increase or decrease down-hole, though a few sporadic high values do occur in the upper half of the hole (Figure 6). The molybdenum to copper ratio (Mo/Cu) also shows no general increase or decrease, though it also shows molybdenum-related sporadic highs in the upper half of the hole.

DDH 79-2

Mo/Cu	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	
Mo	0	.0025	.005	.0075	.010	.0125	.015	.0175	.020	.0225	.025%										
Cu	0	.02	.04	.06	.08	.10	.12	.14	.16	.18	.20	.22	.24	.26	.28	.30	.32	.34	.36%		

DEPTH (meters)



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17

1.9

Scale 1:1200

LEGEND  
 ..... Mo  
 ----- Cu  
 ————— Mo/Cu ratio

E&B EXPLORATIONS INC.  
 PRISM-ASHNOLA PROJECT

British Columbia

DDH 79-2

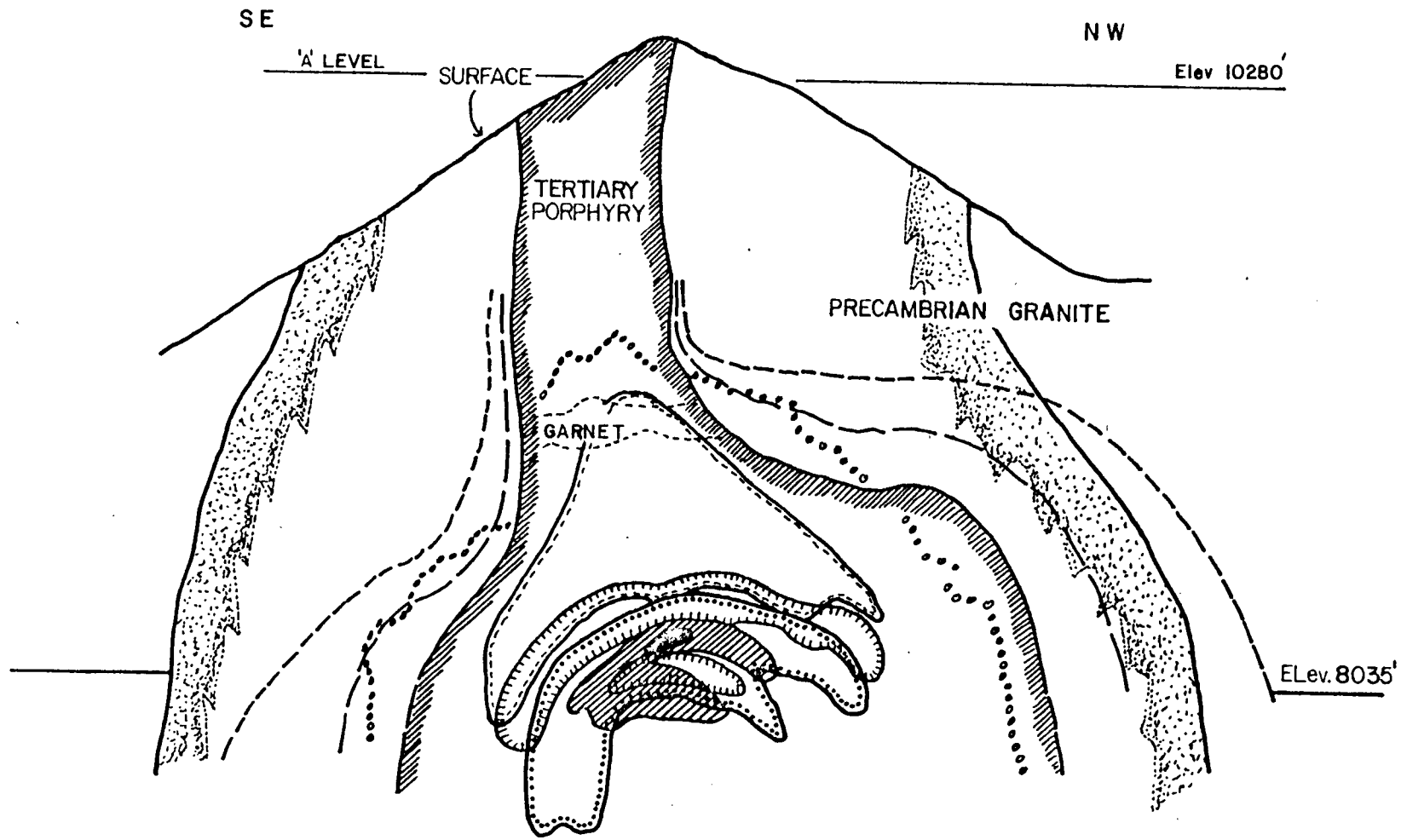
FIGURE 5

## DISCUSSION

The geological environment of the Ashnola mineralization is considered by Christie (1979) to be most similar to the Henderson porphyry molybdenum deposit of Colorado. A schematic diagram of the Henderson ore-zone, in relation to the alteration zones and other mineral zones, is depicted in Figure 7 and Figure 8, and a more schematic representation of the main-stage and late-stage hydrothermal alteration zones is given in Figures 9 and 10.

The Henderson deposit (Wallace, et al, 1978) consists of a main-stage of alteration as shown in Figure 9, thought to be related to the intrusion of the Primos Porphyry, and a superimposed late-stage of alteration as shown in Figure 10, thought to be due to the intrusion of the Henderson Granite.

The main alteration sequence at Ashnola, as presently known, is a much simplified equivalent of the Henderson sequence, consisting of a main-stage of alteration, thought to be related to the intrusion of the quartz porphyry (Sinclair, 1974 & Christie, 1977), of an inner potassic and partly coincident magnetitic zone and a surrounding sericitic zone, with an outer superimposed pyritic zone. Note that at Henderson the magnetitic zone is above, not adjacent to or coincident with the potassic zone (Figure 9). The argillic alteration zone at Ashnola is considered to be irregularly developed and superimposed on the sericitic zone and it may also be partly due to supergene processes (Christie, 1977). It is therefore possibly equivalent to the late-stage of argillic alteration at the Henderson deposit, though it does not appear to be related to the



LEGEND

- Ore body
- Pervasive silica
- Vein silica
- Quartz-sericite-pyrite
- Propylitic alteration
- K-feldspar transition
- Quartz recrystallization
- Argillic alteration
- Magnetite-topaz

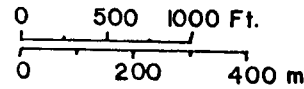
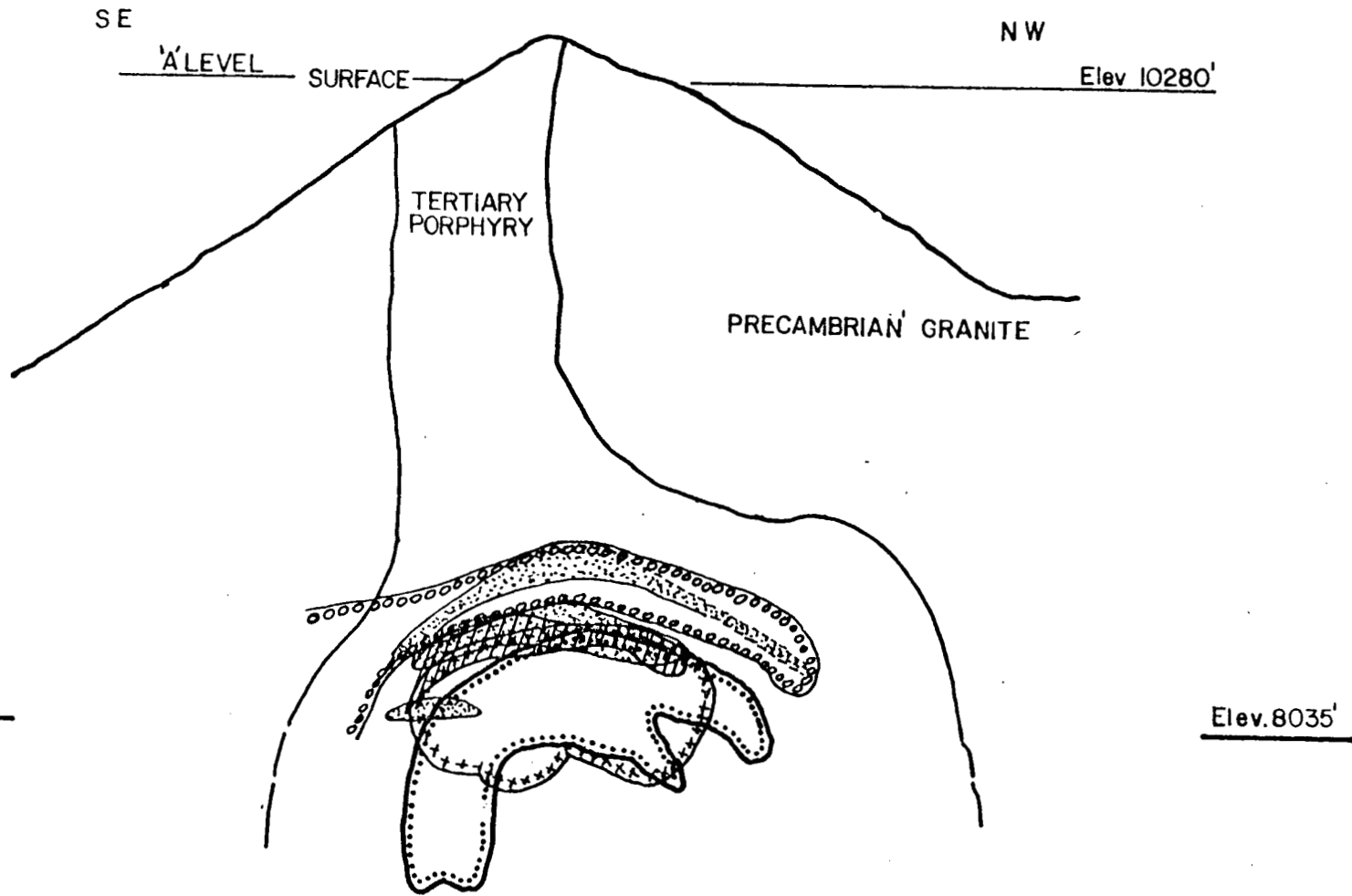






Figure 7

Schematic Cross-section of  
Henderson Molybdenum Deposit  
Colorado

Modified after Bright & White, 1975



**LEGEND**

-  Ore body
-  0.01% MoS<sub>2</sub>
-  1.0% F
-  1000 ppb. Pb

 Ba ore-related dispersion halo

0 500 1000 Ft.  
0 200 400 m

Figure 8

Schematic Cross-section of  
Henderson Molybdenum Deposit  
Colorado

Modified after Bright & White, 1975

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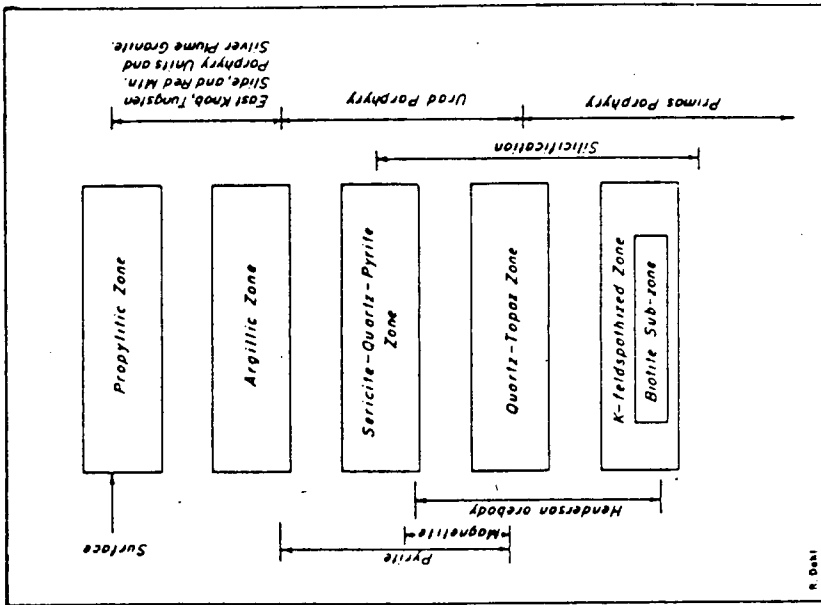


Fig. 9. Schematic representation of main-stage hydro-thermal alteration zones of the Henderson orebody. Note that adjacent zones overlap, in places extensively.

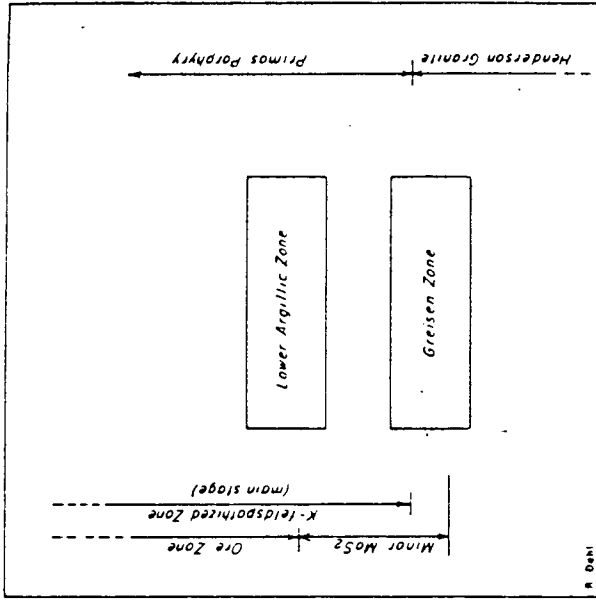


Fig. 10 Schematic representation of late-stage hydro-thermal alteration zones of the Henderson orebody.

Both figures from Wallace et al, 1978



quartz monzonite intrusion. Nevertheless, it appears to have less economic significance than the other alteration zones.

Within the drill-holes, the alteration zones are not recognizably zoned vertically. The analytical results for copper and molybdenum indicate a definite decrease in copper and increase in molybdenum content with depth in hole 79-1, an apparent similar variation is recognized in hole 79-2, but not in hole 79-3 which has generally negligible copper and molybdenum values.

Bright & White (1975) discuss the Henderson ore-body in terms of a 0.3% MoS<sub>2</sub> cut-off, and Wallace et al. (1978) mention a 0.2% MoS<sub>2</sub> cut-off. These figures are equivalent to about 0.18% Mo and 0.12% Mo respectively. Nowhere within the Ashnola system have molybdenum values this high been recognized. However, Bright & White (op. cit.) do indicate that the 0.01% MoS<sub>2</sub> (0.006% Mo) contour is usually about 100 to 200 meters horizontally and vertically from the ore cut-off contour, and extends to a maximum of only about 400 meters laterally from this contour. At Ashnola the majority of samples, even in hole 79-3, are above this value suggesting a less compact halo of molybdenum around a potential orebody. From the results of analyses of hole 79-1, it would appear that at Ashnola, a contour of 0.01% might be more useful in locating a reduced area of interest.

## CONCLUSIONS

The Ashnola deposit has the characteristics of porphyry molybdenum deposits, but drilling to date has not located any significant ore grade material. A lack of knowledge of the exact sequence of genetic events at the deposit, particularly as to which alteration zones are contemporaneous with one another or with intrusive events and which are later, has made it difficult to determine the center or centers of the system, and which intrusive events are significant in the possible development of an ore body. Drilling to date has generally been relatively shallow, but the two deep holes described in this report have not located any suggestion of an ore-body. It is possible, with the lack of knowledge of alteration sequence, that these two deep drill-holes were incorrectly located and that they may have straddled an ore body, or even been drilled in the wrong area. The center of the main pattern of alteration is about 350 meters north-northeast of the zone of magnetite alteration as shown on the map (Figure 2), and has been cut by the later intrusion of the diatreme. Also, the extent of both the magnetitic and the potassic alteration zones is somewhat larger than shown and may extend further north-northwest.

Chemical analysis of the drill-cores for copper and molybdenum indicates that hole 79-1 shows both a distinct increase in molybdenum content and a decrease in copper content with depth. Hole 79-2 may indicate a similar trend and hole 79-3 definitely shows no trend at all. It would therefore appear that hole 79-1 is nearer the center of mineralization.

Also Christie's (1977) interpretation of a possible ore body at depth is supported by this data.

RECOMMENDATIONS

The recommended program of follow-up work is planned to aid in the siting of further drill-holes by resolving the genetic sequence of intrusive and alteration events, and by determining the center or centers of these events. The recommendations are:

1. To map, sample, describe and assay the clasts of the diatreme, in order to determine those clast lithologies that are mineralized, the mineralogy and distribution of this mineralization within the clasts, the distribution and size of these clasts in the area, and the analytical results for copper and molybdenum. This is to try and "see" the deep rocks that the diatreme has passed through. Particular attention should be paid to sampling the western limit of the diatreme as it cuts through the center of the alteration pattern.

2. Undertake a detailed proton-magnetometer survey of the magnetite core-zone to determine its extent and shape. This survey to be controlled spatially by a grid, and in magnitude by use of a base-station recorder.

3. Make thin-sections of selected drill core and hand-specimens from surface, to determine quantitatively the degree of potassic alteration, by direct visual means and by staining, in order to quantify the potassic alteration zone.

4. Another two deep (900 meters each) diamond-drill holes sited so as to intersect the center of the system.

**E & B Explorations Ltd.**

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CERTIFICATE

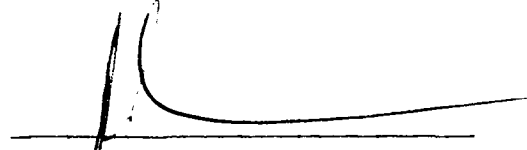
I, ANTHONY M.S. CLARK, Geologist, residing at 2205, 3500 Varsity Drive N.W., in the City of Calgary, in the Province of Alberta, hereby certify that:

1. I received a Bachelor of Science degree in Geology from The University of Cape Town, Cape Town, South Africa, in 1963, and a Doctor of Philosophy degree in Geology from the Memorial University of Newfoundland, St. John's, Newfoundland, in 1974.
2. I have been practising my profession as an Exploration Geologist since 1963.
3. I am a Fellow of the Geological Association of Canada, and a Member of the Geological Society of America.
4. I am employed by E & B Explorations Ltd., of 2900 300 - 5th Avenue S.W. in the City of Calgary, in the Province of Alberta.
5. I am acting in the capacity of Technical Consultant to E & B Explorations Incorporated of 3540 Anaconda Tower, Denver, Colorado, U.S.A.
6. The work described in this report was undertaken under my direct supervision, and the property was visited by me.

DATE

4 February 1980

Calgary, Alberta

  
A.M.S. Clark, Ph.D., F.G.A.C.  
Geologist



**E & B Explorations Ltd.**STATEMENT OF QUALIFICATIONS

Anthony M.S. Clark

<u>EDUCATION</u>	B.Sc. (Geology) Cape Town - 1963	
	Ph.D. (Geology) Newfoundland - 1973	
<u>EXPERIENCE</u>	March 1978 to present: Planning and supervision of exploration for <u>uranium</u> . Annual budget over <u>\$1,000,000</u> Supervision of <u>porphyry molybdenum</u> program. Company technical representative to Joint Venture Partners .	Saskatchewan  British Columbia  CANADA/U.S.A./ AUSTRALIA/ AFRICA ARGENTINA
	Investigation of potential for foreign programs	
	1976-1977: Planning and supervision of <u>base metals, uranium and lead-zinc exploration</u> and related research. Annual budget up to \$250,000	Quebec Ontario Manitoba Yukon
	1973-1976: Planning and supervision of exploration for <u>lateritic nickel, diatomite, base-metals &amp; gold</u> , and research related to above and to gold in France, diamonds in Africa and base and precious metals in S. & C. America.	ETHIOPIA Ontario Nova Scotia Quebec
	1973: Interpretation of stratigraphy and structure of an <u>iron-mine</u> .	Labrador
	1969-1972: Thesis mapping - Labrador <u>uranium</u> belt.	Labrador
	1968: Planning and execution of exploration for <u>copper-molybdenum</u> porphyry.	British Columbia Yukon
	1967: Supervision of <u>gold</u> sampling program.	British Columbia
	1964-1965: Supervision of <u>copper</u> exploration field camp.	ZAMBIA
	1958-1964: Student employment - Witwatersrand <u>gold</u> mines and Zambian <u>copper</u> mines.	S. AFRICA ZAMBIA

STATEMENT OF EXPENDITURES

The following direct costs were incurred during the course of the drilling reported:

Drilling as per invoices	\$ 214,437.23
Road maintenance and site preparation	9,298.90
Analyses	8,253.76
Transport	1,642.92
Consultants Fees	18,533.18
Misc.	299.14
Total	<u>\$ 252,465.40</u>

Only the direct cost of drilling is being claimed for assessment work. It amounts to \$136.84 per metre (\$41.72/ft.) The unusually high unit cost arose from the depth drilled, blocky ground and resulting cementing jobs, loss of a first attempt on hole 2 at 120 metres, need to truck water and need to clear roads of snow in November and December.

E & B Explorations Ltd.

APPENDIX 1

Diamond-Drill Hole Logs DDH 79-1  
DDH 79-2  
DDH 79-3

E & B EXPLORATIONS LTD.

DRILL RECORD—

Coord. \_\_\_\_\_ Length \_\_\_\_\_ Project ASHNOLA  
 Elev. 1835 Azimuth \_\_\_\_\_ Location PRISM PROPERTY LOCATION "A"  
 Core Size NQ Dip -90° Purpose \_\_\_\_\_

Hole No. 79-1  
 Date October 2, 1979  
 Logged by Fahrni

METER		ROCK TYPE	DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH		ASSAY		
FROM	TO				FROM	TO	Cu	Mo	Recovery	Run Short (M)	
0	1.83	Casing	No core recovered	12951	1.83	4.0	0.10	0.00		1.83	1.83
				2	4.0	6.0	0.11	0.001	1.83	5.18	1.38
1.7	17.8	Rhyolite (Mag)	Rock is uniform in grain size and appears medium grained felspathic with color from greyish white to faintly pink	3	6.0	8.0	0.12	0.001	5.18	7.62	
			Felspars are altered and no quartz noted.	4	8.0	10.0	0.12	0.001	7.62	10.67	
			Some pale greenish altered hornblendes. Rock is soft and easily scratched. Weathering on fractures is rusty decreasing downward.	5	10.0	12.0	0.11	0.001	10.67	12.80	
			Magnetite occurs on fractures to 1mm thick at various angles to hole. Also occurs as blobs to 5mm on rusty fractures.	6	12.0	14.0	0.11	0.001	12.80	14.33	
			Fracturing is at angles from 10° to 80° to hole. Occur at least 1 per 10 cm.	7	14.0	16.0	0.09	0.001	14.33	17.37	
				8	16.0	18.0	0.11	0.001	17.37	20.42	
				9	18.0	20.0	0.18	<0.001	20.42	23.47	
				12960	20.0	22.0	0.13	<0.001	23.47	26.52	
				1	22.0	24.0	0.12	0.001	26.52	29.57	
				2	24.0	26.0	0.10	0.001	29.57	32.61	
17.8	21.8	Dyke - Amygdular	Fresher looking dark grey fine grained rock with plentiful darker amygdules about 8 mm dia. Some have rims of bleached rock and some have pyrite in core.	3	26.0	28.0	0.12	0.001	32.61	35.36	
			Magnetite stringers are lacking in this rock.	4	28.0	30.0	0.15	<0.001	35.36	38.40	
			Alteration occurs in the enclosing rocks for about 1 meter on each side with bleaching, increased rusty fractures some gougey material. Drill lost water at this point.	5	30.0	32.0	0.15	<0.001	38.40	41.45	
			Walls of dyke are at 35° to line of hole.	6	32.0	34.0	0.12	<0.001	41.45	44.50	
				7	34.0	36.0	0.09	0.001	44.50	47.55	
				8	36.0	38.0	0.09	0.001	47.55	50.90	
				9	38.0	40.0	0.06	0.001	50.90	53.95	
				12970	40.0	42.0	0.10	0.002	53.95	57.00	
21.8	29.6	Quartz Diorite	Resembles rock preceeding dyke being dark grey felspathic but here hornblendes are occasionally seen and scattered quartz grain can be found. Magnetite stringers occur but less then in rhyolite	1	42.0	44.0	0.09	0.002	57.00	59.95	
			A few rusty fractures are still seen.	2	44.0	46.0	0.12	0.003	59.95	63.09	
			A pale yellowish green crystalline material occurs on some fractures - may be epidote but too translucent. Shows slight response to acid - Calcite	3	46.0	48.0	0.12	0.008	63.09	66.14	
				4	48.0	50.0	0.07	0.003	66.14	69.19	
				5	50.0	52.0	0.09	0.002	69.19	72.20	
				6	52.0	54.0	0.10	0.004	72.20	75.29	
				7	54.0	56.0	0.06	0.003	75.29	78.34	
				8	56.0	58.0	0.07	0.003	78.34	81.38	
				9	58.0	60.0	0.05	0.006			

E & B EXPLORATIONS LTD.

DRILL RECORD—

Coord. \_\_\_\_\_

Elev. 1835

Core Size NQ

Length \_\_\_\_\_

Azimuth \_\_\_\_\_

Dip -90°

Project ASHNOLA

Location PRISM PROPERTY LOCATION "A"

Purpose \_\_\_\_\_

Hole No. 79-1

Date October 2, 1979

Logged by Fahrni

METER		ROCK TYPE	DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO		Cu	Mn				
9.6	32.0	Contact zone ?	Rock is bleached with increased rusty fracturing and mud seam at 31.1 for 5 cm at large angle to hole.	12980	60.0	62.0		0.06	0.003	Recovery Run	Short		
				1	62.0	64.0		0.10	0.007	81.38	84.43		
				2	64.0	66.0		0.11	0.008	84.43	88.42		
12.6	63.0	Rhyolite	Medium grey colored rock with mainly felspar composition but plentiful quartz grains also many thin dark fracture lines with magnetite and some with yellowish epidote ?	3	66.0	68.0		0.17	0.015	88.42	90.22		
				4	68.0	70.0		0.17	0.008	90.22	92.96		
				5	70.0	72.0		0.06	0.004	92.96	95.40		
				6	72.0	74.0		0.08	0.004	95.40	98.75		
			Rock does not have rusty fractures. Fractures occur about every 2 cm in various directions to hole. Some fractures show rusty	7	74.0	76.0		0.14	0.003	98.75	102.11		
			filling possibly having been carbonate veins. These are at small	8	76.0	78.0		0.08	0.003	102.11	105.46		
			angle to hole. Some thin grey calcite stringers with eff-in HC	9	78.0	80.0		0.09	0.003	105.46	108.51		
				12990	80.0	82.0		0.11	0.004	108.51	110.34		
				1	82.0	84.0		0.07	0.004	110.34	111.26		
			Dark mineral is fine dissem. magnetite and a few possible biotite remnants. Widely spaced pyrite grains.	2	84.0	86.0		0.15	0.002	111.26	114.91		
				3	86.0	88.0		0.13	0.003	114.91	116.74		
			Bleaching occurs on walls of some of magnetite fractures.	4	88.0	90.0		0.17	0.002	116.74	120.09		
				5	90.0	92.0		0.12	0.002				
31	68.0	Rhyolite - rusty	Rock is similar to preceeding but has pronounced rusty oxidation on fractures almost parallel to hole. There is some skeletal filling	6	92.0	94.0		0.10	0.004				
			material resembling calcite crystals but will not effervesce - May be Gypsum	7	94.0	96.0		0.07	0.004				
				8	96.0	98.0		0.09	0.004				
				9	98.0	100.0		0.05	0.005				
			Pyrite also occurs in scattered grains and probably in stringers.	13000	100.0	102.0		0.11	0.003				
				1				0.09	0.002				
8.0	94.0	Rhyolite - Chlorite	Rock is fairly fresh but black and greenish chlorite filled hair	2				0.08	0.003				
		(Note: intersected	fractures occur. Some pyrite stringers.	3				0.10	0.004				
		old DDH at 70.72 m	Magnetite is not prominent. Some grains of pyrite and several blobs	4				0.09	0.008				
		at 45°.)	of Molybdenite seen at 80.0 m. Definitely noted at 92m with 8 mm	5				0.07	0.005				
			vuggy quartz with pyrite and hematite. A very fine dissemination	6				0.07	0.004				
			of dark mineral occurs in rock matrix.	7				0.07	0.004				
				8				0.12	0.003				
				9				0.14	0.003				
				10				0.07	0.009				

E & B EXPLORATIONS LTD.

DRILL RECORD—

Coord. \_\_\_\_\_

Hole No. 79-1

Length \_\_\_\_\_

Project ASHNOLA

Date October 3, 1979

Azimuth \_\_\_\_\_

Location PRISM PROPERTY - LOCATION "A"

Logged by Fahrni

Elev. 1835

Dip -90°

Purpose \_\_\_\_\_

Core Size NQ

METER		ROCK TYPE	DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO		Cu	Mo	Recovery	Run	Stop	
4.0	132.6	Rhyolite - Pyrite	Rock has bleached appearance with less black diss. mineral. Pyrite occurs as patch and with quartz, in stringers to 2mm and dissem. Rock is much more competent than preceeding	13001	102.0	104.0		0.09	0.002	120.09	-125.27	0.3	
				Felspar are chief constituent with scattered quartz grains from 1 to 2 mm. Pyrite approaches 1 % of rock.	2	104.0	106.0		0.08	0.003	125.27	-127.10	
				Molybdenite can be detected in some quartz stringers as fine grained bluish patches - 113m.	3	106.0	108.0		0.10	0.004	127.10	-130.19	
				A zone of broken core due to kaolinitic alteration? on fractures occurs from 115 to 117 m Pyrite and traces of possible molybdenite still occur there.	4	108.0	110.0		0.09	0.008	130.19	-133.20	
				Rock becoming more continuous again like first part of the section but light grey kaolin or sericite on some slips. Pyrite contact is uniform.	5	110.0	112.0		0.07	0.005	133.20	-136.25	
					6	112.0	114.0		0.07	0.004	136.25	-139.29	
					7	114.0	116.0		0.07	0.004	139.29	-142.34	
					8	116.0	118.0		0.12	0.003	142.34	-145.39	
					9	118.0	120.0		0.14	0.003	145.39	-148.44	
					13010	120.0	122.0		0.07	0.009	148.44	-151.49	
					11	122.0	124.0		0.08	0.001	151.49	-154.53	
32.6	132.8		Dyke - Amygdular	Sharp but broken contacts with preceeding and following rock with little alteration. Angle about 35° to line of hole.	12	124.0	126.0		0.06	0.003	154.53	-157.58	58
				Large amygdular masses to 1 cm of dark brownish color	13	126.0	128.0		0.10	0.002	157.58	-160.63	63
				biotite? with interstitial material felspar also with brown tinges of biotite.	14	128.0	130.0		0.10	0.002	160.63	-163.68	68
				This rock is very hard.	15	130.0	132.0		0.12	0.004	163.68	-166.73	73
				Pyrite occurs in it as fine dissemination.	16	132.0	134.0		0.08	0.004	166.73	-169.77	77
					17	134.0	136.0		0.09	0.002	169.77	-172.82	82
					18	136.0	138.0		0.06	0.002	172.82	-175.87	87
					19	138.0	140.0		0.06	0.005	175.87	-178.92	92
					13020	140.0	142.0		0.07	0.006	178.92	-181.97	97
32.8	136.5	Rhyolite - Pyrite	Uniform grey felspathic with finely disseminated pyrite	21	142.0	144.0		0.05	0.003	181.97	-185.01		
				Composition mainly felspar with about 5% quartz and a few scattered fine grained dark minerals and pyrite	22	144.0	146.0		0.08	0.004	185.01	-188.06	
				less than 1%.	23	146.0	148.0		0.10	0.002	188.06	-191.11	
				very hard rock and good drilling.	24	148.0	150.0		0.08	0.002	191.11	-194.16	
					25	150.0	152.0		0.06	0.001	194.16	-197.21	
36.5	136.6	Dyke - Breccia	Tight contacts with enclosing rock at 45° to hole.	26	152.0	154.0		0.06	0.004	197.21	-200.26		
				Greenish angular fragments to 6 mm in a matrix of grey material with brownish tinges and with some biotite	27	154.0	156.0		0.04	0.002	200.26	-203.30	
					28	156.0	158.0		0.11	0.003	203.30	-206.35	
										206.35	-209.40		

E & B EXPLORATIONS LTD.

DRILL RECORD—

Coord. \_\_\_\_\_ Length \_\_\_\_\_ Project ASHNOLA  
 Elev. 1835 Azimuth \_\_\_\_\_ Location PRISM - LOCATION "A"  
 Core Size NO Dip -90° Purpose \_\_\_\_\_

Hole No. 79-1  
 Date October 4, 1979  
 Logged by Fahrni

METER FM TO	ROCK TYPE	DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY	
				FROM	TO		Cu	Mo
		grains to 1 or 2 mm.	13029	158.0	160.0		0.12	0.001
		Pyrite occurs and some fine grained dark mineral.	13030	160.0	162.0		0.08	0.001
16.0-145.0	Rhyolite - Pyrite Chp.	Uniform grey hard rock of felspathic base with 5% quartz.	31	162.0	164.0		0.08	0.001
		Pyrite more plentiful.	32	164.0	166.0		0.10	0.002
		Chalcopyrite noted in small amounts as fine dissem.	33	166.0	168.0		0.17	0.004
		Epidote occurs with pyrite in thin veinlets.	34	168.0	170.0		0.16	0.006
		Mineralization increasing toward last.	35	170.0	172.0		0.17	0.003
		A yellowish grey clayey alteration mineral occurs on	36	172.0	174.0		0.22	0.002
		some slips in kaolin?	37	174.0	176.0		0.15	0.003
5.0 164.8	Rhyolite AyNo	Rock shows slight color change with development of yellowish	38	176.0	178.0		0.12	0.003
		alteration and softening of some feldspars.	39	178.0	180.0		0.12	0.003
		Epidote not noted but pyrite increases.	13040	180.0	182.0		0.09	0.003
		Chalcopyrite occurs in dissem. and small patches.	41	182.0	184.0		0.21	0.002
		Molybdenite noted in small grains.	42	184.0	186.0		0.19	0.006
		There is also fine grained dissem. of black metallic mineral	43	186.0	188.0		0.05	0.002
		which is not magnetic. This rock is well broken up by	44	188.0	190.0		0.13	0.008
		slips with yellowish kaolinitic material. In some short	45	190.0	192.0		0.06	0.005
		sections it is reduced to sandy material at 152.8 and 157	46	192.0	194.0		0.03	0.006
		to 158 but little change to end.	47	194.0	196.0		0.04	0.002
4.8 172.0	Quartz Monzonite (altered)	A coarse grained granite textured rock with about 15%	48	196.0	198.0		0.03	0.004
		quartz, 40% greenish white feldspar and 40% creamy feldspar	13049	198.0	200.0		0.06	0.003
		and 5% Biotite and sulphide minerals. Feldspar about 6 mm	50	200.0	202.0		0.06	0.004
		diameter. Sulphide are Pyrite, Chalcopyrite and molybdenite.	51	202.0	204.0		0.06	0.004
		Estimated Cu 0.1% and Mo < 0.05%	52	204.0	206.0		0.04	0.003

E & B EXPLORATIONS LTD.

DRILL RECORD—

Coord. \_\_\_\_\_

Length \_\_\_\_\_

Project ASHNOLA

Hole No. 79-1

Elev. 1835

Azimuth \_\_\_\_\_

Location PRISM - LOCATION "A"

Date October 4, 1979

Core Size NQ

Dip -90°

Purpose \_\_\_\_\_

Logged by \_\_\_\_\_

METER		ROCK TYPE	DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY	
FROM	TO				FROM	TO		Cu	Mo
			Alteration of feldspars makes this section quite soft and broken down to sediment in drill core. from 168.3 to 169.7 and 170 to 170.4	13053	206.0	208.0	2.0	0.05	0.004
				54	208.0	210.0	2.0	0.04	0.003
				55	210.0	212.0	2.0	0.04	0.002
72.0	180	1 Quartz Monzonite	Like preceding rock but fresher. Many vuggy cavities occur some of which are lined with yellowish white powder. Above sulphide contact continues.	56	212.0	214.0	2.0	0.11	0.002
				57	214.0	216.0	2.0	0.06	0.004
				58	216.0	218.5	2.0	0.06	0.002
			This rock appears to be intrusive into preceding and following rock. Contact angle at last is not definable.	No Core	218.5	226.0	2.0		
				59	226.0	228.0	2.0	0.22	0.026
				60	228.0	230.0	2.0	0.05	0.004
80.1	181	4 Rhyolite & Pyrite	This rock resembles preceding Rhyolite. It carries fine pyrite but other minerals of monzonite not seen.	61	230.0	232.0	2.0	0.08	0.006
				62	232.0	234.0	2.0	0.08	0.002
181.4	186	1 Quartz Monzonite	Contact with preceding rock at 30° to hole with slight contact chilling in monzonite.	63	234.0	236.0	2.0	0.07	0.004
			Coarse grained fairly fresh looking hard rock Compo. of 15 - 40 - 40 continues. Some of greenish	64	236.0	238.0	2.0	0.05	0.004
			white feldspars are porphyritic to 1 cm diam. especially in last of section.	65	238.0	240.0	2.0	0.04	0.012
				66	240.0	242.0	2.0	0.04	0.003
				67	242.0	244.0	2.0	0.07	0.006
				68	244.0	246.0	2.0	0.06	0.004
186.1	188	1 Rhyolite 0 Pyrite	Medium grained greyish rock with a few black hair line fractures and good pyrite dissem.	69	246.0	248.0	2.0	0.05	0.023
			Some dark metallics occur but too fine grained to identify.						
188.1	190	2 Quartz Monzonite	Porphyritic - Plentiful pyrite but no chalco or Moly. seen. Contacts are at about 45° to line of hole.						
190.2	212	5 Rhyolite -Pyrite	Medium grained grey rock with scattered quartz grains. Pyrite present to almost 1% is fine dissem. Quartz veinlets have some pyrite. Open vuggy veinlets occur. Several sections of clayey alteration occur, 195.2 to 195.7 and 197.7 to 198.2. One set of quartz veinlets parallels hole and others at 35° to hole. Toward last becoming more broken up with yellowish rusty fractures parallel to hole						



E & B EXPLORATIONS LTD.

DRILL RECORD—

Hole No. 79-1  
 Date October 4/79  
 Logged by Fahrni  
 Length \_\_\_\_\_ Project ASHNOLA  
 Azimuth \_\_\_\_\_ Location PRISM - LOCATION "A"  
 Dip -90° Purpose \_\_\_\_\_

DEPTH M	ROCK TYPE	DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	Recovery		ASSAY	
				FROM	TO		Cu	Mo		
218.5	Rhyolite - Pyrite (mud seams)	Rhyolite continues without much change, fine dissem. of pyrite occur chalcopryrite and possible fine molybdenum							209.40-212	45
									212.45-215	50
		Rhyolite is cut by several mud seams about parallel to hole from 3 m to 25 m in thickness. Layer show brecciated texture, smaller quartz yellowish alteration and kaolinitic material. Some pyrite and molybdenum occurs on mud seams. Also brown mineral identified by streak to be hematite.							215.50-216	72
									216.72-218	54
									218.54-226	0
									226.00-227	69
									227.69-229	82
226.0	No core - Triconed	Tricone put down to remove cement - continual 7.5 m							229.82-231	04
									231.04-233	78
									233.78-236	83
227.8	Quartz Monzonite	Dyke-Rock is soft and altered with chlorite slips parallel to hole of yellowish green to black color. Variolites or leached cavities have yellowish stains around them. Some patches of fair molybdenite occur (0.2%?) with pyrite							236.83-242	98
		Also molybdenite occurs with pyrite on fractures.	13069	246.0	248.0	2.0	0.05	0.023	245.98-249	02
231.0	Rhyolite - Pyrite (Mud Seams)	Rhyolite with fine dissem. pyrite and possible molybdenite has many hair line fractures (quartz) and a few thicker gangue and comb quartz fractures at various angles.	13070	248.0	250.0	2.0	0.04	0.014	249.02-249	94
		Yellowish stain is plentiful on fractures.	71	250.0	252.0	2.0	0.05	0.007	249.94-252	07
		Molybdenite and traces of chalcopryrite can be seen on some of the layer fractures. Fractures almost parallel	72	252.0	254.0	2.0	0.05	0.010	252.07-254	21
		to holes from 2 to 22 mm zinc rock broken appearance.	73	254.0	256.0	2.0	0.06	0.005	254.21-257	25
		Many lighter colored hair line fractures occur in various directions in core. Some more prominent quartz veinlets with pyrite and molybdenite occur Pyrite and possible molybdenite occur through the fresh rock as fine dissemination.	74	256.0	258.0	2.0	0.007	0.048	257.25-260	30
		Average Mo grade is low < 0.1%	75	258.0	260.0	2.0	0.06	0.007	260.30-263	35
249.0	Rhyolite - Pyrite								263.35-266	85
									266.85-270	03
									270.03-273	10
									273.10-276	30
									276.30-279	51
									279.51-282	55
									282.55-283	16

E & B EXPLORATIONS LTD.

DRILL RECORD—

Coord. \_\_\_\_\_ Length \_\_\_\_\_ Project ASHNOLA Hole No. 79-1  
 Elev. \_\_\_\_\_ Azimuth \_\_\_\_\_ Location PRISM PROPERTY Date \_\_\_\_\_  
 Core Size \_\_\_\_\_ Dip \_\_\_\_\_ Purpose \_\_\_\_\_ Logged by \_\_\_\_\_

METER		ROCK TYPE	DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
FROM	TO				FROM	TO		Recovery	Run	Short
			Traces of chalcopryrite occur also as dissem. The rhyolite shows some variation in composition with patches of increased ferromagnesian content and amygdule like spots of altered felspar at 241.5					283.16-284.38		
								284.88-287.43		
								287.43-290.48		
								290.48-293.53		
								293.53-296.88		
249.0	275.0	Rhyolite Pyritic	NOTE: Hole cored to 249 and continues BQ size core. Sample #13070 core weight-balanced. Rock continues like preceding but has bands of bleached aplitic appearance at 70° to 90° to hole from 1 cm to 2 cm thick at 3 or 4 per meter. Some thin but poorly banded fractures almost parallel to hole giving wedging problems in core barrel and core barrel was broken off. Not much alteration with the fracture. Pyrite and traces of Mo occur on them. At 257.3 is 2m in Molybdenite veinlet at 15° to hole. Scattered chalcopryrite occurs but <0.1%Cu and decreasing to last.					296.88-292.10		
								292.10-300.84		
								300.84-303.89		
275.0	286.0	Rhyolite-Pyrite Broken vuggy	A zone with much open cavities lined with quartz crystals and some muddy gouge. The country rock does not seem to be much altered and still carries some molybdenite fractures and dissemination.							
								Cu	Mo	
286.0	292.0	Rhyolite -Pyrite	Country rock remains fairly fresh in appearance with greenish white color. Fractures occur at small angle to hole with white kaolinic material. Thin molybdenite veinlets at angle of 45° to 30° to hole occur about 3 per meter. Est. grade 0.02% Mo.	13076	260.0	262.0	2.0	0.04	0.008	
				77	262.0	264.0		0.04	0.017	
				78	264.0	266.0		0.04	0.025	
				79	266.0	268.0		0.04	0.005	
				80	268.0	270.0		0.04	0.012	

E & B EXPLORATIONS LTD.

DRILL RECORD --

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Coord. \_\_\_\_\_  
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Project ASHNOLA  
 Location PRISM PROPERTY  
 Purpose \_\_\_\_\_

Hole No. 79-1  
 Date \_\_\_\_\_  
 Logged by \_\_\_\_\_

METER			DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
From	To				From	To		Cu	Mo	Recovery
292.0	304.7	Andesite Dyke	Contact at start at 40° to drill hole at last at 45° to hole.	13081	270.0	-272.0	2.0	0.05	0.006	319.13-322.17
			Both contacts are tight and chilled with faint banding,	82	272.0	-274.0	"	0.04	0.010	322.17-325.22
			for about 1 meter in. Rock is uniform dark grey fine	83	274.0	-276.0	"	0.04	0.008	325.22-328.27
			grained with widely scattered felspar amygdules to 1 or	84	276.0	-278.0	"	0.04	0.007	328.27-331.30
			2 mm. Several angular fragments occur. Rock is	85	278.0	-280.0	"	0.003	0.005	331.30-334.37
			very dense and structureless except for hairline white	86	280.0	-282.0	"	0.003	0.005	334.37-337.41
			calcite stringers every 0.5 meters or so at angles of 50°	87	282.0	-284.0	"	0.03	0.009	334.41-340.46
			to 70° to hole.	88	284.0	-286.0	"	0.08	0.005	340.46-342.90
			No mineralization seen in this rock. Information sample	89	286.0	-288.0	"	0.04	0.006	342.90-344.42
			taken at start and end and centre part omitted from	90	288.0	-290.0	"	0.04	0.009	344.42-345.64
			sampling.	91	290.0	-292.0	"	0.04	0.004	345.64-348.69
							"			
304.7	320.0	Rhyolite	Rock has scattered magnetite instead of pyrite of preceed-	92	292.0	-294.0	2.0	0.01	0.002	
		Magnetitic	ing rhyolite sections. Some calcite hair line fractures	93	303.0	-304.7	1.7	0.01	0.002	
			occur, as well as brecciated veins and combination	94	304.7	-306.0	1.3	0.04	0.006	
			quartz fractures. Much fine grained dark disseminated	95	306.0	-308.0		0.04	0.006	
			mineral but may be magnetite. Color of rock changed from	96	308.0	-310.0		0.04	0.007	
			greenish to grey. Some stringers of Mo and scattered	97	310.0	-312.0		0.08	0.006	
			flakes occur throughout.	98	312.0	-314.0		0.05	0.008	
320.0	326.0	Rhyolite	Rock gradually changes from magnetite bearing to pyrite	13099	314.0	-316.0		0.03	0.005	
		Pyrite	bearing with color change from grey to greenish. Trace	13100	316.0	-318.0		0.05	0.004	
			of Mo still occur in thin stringers and fine dissemination							

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DRILL RECORD --

Coord. \_\_\_\_\_  
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Length \_\_\_\_\_ Project ASHNOIA  
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 Dip \_\_\_\_\_ Purpose \_\_\_\_\_

Hole No. 79-1  
 Date \_\_\_\_\_  
 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Cu	Mo	Recovery	Run
		Aplitic zones and some siliceous stringers. Rock is in general good drilling and continuous.	13101	318.0	-320.0	.0	0.04	0.006	348.69-350.83	
			2	320.0	-322.0	.0	0.04	0.006	350.83-352.65	
126.0	360.0	Rhyolite	3	322.0	-324.0	.0	0.05	0.004	352.65-355.70	
		Pyrite contact appears to be decreased. Rock still has greenish color. Good drilling but has occasional calcite and quartz stringers and some open vuggy fractures at large angle to hole. Traces of Mo can still be found but appears scarcer than preceding sections. A little chalcopyrite also occurs on slip faces.	4	324.0	-326.0	.0	0.05	0.005	355.70-358.14	
			5	326.0	-328.0	.0	0.03	0.011	358.14-360.58	
			6	328.0	-330.0	.0	0.07	0.004	360.58-363.65	
			7	330.0	-332.0	.0	0.04	0.006	363.65-365.86	
			8	332.0	-334.0	.0	0.02	0.012	365.86-369.72	
160.0	368.0	Rhyolite	9	334.0	-336.0	.0	0.03	0.008	369.72-372.77	
		Pyrite veins.	10	336.0	-338.0	.0	0.03	0.002	372.77-377.02	
		Rock of uniform grey medium grained appeared like preceding hole. There does not appear to be much wall rock alteration. Veins are mainly pyrite and quartz with some calcite present. Pyrite also plentiful again as scattered grains in the country rock. Sphalerite noted in limited amount. Small amounts of molybdenite.	11	338.0	-340.0	.0	0.03	0.002	377.02-380.09	
			12	340.0	-342.0	.0	0.03	0.007	380.09-383.27	
			13	342.0	-344.0	.0	0.05	0.006	383.27-386.18	
			14	344.0	-346.0	.0	0.04	0.003	386.18-389.31	
168.0	482.0	Rhyolite	15	346.0	-348.0	.0	0.04	0.004	389.31-392.28	
		A few limey fractures occur but in general fairly tight rock of typical faintly greenish rhyolite. Pyrite and chalcopyrite occur as sparse dissemination. Molybdenite occurs in 1 to 2 mm blobs at a number of locations; 372, 373. At 379 is 1 mm veinlet at 45°. From 380 to end a little magnetite noted.	16	348.0	-350.0	.0	0.04	0.006	392.28-395.33	
			17	350.0	-352.0	.0	0.04	0.008	395.33-398.37	
			18	352.0	-354.0	.0	0.02	0.004	398.37-399.90	
			19	354.0	-356.0	.0	0.03	0.005	399.90-401.97	
			20	356.0	-358.0	.0	0.03	0.006	401.97-403.86	

## E &amp; B EXPLORATIONS LTD.

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## DRILL RECORD --

Coord. \_\_\_\_\_

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Project ASHNOLAHole No. 79-1

Elev. \_\_\_\_\_

Azimuth \_\_\_\_\_

Location PRISM PROPERTY

Date \_\_\_\_\_

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Dip \_\_\_\_\_

Purpose \_\_\_\_\_

Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Cu	Mo	Rec.	Run.
382.0	394.0	Andesite Dyke	13121	358.0	360.0		0.02	0.008	403.86-404.77	
		Black fine grained rock with occasional felspar grains and with white calcite stringers some at 45° to hole.	22	360.0	362.0		0.02	0.004	404.77-407.52	
		Contact at start is very irregular with deep intrusion	23	362.0	364.0		0.03	0.030	407.52-410.57	
		tongues of dyke into rhyolite. 383.2 to 383.5 is inclusion	24	364.0	366.0		0.13	0.007	410.57-411.48	
		of rhyolite with fine disseminated magnetite. Also 383.8	25	366.0	368.0		0.06	0.003	411.48-413.61	
		to 383.95 is brecciated rhyolite and calcite vein about	26	368.0	370.0		0.02	0.003	413.61-415.14	
		2 cm at 60° to hole. Contact at last is sharp but	27	370.0	372.0		0.03	0.008	415.14-416.97	
		very irregular at an angle of 60° to hole.	28	372.0	374.0		0.02	0.018	416.97-419.71	
394.0	406.0	Rhyolite	29	374.0	376.0		0.02	0.006	419.71-420.63	
		Altered.	30	376.0	378.0		0.03	0.009	420.63-423.67	
		magnetite occurs. Pyrite occurs in some fractures and as	31	378.0	380.0		0.02	0.006	423.67-426.72	
		fine dissemination. Molybdenite occurs as scattered grains 1	32	380.0	382.0		0.03	0.004	426.72-429.77	
		2 mm mostly in alligned groupings on fractures at 40	33	394.0	396.0		0.04	0.006	429.77-432.22	
		to 60° to hole and separate from the carbonate fracture.	34	396.0	398.0		0.05	0.007	432.22-435.87	
			35	398.0	400.0		0.06	0.008	435.87-438.91	
406.0	410.0	Rhyolite	36	400.0	402.0		0.08	0.005	438.91-441.05	
		Fresh tight greenish rhyolite.	37	402.0	404.0		0.05	0.006	441.05-444.10	
		Pyrite disseminated sparsely and traces of chalcopyrite	38	404.0	406.0		0.03	0.010	444.10-447.15	
		Molybdenite grains scattered through rock but total	39	406.0	408.0		0.03	0.014	447.15-450.19	
		amount < 0.02%.								
410.0	423.7	Rhyolite	40	408.0	410.0		0.02	0.004	450.19-453.21	
		Fractured	41	410.0	412.0		0.05	0.005	453.21-455.37	
		Rock does not seem to be altered but is broken up with many limey fractures at small angle to hole. At 412.5 is								

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Coord. \_\_\_\_\_  
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Project ASHNOLA  
 Location PRISM PROPERTY  
 Purpose \_\_\_\_\_

Hole No. 79-1  
 Date \_\_\_\_\_  
 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Cu	Mo	Rec.	Run.
		1 cm zone at 40° to hole with black earthy mud which may be pyritic Molybdenite is scattered in the rock but not on fractures. Chalcopyrite is also present. Pyrite is sparse.	13142	412.0	-414.0	2.0	0.03	0.003	455.37	458.73
			43	414.0	-416.0	"	0.03	0.012	458.73	460.55
			44	416.0	-418.0	"	0.03	0.008	460.55	462.38
423.7	-440.0	Rhyolite	45	418.0	-420.0	"	0.03	0.014	462.38	463.60
		Rock is fairly tight and continuous but occasional calcite stringers parallel to hole still occur. Quartz stringers are also present mostly about 60° to hole.	46	420.0	-422.0	"	0.02	0.006	463.60	464.52
			47	422.0	-424.0	"	0.02	0.014	464.52	467.57
		Rock is otherwise relatively fresh with greenish white color. Pyrite is present but sparse. Molybdenite	48	424.0	-426.0	"	0.02	0.006	467.57	469.39
		detected at several points as isolated grains 1-2 mm	49	426.0	-428.0	"	0.03	0.018	469.39	471.53
		or as thin grain alignments at various angles to hole.	50	428.0	-430.0	"	0.02	0.005	471.53	474.58
		In general Mo appears less than in preceding section.	51	430.0	-432.0	"	0.01	0.004	474.58	477.62
			52	432.0	-434.0	"	0.04	0.009	477.62	480.67
440.0	-460.0	Rhyolite	53	434.0	-436.0	"	0.01	0.018	480.67	482.20
		Rock section resembles preceding being fresh with still occasional calcite fracturing.	54	436.0	-438.0	"	0.01	0.004	482.20	483.72
		Molybdenite more common on thin stringers about one	55	438.0	-440.0	"	0.02	0.006	483.72	486.77
		per meter. Not much disseminated molybdenite blebs seen.	56	440.0	-442.0	"	0.02	0.019	486.77	488.60
		Pyrite is scarce but occurs on quartz veinlets.	57	442.0	-444.0	"	0.03	0.014	488.60	489.21
460.0	-465.0	Rhyolite	58	444.0	-446.0	"	0.02	0.010		
		Broken up with carbonate fractures and some gouge mud seams.	59	446.0	-448.0	"	0.03	0.011		

E & B EXPLORATIONS LTD.

DRILL RECORD --

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Project ASHNOLA  
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 Hole No. 79-1  
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 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
From	To			From	To		Cu	Mo	
465.0	474.0	Rhyolite	13160	448.0	450.0	2.0	0.01	0.005	
		Solid rock with only a few carbonate stringers at various angles to core. Some brecciation at last. Traces of molybdenite occur.	61	450.0	452.0	"	0.01	0.004	
			62	452.0	454.0	"	0.01	0.008	
474.0	476.0	Andesite Dyke	63	454.0	456.0	"	0.02	0.044	
		Contact at start at about 45° to hole. Contact at last is very irregular with some dyke tongues and inclusions beyond the contact in rhyolite. Black fine-grained rock with widely spaced felspar at 1 to 2 mm.	64	456.0	458.0	"	0.01	0.012	
			65	458.0	460.0	"	0.02	0.008	
			66	460.0	462.0	"	0.01	0.007	
476.0	482.7	Rhyolite	67	462.0	464.0	"	0.02	0.006	
		Carbonate stringers parallel to hole, some with molybdenite on them. Rock has some muddy gouge at 482.	68	464.0	466.0	"	0.02	0.008	
32.7	485.0	Andesite Dyke	69	466.0	468.0	"	0.03	0.004	
		Contacts tight at about 45° to hole. Typical fine grained black andesite with scattered felspar grains to 1 or 2mm. Carries fine magnetite.	70	468.0	470.0	"	0.02	0.056	
			71	470.0	472.0	"	0.01	0.004	
			72	472.0	474.0	"	0.02	0.006	
485.0	491.0	Rhyolite	73	476.0	478.0	"	0.02	0.005	
		Limey fractures give badly broken-up situation up to about 487 then more competent rhyolite of normal appearance. Appear to be more quartz then previously in stringers with calcite. Molybdenum occurs on quartz stringers. Magnetite also noted on fracture at 490.2	74	478.0	480.0	"	0.01	0.033	
			13175	480.0	482.7	2.7	0.03	0.014	
				Dyke	NS	2.3			
			13176	485.0	487.0	2.0	0.01	0.050	
		Quartz stringers are parallel and at angles to hole. Chloritic slips with carbonate mud also occur.	77	487.0	489.0	2.0	0.01	0.043	
			78	489.0	491.0	2.0	0.02	0.011	





E & B EXPLORATIONS LTD.

DRILL RECORD --

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 Dip \_\_\_\_\_

Project ASHNOLA  
 Location PRISM SITE "A"  
 Purpose \_\_\_\_\_

Hole No. 79-1  
 Date \_\_\_\_\_  
 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	Mo	Rec.	Run	
510.1	513.3	Andesite Dyke (Fault Zone)	13179	491.0	493.0	2.0	0.01	0.014	493	17-495	5.0
		At start is zone of muddy plastic gouge about 0.3 m wide which is at 90° to hole. Dyke has calcite stringers at 70° to 90° to hole. Contact at last is sharp but irregular at 60° to hole.	80	493.0	495.0	2.0	0.01	0.006	495	0-495	9.1
			81	495.0	497.8	2.8	0.01	0.016	495	91-496	8.3
			N.S.	497.8	501.1	3.3			496	83-498	9.6
513.3	536.5	Rhyolite	82	501.1	503.7	2.6	0.02	0.015	498	96-499	8.7
		Rock has occasional thin carbonate slips and is broken to some extent. Color remains greenish white. Pyrite occurs on slips but not much molybdenite. Quartz stringers are not plentiful. Molybdenite occurs as blebs from 1 to 2 mm scattered through the rock but total content is low. Rock becomes harder from 520.	N.S.	503.7	509.9	6.2			499	87-501	0.9
			83	509.9	510.1	1.1	0.01	0.008	501	09-501	1.70
			N.S.	510.1	513.3	3.2			501	70-502	2.62
			84	513.3	516.0		0.01	0.007	502	62-503	2.23
			85	516.0	518.0		0.01	0.021	503	23-504	4.45
16.5	546.81	Rhyolite	86	518.0	520.0		0.01	0.022	504	45-505	3.6
		Molybdenite	87	520.0	522.0		0.01	0.023	505	36-508	1.0
		presence of wider aplitic bands which appear to be at angle of 60° or more to hole. These have variable but increasing amounts of molybdenite. Widths are from 5 to 20 cm. They occur at 537.6, 537.9, 538.3, 540.1, 542.5, 545.8, 546.0, 546.5. Core reported (dyke for above) 0.6 m at 542. Core is badly broken up on thin carbonate slips from 536 to 542 with only a few pieces of whole core for 10 cm lengths. Last section is more solid but still with carbonate slips and broken core. Re-aplitic material noted above this may be white bleached rhyolite	88	522.0	524.0		0.01	0.011	508	10-510	0.05
			89	524.0	526.0		0.01	0.019			
			90	526.0	528.0		0.01	0.012			
			91	528.0	530.0		0.01	0.012			
			92	530.0	532.0		0.01	0.032			
			93	532.0	534.0		0.01	0.028			
			94	534.0	536.0		0.01	0.010			
			95	536.0	538.0		0.01	0.014			
			96	538.0	540.0		0.01	0.005			

E & B EXPLORATIONS LTD.

DRILL RECORD --

Coord. \_\_\_\_\_  
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Length \_\_\_\_\_  
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 Dip \_\_\_\_\_

Project ASHINOLA  
 Location PRTSM PROPERTY SITE "A"  
 Purpose \_\_\_\_\_

Hole No. 79-1  
 Date \_\_\_\_\_  
 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Recovery	Cu	Mo	Run
		as similar quartz grains occur in it.	13197	540.0	542.0	0	<0.01	0.013	532.18	533.40
		NOTE: Sericite noted as small scales on some of	98	542.0	544.0	0	0.01	0.014	533.40	534.01
		fractures in this section. A little chalcopryite noted	99	544.0	545.5	5	0.01	0.00	534.01	534.93
		as well.	13200	545.5	546.8	8	<0.01	0.022	534.93	535.69
									535.69	536.50
		END OF HOLE - LOST WITH STUCK RODS ON CEMENTING.							536.50	537.52
									537.52	538.28
									538.28	538.89
									538.89	540.41
									540.41	542.22
									542.22	543.00
									543.00	543.77
									543.77	545.29
									545.29	545.90
									545.90	546.81



E & B EXPLORATIONS LTD.

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Coord. \_\_\_\_\_  
 Elev. \_\_\_\_\_  
 Core Size \_\_\_\_\_

DRILL RECORD --

Length \_\_\_\_\_ Project ASHNOLA  
 Azimuth \_\_\_\_\_ Location PRISM PROPERTY LOCATION B  
 Dip \_\_\_\_\_ Purpose \_\_\_\_\_

Hole No. 79-2  
 Date Nov.13/79  
 Logged by H.M..Jones

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Cu%	MoS <sub>2</sub>	Rec.	Run
		-- 24.5-25.3 - fracture zone at 0-10°, very heavy limonite	13211	30.0	32.0	2.0	0.11	0.01	29.3	32.3
		minor disseminated pyrite, hematite after magnetite on	12	32.0	34.0	2.0	0.03	0.02	32.3	35.4
		fractures. Fine disseminated magnetite and hematite.	13	34.0	36.0	2.0	0.08	0.00	35.4	36.3
25.3	27.8	Rhyolite breccia Angular fragments rhyolite, similar to above, up to 20mmx	14	36.0	38.0	2.0	<0.01	0.002	36.3	38.4
		20mm, strongly fractured at angles, light yellow limonite	15	38.0	40.0	2.0	<0.01	0.001	38.4	41.5
		stain to 27.0, irregular veinlets with hematite and	16	40.0	42.0	2.0	<0.01	0.001	41.5	44.5
		magnetite, minor disseminated pyrite. Upper contact at	17	42.0	44.0	2.0	0.03	0.003	44.5	47.5
		20°, lower contact at 0+5°.	18	44.0	46.0	2.0	0.05	0.006	47.5	50.6
27.8	29.4	Rhyolite porphyry Grey fine grained matrix with 3% euhedral - an euhedral	19	46.0	48.0	2.0	0.02	0.005	50.6	53.6
		without quartz-rhy- feldspar phenocrysts 2mm in diameter. These are darker	20	48.0	50.0	2.0	<0.01	0.001	53.6	56.7
		odacite than matrix, strong clay alteration. Fault with gouge	21	50.0	52.0	2.0	<0.01	0.001	56.7	59.1
		parallels entire section. Lower contact irregular at 45° and	22	52.0 56.0	53.3 57.2	2.5	<0.01	0.001	59.1	61.6
		fault offset.	23	53.3	56.0	2.7	<0.01	0.001		
									61.6	64.9
29.4	32.7	Volcanic breccia (Agglomerate) Light grey, fragments rounded, generally 3-5mm in diameter,	24	57.2	58.0	0.8	0.03	0.006	64.9	68.9
		occasional coarse one. Above fault parallels this section,	25	58.0	60.0	2.0	0.04	0.009	68.9	71.9
		then cuts through it at very low angle to 31.7.	26	60.0	62.0	2.0	0.03	0.004	71.9	74.4
		Minor fine magnetite.	27	62.0	64.0	2.0	0.04	0.004	74.4	75.6
			28	64.0	66.0	2.0	0.04	0.008	75.6	76.8
			29	66.0	68.0	2.0	0.05	0.013		
			30	68.0	70.0	2.0	0.06	0.012		







## E &amp; B EXPLORATIONS LTD.

DRILL RECORD --

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 Coord. \_\_\_\_\_  
 Elev. \_\_\_\_\_  
 Core Size \_\_\_\_\_

 Length \_\_\_\_\_  
 Azimuth \_\_\_\_\_  
 Dip \_\_\_\_\_

 Project ASHNOLA  
 Location \_\_\_\_\_  
 Purpose \_\_\_\_\_

 Hole No. 79-2  
 Date \_\_\_\_\_  
 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Cu%	MoS <sub>2</sub>	Rec.	Run.
		74.4 - 75.6 - coarse porphyritic texture, stockwork	13231	70.0	72.0	2.0	0.02	0.016	76.8	78.3
		weaker, very fine minor disseminated MoS <sub>2</sub> .	32	72.0	74.0	"	0.02-0.010		78.3	80.2
		75.6 - 78.3 - same as 73.4-74.4 - at 75.7 several veinlets	33	74.0	76.0	"	0.02-0.009		80.2	83.4
		with appreciable MoS <sub>2</sub> . At 78.3 - appreciable MoS <sub>2</sub>	34	76.0	78.0	"	0.003-0.012		83.4	84.4
		dissemination and in quartz veinlet. Section includes	35	78.0	80.0	"	0.02-0.011		84.4	85.5
		some fractures at 0-5° with slickensided chlorite and	36	80.0	82.0	"	0.02-0.008		85.5	86.6
		locally hematite ; also plates of pyrite.	37	82.0	84.0	"	0.03-0.007		86.6	88.1
78.3	80.2	Volcanic breccia								
		(Agglomerate)								
		Light grey with numerous white and light green altered	38	84.0	86.0	"	0.02-0.004		88.1	89.3
		feldspar 3-10mm in diameter. <i>Odd</i> angular rhyolite fragment	39	86.0	88.0	"	0.03-0.009		89.3	90.2
		20 mm square. Scattering pink K-spar phenocrysts.	40	88.0	90.0	"	0.02-0.009		90.2	93.3
		Quartz veinlets much fewer but carry minor MoS <sub>2</sub> . Biotite	41	90.0	92.0	"	0.01-0.009		93.3	95.1
		at end of section.	42	92.0	94.0	"	0.02-0.011		95.1	97.5
80.2	83.9	Rhyolite porphyry								
		Same as 70.9-78.3 - Light scattering of quartz veinlets,	43	94.0	96.0	"	0.02-0.008		97.5	99.4
		stockwork not as well developed here. At 80.8 - fine	44	96.0	98.0	"	0.03-0.016		99.4	100.6
		MoS <sub>2</sub> in veinlet and disseminated. Fine minor pyrite	45	98.0	100.0	"	0.03-0.020		100.6	102.4
		throughout some fractures with talc, pyrite. This section	46	100.0	102.0	"	0.03-0.009		102.4	103.9
		not as strongly fractured. Some feldspars green, soft.	47	102.0	104.0	"	0.04-0.010		103.9	105.4
83.9	86.3	Volcanic breccia								
		(Agglomerate)								
		Same as 78.3-80.2 - Contains odd coarse fragment.	48	104.0	106.0	"	0.02-0.008		105.4	107.2
		86.0-86.3 - Strongly broken, kaolinized fault at 20° at	49	106.0	108.0	"	0.03-0.011		107.2	108.2
		86.0.	50	108.0	110.0	"	0.04-0.019		108.2	110.0





## E &amp; B EXPLORATIONS LTD.

## DRILL RECORD --

Coord. \_\_\_\_\_ Length 901.0 Project ASHNOLA Hole No. 79-3  
 Elev. 1630.6 m (5350') Azimuth \_\_\_\_\_ Location Prism Property Location B Date Nov. 16/79  
 Core Size HQ Dip -90° Purpose Test for deep mineralization Logged by H.M. Jones

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Rec.	Run	Loss	
0	12.8	Casing						0	12.8	
								12.8	13.7	0.2
12.8	45.7	Rhyolite porphyry						13.7	15.2	
		(low quartz)						15.2	16.8	0.1
		Rhyodacite						16.8	18.6	0.1
		From 12.8-14.2 - totally weathered orange brown in mud with limonite fractures at 10-20°, 45°.						18.6	19.9	1.1
		14.2-16.6 - grey, soft porphyry, strongly fractured at 10° & 45°, heavy iron oxide on all fractures, fine disseminated pyrite, badly broken in part. At 14.2-14.3 - coarse blebs of copper oxide.						19.9	21.6	0.2
								21.6	23.3	
								23.2	24.7	
								24.7	26.2	
		16.6-19.9 - brown, decomposed porphyry, very soft.						26.2	27.7	
		19.9-27.0 - porphyry, limonite on fractures, fracturing at 45° - 70°, much fewer than earlier.						27.7	29.3	
								29.3	31.7	
		At 21.84-22.3 - 30 mmx10mm quartz - calcite lined vuggs.						31.7	33.5	
		At 25.0 - dark enveloped hairline fractures at 70° - minor magnetite, appreciable pyrite associated.						33.5	35.0	
		At 25.1 - similar fractures at 20°.						35.0	36.6	
		At 25.3 - similar fractures, one at 20°, one at 45°.						36.6	38.1	
		At 26.6 - similar fractures at 45°.						38.1	39.6	
		At 27.3 and 27.7 - at 90° - soft, gougy, strongly kaolinized.						39.6	41.2	
								41.2	42.7	
		At 39.0 - light and dark banding at 0-5°.						42.7	44.2	
		At 39.3 - 10 cm band coarse breccia 15°.						44.2	45.7	
								45.7	47.2	



## E &amp; B EXPLORATIONS LTD.

DRILL RECORD --

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Coord. \_\_\_\_\_

Length \_\_\_\_\_

Project ASHNOLAHole No. 79-3

Elev. \_\_\_\_\_

Azimuth \_\_\_\_\_

Location \_\_\_\_\_

Date \_\_\_\_\_

Core Size \_\_\_\_\_

Dip \_\_\_\_\_

Purpose \_\_\_\_\_

Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
From	To			From	To		Rec.	Run	Loss
12.8	45.7	Cont'd					47.2	48.8	
		From 39.7 - 40.5 - similar coarse breccia band at 20° - dark grey finely fragmental matrix with abundant clay					48.8	50.8	0.4
		altered mafics, coarse breccia, fragments to 20 mm x 20 mm, soft, calcite on fractures.					50.8	51.8	0.4
		At 41.1 - 10 cm breccia band at 15°.					51.8	53.3	
		From 42.7 - 43.6 - kaolinized band at 0°.					53.3	54.9	0.2
		From 45.4-45.7 - contact at 0-5° between above porphyry and white to very light grey rhyolite porphyry with abundant quartz phenocrysts. Entire section to this point contains pervasive kaolinization, feldspars with light grey-green alteration. Minor, fine disseminated pyrite throughout. Very rare quartz veinlets.					54.9	56.4	
							56.4	57.9	
							57.9	59.5	
							59.5	60.9	
							60.9	62.5	
							62.5	64.0	
							64.0	65.5	
							65.5	67.1	
45.7	47.0	Rhyolite porphyry					67.1	68.5	
		with quartz					68.5	70.1	
		phenocrysts, cut by stockwork of 1-2 mm quartz veins at 0°, 20°, 45°, 70° and others. Very minor MoS <sub>2</sub> in odd veinlet, also minor pyrite. This rock much harder than previous section. Some light pinkish K-spar.					70.1	71.6	
							71.6	73.1	
							73.1	74.6	
							74.6	76.2	
47.0	47.4	Rhyolite porphyry					76.2	77.7	
		(low quartz)					77.7	79.3	0.2
		Similar to sections at start of hole, except fewer phenocrysts, Upper contact broken, clay alteration but probably 30-40°, lower contact kaolinized and sharp at 20° with light green chlorite.					79.3	80.3	
							80.3	82.0	

E & B EXPLORATIONS LTD.

DRILL RECORD --

Coord. \_\_\_\_\_  
 Elev. \_\_\_\_\_  
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Project ASHNOLA  
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 Hole No. 79-3  
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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
From	To			From	To		Rec.	Run	Loss
47.4	48.3	Rhyolite porphyry with quartz					82.0	83.5	
		Strongly broken by fault contact at 0-5° - clay alteration and light green chlorite, all badly broken.					83.5	85.1	0.2
							85.1	86.6	
48.3	51.3	rhyolite porphyry without quartz					86.6	88.1	
		Badly broken to 48.7 - feldspars with light green alteration					88.1	89.6	
51.3	56.1	Rhyolite porphyry with quartz					89.6	91.1	
		Same as 45.7-47.0 - well developed stockwork as previously described, occasional fine veinlet with MoS <sub>2</sub> .					91.1	92.7	
		At 52.8 - 1mm veinlet abundant MoS <sub>2</sub> , minor pyrite.					92.7	94.2	
		At 53.6 - fine veinlet at 30°, another at 70° with fine MoS <sub>2</sub> .					94.2	95.7	
		At 54.1 - fine veinlet with MoS <sub>2</sub> at 0-5°, others at 54.6, 54.9, 55.6 at 65°, 55.8 at 65°.					95.7	97.3	
		At 54.8 - gougy fractures at 80°.					97.3	98.8	
							98.8	100.3	
							100.3	102.1	0.1
							102.1	105.2	
56.1	60.2	Rhyolite porphyry little or no quartz phenocryst					105.2	105.8	0.1
		Upper contact at 10° - similar to 48.3 - 51.3 minor altered biotite. Quartz vein stockwork not as well developed as previous section. Very minor MoS <sub>2</sub> , most veins barren.					105.8	107.3	
		At 59.3 - gougy fractures at 80°.					107.3	108.8	
		At 60.2 - above rock grades into rhyolite porphyry with abundant quartz phenocrysts.					108.8	110.4	
							110.4	112.2	
							112.2	113.7	
							113.7	115.2	
60.2	65.5	Rhyolite prophyry with quartz					115.2	117.1	
		Fine quartz vein stockwork well developed but poorly mineralized. Occasional veinlet with minor MoS <sub>2</sub> and pyrite.					117.1	118.5	

E & B EXPLORATIONS LTD.

DRILL RECORD --

Coord. \_\_\_\_\_  
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 Dip \_\_\_\_\_

Project ASHNOLA  
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 Purpose \_\_\_\_\_

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 Hole No. 79-3  
 Date \_\_\_\_\_  
 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
From	To			From	To		Rec.	Run	Loss
65.5	66.6	Volcanic breccia (Agglomerate)					118.5	120.1	
		Rounded clasts with occasional large angular one up to 20mmx20mm. Feldspars altered to light green, occasional light pink K-feldspar. Section soft, clay altered.					120.1	121.6	
							121.6	123.1	
							123.1	124.9	
66.6	72.0	Rhyolite porphyry with quartz					124.9	126.4	
		Stockwork well developed, MoS <sub>2</sub> veinlets at 68.6, 71.0, 71.4, 71.6. Talc on fractures.					126.4	128.0	
							128.0	129.5	
72.0	76.1	Volcanic breccia (Agglomerate)					129.5	131.1	
		Coarse rounded fragments quartz and feldspar, feldspars soft, light green alteration, few coarse pink K-felds. Upper contact at 90°.					131.1	132.6	
							132.6	136.5	
							136.5	138.0	
							138.0	139.6	
							139.6	142.0	
							142.0	143.5	
76.1	79.2	Rhyolite porphyry with quartz phenocrysts.					143.5	144.2	
		With quartz vein stockwork. Very minor MoS <sub>2</sub> and pyrite moderate fracturing at 70° and 45° with talc. From 78.5 to end of section strongly fractured at 5° and 70°.					144.2	145.7	
							145.7	147.2	
							147.2	148.4	
79.2	186.3	Rhyolite porphyry (may be less bleached form of previous section) less quartz than above section.					148.4	150.0	
		Dark grey, with abundant quartz phenocrysts, cut by many tight fractures at all angles. All fractures show narrow bleached envelopes, contain little or no quartz. Strongly fractured at low and high angles. Minor altered biotite 79.6-80.0 - Volcanic breccia (agglomerate) - feldspar soft green alteration.					150.0	151.5	
							151.5	153.0	
							153.0	157.9	
							157.9	163.07	

E & B EXPLORATIONS LTD.

DRILL RECORD --

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Coord. \_\_\_\_\_  
 Elev. \_\_\_\_\_  
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Project ASHNOLA  
 Location \_\_\_\_\_  
 Purpose \_\_\_\_\_

Hole No. 79-3  
 Date \_\_\_\_\_  
 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
From	To			From	To		Rec.	Run	Loss
79.2	186.3	Cont'd					163.0	170.1	
		Upper contact bleached, irregular, lower contact sharp at 50°					170.1	171.9	
		83.9 - 84.9 -Volcanic breccia band at 10-20°.					171.9	175.0	
		85.7 - 87.3 - white to light grey rhyolite porphyry with quartz phenocrysts and quartz vein stockworks. Minor pyrite veinlets, odd speck of MoS <sub>2</sub> . Upper contact strongly fractured, gougy, kaolinized, lower contact gradational.					175.0	176.5	
		Entire section moderately well fractured at 5°, 30°, 70°.					176.5	187.2	
		99.4-100.3 and 101.1-104.2 - rhyolite porphyry with quartz phenocrysts and vein stockworks. First section contacts at 10°, second at 60°. Very minor MoS <sub>2</sub> , and pyrite in each section.					187.2	188.4	
		102.5-102.6 - all white kaolin gouge, fault at 90° (?)					188.4	193.9	
		At 111.9 - badly broken, gougy.					193.9	196.0	
		At 113.6 - hairline MoS <sub>2</sub> fracture at 15°.					196.0	196.9	
		At 116.4-116.6 - 2mm MoS <sub>2</sub> fracture at 15°, also 4mm massive veinlet pyrite.					196.9	198.7	
		At 114.0 - 5mm gouge at 10°.					198.7	201.8	
		At 117.7 - 5 mm gouge at 90°.					201.8	203.3	0.6
		At 118.6-118.7 - All broken, gougy.					203.3	204.8	0.4
		From approximately 100 meters to 120.0 meters core is more broken, more gougy, more clay or kaolinization, bleached.					204.8	205.7	
		Very minor sulfides.					205.7	207.9	
							207.9	208.9	
							208.9	212.1	
							212.1	213.4	0.2
							213.4	214.6	
							214.6	216.1	0.4
							216.1	217.6	0.3
							217.6	219.8	0.3
							219.8	228.1	

E & B EXPLORATIONS LTD.

DRILL RECORD --

Coord. \_\_\_\_\_  
 Elev. \_\_\_\_\_  
 Core Size \_\_\_\_\_

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Project ASHNOLA  
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 Purpose \_\_\_\_\_

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 Hole No. 79-3  
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 Logged by \_\_\_\_\_

METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
From	To			From	To		Cu	MoS <sub>2</sub>	
79.2	186.3	Cont'd							
		At 121.2 - 10 cm light grey porphyry band at 65°.	13256	120.0	122.0	2.0	0.03	0.006	
		From 123.5-133.0 - very strong bleaching or banding.	57	122.0	124.0	2.0	0.01	0.010	
		White coarsely porphyritic bands at various angles with	58	124.0	126.0	2.0	0.01	0.012	
		remnants dark grey rhyolite porphyry. In white bands	59	126.0	128.0	2.0	0.01	0.014	
		feldspar phenocrysts soft, strongly kaolinized, disseminated	60	128.0	130.0	2.0	0.01	0.008	
		brown weathered biotite. Bleaching still moderately strong	61	130.0	132.0	2.0	0.01	0.011	
		but weaker at end of this section.	62	132.0	134.0	2.0	<0.01	0.019	
		From 133-135 grey rhyolite porphyry as earlier, bleaching	63	134.0	136.0	2.0	0.01	0.011	
		adjacent to all fractures. At 135.6 - quartz veinlet 1mm	64	136.0	138.0	2.0	0.01	0.008	
		with few grains MoS <sub>2</sub> .	65	138.0	140.0	2.0	0.01	0.020	
		From 135-160 - strong bleaching throughout.	66	140.0	142.0	2.0	0.01	0.039	
		At 136.8 - MoS <sub>2</sub> veinlet at 80°.	67	142.0	144.0	2.0	0.01	0.008	
		At 136.8-136.9 - bleached band at 60°.	68	144.0	146.0	2.0	0.01	0.021	
		At 137.4 - fine MoS <sub>2</sub> veinlet.	69	146.0	148.0	2.0	0.01	0.024	
		At 138.3 - fine MoS <sub>2</sub> veinlet at 10°.	70	148.0	150.0	2.0	0.01	0.011	
		At 138.6 - two fine MoS <sub>2</sub> veinlets at 45°.	71	150.0	152.0	2.0	0.01	0.015	
		At 140.1 - MoS <sub>2</sub> on fractures at 30°.	72	152.0	154.0	2.0	<0.01	0.011	
		From 140.5-141.7 - two fine quartz veinlets with spotty	73	154.0	156.0	2.0	0.01	0.024	
		MoS <sub>2</sub> parallel core 0-5°.	74	156.0	158.0	2.0	<0.01	0.013	
		At 142.1 - fine quartz veinlet at 30° with MoS <sub>2</sub>	75	158.0	160.0	2.0	<0.01	0.014	
		At 142.4 " " " " " " " "	76	160.0	162.0	2.0	<0.01	0.014	
		At 144.5 - fault gouge 5mm at 50°.	77	162.0	164.0	2.0	<0.01	0.010	
		At 144.6-144.7 - two fine quartz veins at 10° & 45° with MoS <sub>2</sub>	78	164.0	166.0	2.0	<0.01	0.016	



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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	MoS <sub>2</sub>			
79.2	186.3	At 146.1 - graphite slip at 85°.	13279	166.0	168.0	2.0	0.01	0.012			
		At 146.8 - fine quartz vein with MoS <sub>2</sub> at 15°	80	168.0	170.0	"	0.01	0.022			
		From 135 - all rock more altered than perviously.	81	170.0	172.0	"	0.01	0.007			
		All mottled, light grey vague poyphyry. All strongly bleach-	82	172.0	174.0	"	0.01	0.012			
		ed. Very minor sulfides except were noted. Weak chlorite	83	174.0	176.0	"	0.02	0.013			
		on some fractures. Minor pyrite throughout. Veinlets with	84	176.0	178.0	"	0.01	0.013			
		MoS <sub>2</sub> at 150.6 at 60°, 150.9 - 151.2 at 10°, 151.5 at 10°,	85	178.0	180.0	"	0.01	0.010			
		151.9 at 65°, 152.2 at 30°, 153.0 at 60°.	86	180.0	182.0	"	0.01	0.036			
		Badly broken, gougy at low angles 153.5-153.9	87	182.0	184.0	"	0.04	0.008			
		Veinlets with MoS <sub>2</sub> , at 154.3 at 30°; 155.1 at 30°; 155.9	88	184.0	186.0	"	0.02	0.016			
		at 25°; 157.9 at 10°; 158 at 45°. At 157 - 5 mm quartz	89	186.0	188.0	"	0.02	0.010			
		vein at 0° - unmineralized.	90	188.0	190.0	"	0.02	0.012			
		Very fine veinlets with MoS <sub>2</sub> at 160.2 at 40°; 160.7 at 30°	91	190.0	192.0	"	0.02	0.010			
		161.6 at 30°; 166.8 at 70°; two at 169 at 15°.	92	192.0	194.0	"	0.01	0.010			
		Strongly belached band 161.2 - 161.5. Overall bleaching	93	194.0	196.0	"	0.01	0.020			
		maybe slightly less starting at 160.	94	196.0	198.0	"	0.01	0.012			
		At 171.9 - 20 cm gouge and strongly kaolinized rhyolite.	95	198.0	200.0	"	0.01	0.017			
		Narrow veinlets with MoS <sub>2</sub> at 171.2 at 10°; 175.2 at 20°.	96	200.0	202.0	"	0.01	0.088			
		177.2 at 5°; 177.5 at 10°; 178.9 at 10°; 180.7 at 20°	97	202.0	204.0	"	0.01	0.059			
		Gougy faults at 175 at 0°, 175.7 at 10°; 175.8 at 60°,	98	204.0	206.0	"	0.03	0.011			
		178.9 at 30°.	99	206.0	208.0	"	0.01	0.018			
		Brecciated rhyolite porphyry 178.9-179.5 - gougy faults at	13300	208.0	210.0	"	0.01	0.007			
		30°.	13301	210.0	212.0	"	0.01	0.011			







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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	MoS <sub>2</sub>			
210	306.	From 256-259.0 - slightly less bleaching, but still	13325	258.0	260.0	2.0	0.04	0.010			
		strong bleached envelopes to fractures.	26	260.0	262.0	"	0.05	0.006			
		At 259 - broken, bleached, band of black, hard metallic,	27	262.0	264.0	"	0.01	0.014			
		mineral, same at 260 at 0°, broken here.	28	264.0	266.0	"	<0.01	0.031			
		Badly broken 260 - 261.3 - large core loss, low angle	29	266.0	268.0	"	<0.01	0.053			
		faults and fractures.	30	268.0	270.0	"	<0.01	0.019			
		Vuggy fractures at 30° 261.8 - minor MoS <sub>2</sub>	31	270.0	272.0	"	<0.01	0.008			
		Moderate bleaching 262.	32	272.0	274.0	"	<0.01	0.028			
		From 264-267.5 - scattering of 2.5mm quartz veins at 0°	33	274.0	276.0	"	0.01	0.011			
		and 30°. These are wider than most seen to date.	34	276.0	278.0	"	<0.01	0.033			
		MoS <sub>2</sub> in veins at 264.8 at 30°; 266.2 at 30°; 267 at 30°; 267.5 at	35	278.0	280.0	"	0.01	0.019			
		10°; 267.5 at 0°.	36	280.0	282.0	"	0.01	0.023			
		From 267.5 - 279.0 - scattering of fine quartz veinlets,	37	282.0	284.0	"	<0.01	0.012			
		very minor sulfides.	38	284.0	286.0	"	<0.01	0.014			
		MoS <sub>2</sub> in quartz veinlet at 272.3 at 30°; 272.6 at 10°; 273.9-	39	286.0	288.0	"	0.02	0.013			
		274.2 at 5°-10°. Scattered fine veinlets to 279 - very	40	288.0	290.0	"	<0.01	0.034			
		minor MoS <sub>2</sub> .	41	290.0	292.0	"	<0.01	0.007			
		From 282-296 - moderately strong bleaching, rock more	42	292.0	294.0	"	0.01	0.028			
		like rhyolite porphyry with quartz phenocrysts, fairly	43	294.0	296.0	"	0.02	0.029			
		numerous fine quartz veinlets but very little sulfides.	44	296.0	298.0	"	<0.01	0.012			
		Minor pyrite on some "dry" fractures.	45	298.0	300.0	"	<0.01	0.013			
		At 283.7 - probable fault, core broken, kaolinized	46	300.0	302.0	"	<0.01	0.020			
		From 286.5 - 288.3 - vuggy chlorite slip at 0°.	47	302.0	304.0	"	<0.01	0.035			

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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	MoS <sub>2</sub>	Rec.	Run	Loss
210.0	306.1	At 289.6 - 1mm massive MoS <sub>2</sub> at 10°.	13348	304.0	306.0	2.0	0.11	0.020	323.1	324.6	0.1
		At 289.95 - vuggy quartz vein at 90° - no sulfides.	49	306	308	"	0.004	0.007	324.6	329.2	
		From 290 - 306.1 - much of rock bleached, numerous quartz phenocrysts, approaching rhyolite porphyry with quartz phenocrysts. Numerous quartz veins but poorly mineralized.	50	308	310	"	0.01	0.010	329.2	330.4	0.2
			51	312	314	"	0.02	0.040	330.4	336.5	
			52	314	316	"	0.01	0.020	336.5	348.4	
		At 293.5 vuggy quartz vein 15mm wide, MoS <sub>2</sub> on walls at 20°	53	316	318	"	0.01	0.008	348.4	350.8	0.2
		From 293.5-306.1 quartz vein stockwork well developed, most veins contain very minor MoS <sub>2</sub> . Best mineralized veins noted below. At 295.6-296.3 - vuggy - brecciated quartz veining zone, minor MoS <sub>2</sub> throughout.	54	318	320	"	0.01	0.009	350.8	353.5	
			55	320	322	"	0.01	0.006	353.6	355.1	0.2
			56	322	324	"	0.01	0.006	355.1	356.8	0.5
			57	324	326	"	0.01	0.017	356.8	357.8	0.2
		At 300.8 - 4 mm quartz vein at 45° with MoS <sub>2</sub> on walls.	58	326	328	"	0.01	0.012	357.8	359.0	
		At 301.1 - 3mm quartz veins at 15° with MoS <sub>2</sub> ; also at 301.4 at 90°; 302.1 at 45°; 303.4 at 10° - bleached and gougy here, 304.1 at 10° and 60° in broken zone.	59	328	330	"	<0.01	0.013	359.9	NIL	
			60	330	332	"	<0.01	0.020			
			61	332	334	"	<0.01	0.009			
		At 304.6 - slickensides at 45° with chlorite; MoS <sub>2</sub> and pyrite.	62	334	336	"	<0.01	0.014			
			63	336	338	"	0.01	0.008			
		At 304.7 - slickensided MoS <sub>2</sub> at 45°.	64	338	340	"	0.01	0.020			
		At 305.8 - 5mm, quartz vein with appreciable MoS <sub>2</sub> .	65	340	342	"	0.01	0.004			
		At 305.9 - brecciated at 10° with 10mm pyrite & chlorite & MoS <sub>2</sub> .	66	342	344	"	0.01	0.006			
			67	344	346	"	<0.01	0.014			
306.1	308.5	Rhyodacite porphyry Light grey, numerous anhedral feldspar (white) phenocrysts 2-5mm in diameter, very few quartz veinlets.	68	346	348	"	<0.01	0.037			
			69	348	350	"	<0.01	0.006			



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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Cu	MoS <sub>2</sub>		
308.5	379.6	From 357.3-366.7 - very little MoS <sub>2</sub> , locally coarse pyrite on fractures. Rock all the same.	13370	350	352	2.0	<0.01	0.014		
		From 366.7-367.7 - locally brecciated. From 367.4-367.7 - 10mm quartz vein at 60°, locally appreciable MoS <sub>2</sub> .	71	352	354	"	<0.01	0.005		
		At 370 - MoS <sub>2</sub> slip at 65°.	72	354	356	"	<0.01	0.004		
		At 369.6 - core broken at low angle, kaolinized, MoS <sub>2</sub> in slips and veinlets to 370.	73	356	358	"	0.02	0.005		
		At 370.5 - crushed zone at 5°, appreciable pyrite.	74	358	360	"	<0.01	0.004		
		Numerous low angle fractures from here to 373.0 with chlorite quartz vein stockwork becoming stronger from 372 on but very poorly mineralized.	75	360	362	"	<0.01	0.003		
		At 379.6m - vuggy fractures at 10° with coarse MoS <sub>2</sub>	76	362	364	"	<0.01	0.006		
		At 379.6m, reduced to NQ size (1245').	77	364	366	"	<0.01	0.005		
		At 379.6m, reduced to NQ size (1245').	78	366	368	"	0.01	0.062		
		At 379.6m, reduced to NQ size (1245').	79	368	370	"	<0.01	0.020		
		At 379.6m, reduced to NQ size (1245').	80	370	372	"	<0.01	0.010		
		At 379.6m, reduced to NQ size (1245').	81	372	374	"	<0.01	0.005		
		At 379.6m, reduced to NQ size (1245').	82	374	376	"	<0.01	0.007		
379.6	383.0	Same, but NQ	83	376	379.6	3.6	<0.01	0.008		
383.0	385.5	Rhyolite porphyry with quartz phenocrysts (rhyodacite)	84	379.6	382	2.4	<0.01	0.032		
		Similar to above, very light grey-white, but finer grained. Most phenocrysts 1-2mm, otherwise same as above. Faint banding at 80°, no quartz vein stockwork. Lower contact irregular at 60°. Quartz phenocrysts not as abundant.	85	382	384	2.0	<0.01	0.001		
			86	384	386	"	<0.01	0.002		
			87	386	388	"	<0.01	0.004		
383.5	404.2	Rhyolite porphyry with quartz phenocrysts.	88	388	390	"	<0.01	0.002		
		Same as prior to 383.0. Quartz vein stockwork locally well developed but poorly mineralized. Pyrite common on many "dry" fractures.	89	390	392	"	<0.01	0.020		



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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	MoS <sub>2</sub>			
383.5	404.2	MoS <sub>2</sub> veinlet at 387.0 at 10°; 391.3-391.5 - 3mm quartz vein at 20° with MoS <sub>2</sub> ; 395.5 at 10°; 399.1 at 10°; 399.4 at 60°. At 391.0 - 10 cm breccia zone at 15° with pyrite. MoS <sub>2</sub> veinlets at 399.7 at 35°; 400.0 at 15°	13390	392	394	2.0	<	0.01	0.003		
		401.6-402.4 Several fractures parallel core; 402.5-403.0 - several low angle fractures. 401.8 - bleached, gougy fault zone at 10° with pyrite and chlorite. MoS <sub>2</sub> veinlet at 403.5 at 0°.	91	394	396	"	<	0.01	0.017		
			92	396	398	"	<	0.01	0.005		
			93	398	400	"	<	0.01	0.032		
			94	400	402	"	<	0.01	0.010		
			95	402	404	"	<	0.01	0.011		
404.2	404.6	Porphyry dyke									
		Dark grey biotite rich matrix with coarse, bleached fedsoar phenocrysts, anhedral, 5 mm in diameter and a few quartz phenocrysts the same size	96	404	406	"	<	0.01	0.005		
		Upper contact at 20°; lower irregular at 20-45°.	97	406	408	"		0.01	0.006		
			98	408	410	"	<	0.01	0.010		
404.6	449.5	Rhyolite porphyry									
		Same at 385.5-404.2 - quartz phenocrysts not too obvious.	99	410	412	"		0.01	0.018		
		From 407.4-408.4 - abundant weathered biotite strongly bleached at 408.4. MoS <sub>2</sub> at 411.7 at 60°; also 10mm quartz vein at 10° with abundant MoS <sub>2</sub> ; on dry fractures 412.7 - 413; Quartz vein stockwork much weaker from 417. From 417.3-418.3 - scattered veinlets with MoS <sub>2</sub> .	400	412	414	"		0.02	0.007		
			401	414	416	"		0.01	0.004		
			402	416	418	"		0.02	0.034		
			403	418	420	"		0.01	0.007		
404.6	449.5	Cont'd									
		422.1-422.3 - MoS <sub>2</sub> veinlet at 0-5°. 423-423.4 - darker grey rhyolite porphyry band at 80°, strongly fractured. Sericite on fracture at 423.4 MoS <sub>2</sub> veinlet at 0° 423.4-423.6; 425.4 at 10°. Strongly leached + chlorite - 423.8-424.6 Fairly strong fracturing starting at 427.	404	420	422	"		0.01	0.013		
			405	422	424	"		0.01	0.062		
			406	424	426	"	<	0.01	0.006		
			407	426	428	"		0.03	0.005		
		Many with chlorite. MoS <sub>2</sub> veinlet at 433.5.	408	428	430	"		0.02	0.008		
		433.5-434.4 - strongly fractured, kaolinized, gougy zone at 75° at 434.3	409	430	432	"		0.01	0.010		

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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY		
From	To			From	To		Cu	MoS <sub>2</sub>	
404.6	449.5	Cont'd							
		Chlorite and pyrite on low angle slips, possibly fine MoS <sub>2</sub> , as well.	13410	432	434	2.0	0.02	0.006	
		434.4-435.0 - rhyolite breccia, appreciable chlorite mafics	13411	434	436	"	0.02	0.007	
		435.0-435.5 - light grey-brown feldspar porphyry - dyke (?)	12	436	438	"	0.01	0.025	
		contacts vague.	13	438	440	"	0.01	0.008	
		435.5-435.9 - core badly broken, fault zone with quartz, several black	14	440	442	"	0.01	0.018	
		chlorite-pyrite muddy slips - may have fine MoS <sub>2</sub> . MoS <sub>2</sub> veinlet at	15	442	444	"	0.01	0.008	
		at 437.2 at 60°; 437.4-439.9 at 0°; 437.9 at 60° - this is a	16	444	446	"	0.01	0.008	
		massive 1 mm fracture coating; 438.5 at 90°; 441.0 at 30°; leached,	17	446	448	"	0.02	0.006	
		bleached at 440.9	18	448	450	"	<0.01	0.008	
		444-444.4 - low angle chlorite fractures, bleaching, kaolinized	19	450	452	"	<0.01	0.007	
		many low angle fractures and moderate kaolinization from here to 447.9;	20	552	454	"	0.01	0.008	
		especially 447.5-447.9. MoS <sub>2</sub> veinlet at 448.6 at 10°; 454.5 at 10°;	21	454	456	"	<0.01	0.020	
		456.5 at 0° pyrite vein 1-2mm at 452.7 at 10°.	22	456	458	"	<0.01	0.007	
449.5	485.5	Rhyolite porphyry							
		From 449.5-454.2 - slightly darker, feldspathic matrix less bleached.	23	458	460	"	<0.01	0.008	
		with quartz phenocrysts From this point on similar to 210-306.1.	24	460	462	"	<0.01	0.008	
		455.4-460.0 - quartz veins up to 5mm parallel core - unmineralized.	25	462	464	"	<0.01	0.018	
		460.2 - MoS <sub>2</sub> veinlet at 30°. 467.0 - MoS <sub>2</sub> veinlet at 15°.	26	464	466	"	<0.01	0.017	
		From 449.5-485.5 mostly darker grey rhyolite porphyry with variable	27	466	468	"	<0.01	0.008	
		amounts glassy quartz phenocrysts. Feldspar phenocrysts anhedral,	28	468	470	"	<0.01	0.005	
		slightly smaller than previous section main difference from above	29	470	472	"	<0.01	0.004	
		section is color, probably less bleaching. Very minor pyrite.	30	472	474	"	<0.01	0.009	
		475 - MoS <sub>2</sub> veinlet at 60°. MoS <sub>2</sub> on "dry" fracture at 477.6 @ 60°	31	474	476	"	<0.01	0.006	
		then all broken to 480.	32	476	478	"	<0.01	0.005	

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From	To			From	To		Cu	MoS <sub>2</sub>	Rec	Run	Loss
449.5	485.5	Cont'd	13433	478	480	2.0	<0.01	0.004	513.0	515.7	
		479.5 - fault zone to 480.0. Gouge and broken rock to 479.65;									
		then all broken to 480. MoS <sub>2</sub> veinlet at 481.9 at 20°; 485.5 @ 5°.	34	480	482	"			515.7	518.7	
							0.01	0.013	NIL		
485.5	486.5	Rhyolite porphyry	35	482	484	"	<0.01	0.013	518.7	554.1	
		Similar to above but lighter color. May be a contact at 485.5 at 60°,	36	484	486	"	<0.01	0.035	554.1	557.4	
		offset 70mm along 5° fracture. Pyrite veinlet at 486.3 at 5°.	37	486	488	"	<0.01	0.013	557.4	559.6	
		Lower contact sharp at 30°.									
486.5	511.8	Rhyolite porphyry	38	488	490	"	<0.01	0.006	559.6	562.9	
		Very similar to 449.5-485.5 - but lighter grey, bleached band at 0° to	39	490	492	"	0.01	0.009	562.9	572.1	
		488. Porphyry texture weak due to alteration. No quartz vein	40	492	494	"	<0.01	0.010	572.1	574.3	
		stockwork. 487.7- MoS <sub>2</sub> veinlet at 45°. 489 - 1-2mm dark band at 0°,	41	494	496	"	<0.01	0.019	574.3	586.2	
		with abundant pyrite, chlorite. 491.4-491.6 - vuggy, siliceous bands	42	496	498	"	0.01	0.008	586.2	589.2-0.9	
		at 45°. 492.8-493.6 - low angle fractures with chlorite + kaolin.	43	498	500	"	<0.01	0.006	589.2	591.3	
		494.8-495.3 - Coarse porphyry (agglomerate ?) - contacts bleached	44	500	502	"	<0.01	0.014	591.3	593.2-0.6	
		and vague, may be at 60°. At 494.8 - MoS <sub>2</sub> fracture at 30°.	45	502	504	"	<0.01	0.006	593.2	596.2-0.7	
		499.6-499.7 at 30° - breccia, white kaolin rich matrix with coarse	46	504	506	"	0.01	0.023	596.2	605.3	
		fragments of rhyolite porphyry.	47	506	508	"	0.01	0.008	605.3	608.1	
		500.4 - 500.7 - graphite-kaolin-chlorite-pyrite slip at 5°	48	508	510	"	<0.01	0.005	608.1	610.5	
		504.2-505.1 - agglomerate band, pyrite vein at 0° from 504.3 to 504.6;	49	510	512	"	0.02	0.008	610.5	612.6	
		MoS <sub>2</sub> on fractures at 504.7. Whole section kaolinized	50	512	514	"	<0.01	0.005			
		509.9-510.0 - broken, light colored, siliceous.									
		510.8 - MoS <sub>2</sub> veinlet at 45°.	13551	514	516	"	0.01	0.003			

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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	MoS <sub>2</sub>			
511.8	514.5	Volcanic breccia (Agglomerate)	13552	516	518	2.0	0.03	0.008			
		Similar to 72.0-76.1 - clasts commonly 5mm in diameter, some up to 10mm and 20mm. Biotite 5% - throughout. Upper contact poor at 20°, lower sharp at 70°, 25mm grey feldspathization at lower contact.	553	518	520	" <	0.01	0.006			
			554	520	522	" <	0.01	0.010			
			555	522	524	"	0.01	0.005			
514.5	515.1	Rhyolite porphyry	556	524	526	"	0.01	0.050			
515.1	515.7	Volcanic breccia	557	526	528	"	0.01	0.073			
		Completely leached and decomposed-bleached feldspar fragments (or phenocrysts) in grey altered biotite rich matrix. End of section gouge.	558	528	530	"	0.01	0.032			
			559	530	532	"	0.02	0.005			
515.7	519.3	Rhyolite porphyry	560	532	534	"	0.02	0.011			
		Similar to 514.5-515.1 - grey, vague porphyry texture, low in quartz phenocrysts at start of section but numerous after 5m. Becomes lighter grey-white after 517.0	561	534	536	"	0.03	0.017			
			562	536	538	"	0.01	0.006			
519.3	519.95	Volcanic breccia	563	538	540	"	0.01	0.006			
		White grey-green matrix with angular to round rhyolite clasts commonly 2-3mm in diameter, few 10mm in diameter.	564	540	542	"	0.01	0.016			
		Fine MoS <sub>2</sub> veinlet at 519.95 at 60°.	565	542	544	" <	0.01	0.027			
519.95	520.8	Rhyolite porphyry	566	544	546	" <	0.01	0.007			
		Same as 515.7-519.3.	567	546	548	"	0.01	0.014			
		Fine MoS <sub>2</sub> veinlet 520.05 + 520.1 at 60° with pyrite.	568	548	550	" <	0.01	0.011			

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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Cu	MoS <sub>2</sub>		
520.8	526.0	Volcanic breccia with biotite rich sections	13569	550	552	2.0	<0.01	0.005		
		Similar to 519.3-519.95 - Light grey-white, kaolinized, approximately 3-5% biotite, feldspar soft and with white to light green alteration, numerous light pink k-spar.	570	552	554	"	<0.01	0.017		
			571	554	556	"	<0.01	0.020		
		521.65-521.8 - dark grey-green biotite rich zone, much finer grained, soft, leached.	572	556	558	"	<0.01	0.002		
			573	558	560	"	<0.01	0.007		
		522.0-522.5 - similar dark biotite rich band, few coarse rounded feldspar clasts. Chloritized, soft leached.	574	560	562	"	<0.01	0.018		
			575	562	564	"	<0.01	0.008		
		523.6-525.6 - similar to above, soft, crumbly, chloritized, Locally with distinct fragmental texture. At 525.1 - MoS <sub>2</sub> veinlet at 0°.	13451	564	566	"	<0.01	0.006		
			452	566	568	"	<0.01	0.004		
			453	568	570	"	<0.01	0.009		
526.0	534.7	Biotite-rich volcanic breccia with light breccia sections.	454	570	572	"	<0.01	0.011		
		Biotite rich with feldspar clasts up to 15mm +10 m. Feldspars are light grey-green, weakly magnetic. Section more solid, not as leached as previous.	455	572	574	"	0.01	0.010		
			456	574	576	"	<0.01	0.004		
		526.6-527.6 - mixed light breccia with biotite rich sections - irregular biotite alteration. MoS <sub>2</sub> - pyrite vein over this entire length at 0°.	457	576	578	"	<0.01	0.005		
			458	578	580	"	<0.01	0.005		
			459	580	582	"	0.01	0.021		
		From 533.0-534.7 - bleaching along fractures producing coarse fragmental texture - light feldspathic breccia with dark biotite-rich breccia. Grades to normal light grey volcanic breccia. Vein with pyrite and weak MoS <sub>2</sub> , at 0°	460	582	584	"	<0.01	0.020		
			461	584	586	"	<0.01	0.005		
			462	586	588	"	0.01	0.011		
			463	588	590	"	<0.01	0.010		

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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	MoS <sub>2</sub>			
534.7	570.4	Rhyolite porphyry									
		Very similar to 519.9-520.8 - beginning of section very light grey, feldspathic, small round quartz phenocrysts MoS <sub>2</sub> veinlet at 534.9 at 45°; 535.3 at 0°; 536.1-536.5 at 0-5° -	13464	590	592	2.0	<	0.01	0.006		
			65	592	594	"		0.01	0.008		
			66	594	596	*		0.01	0.014		
		this is pyrite with very minor MoS <sub>2</sub> ; 538.6 at 60°. No quartz stockwork, only occasional scattered veins at random orientations.	67	596	598	"		0.01	0.008		
			68	598	600	"		0.01	0.007		
			69	600	602	"	<	0.01	0.018		
		540.1-541.1 - fine quartz veinlet at 0° with pyrite and minor MoS <sub>2</sub> . 541.3 - very fine, veinlet at 20° with pyrite and minor MoS <sub>2</sub> . 541.5 - gougy slip at 30° with MoS <sub>2</sub> and pyrite. Sericite 541.9. 543.0 - MoS <sub>2</sub> on slickensided fracture at 20°. 543.0-543.9 - fine fracture at 0° with pyrite and MoS <sub>2</sub> .	70	602	604	"		0.03	0.011		
			71	604	606	"		0.01	0.014		
			72	606	608	"		0.01	0.007		
			73	608	610	"		0.06	0.006		
			74	610	612	"		0.01	0.006		
			75	612	614	"		0.002	0.003		
		From 544.0 - local areas of weak quartz vein stockwork. Bleaching adjacent to veins and some fractures. Bleached areas similar to "rhyolite porphyry with quartz phenocrysts" which usually has associated stockwork.	76	614	616	"		0.01	0.012		
			77	616	618	"	<	0.01	0.010		
			78	618	620	"		0.01	0.010		
			79	620	622	"	<	0.01	0.006		
		MoS <sub>2</sub> veinlets at 546 at 30°. Fracture nearby with abundant sericite. MoS <sub>2</sub> at 547.5 at 60°; 547.8-548 - with graphite on slip at 0°; 548.8 on vuggy vein at 15°; similarity at 549.9; 550.7 at 30°; 551.4 at 20°; 552.9 - 3mm quartz vein at 15° - minor MoS <sub>2</sub> ; 553.5-553.7 at 5°; 554.2-554.4	80	622	624	"	<	0.01	0.008		
			81	624	626	"	<	0.01	0.009		
			82	626	628	"		0.01	0.006		
			83	628	630	"		0.01	0.004		
			84	630	632	"	<	0.01	0.006		
		1-2mm quartz vein at 15° with abundant MoS <sub>2</sub>	85	632	634	"	<	0.01	0.011		
		554.7-554.8 - lighter grey, bleached, strongly fractured at 60°.	86	634	636	"	<	0.01	0.004		







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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	MoS <sub>2</sub>			
582.3	637.9	Cont'd	13487	636	638	2.0	<	0.01	0.003		
		612.6=614 - a few very fine fractures with scattered sulfides. Large vuggy at 613.9.	88	638	640	"	<	0.01	0.004		
		614.9-615.2 - MoS <sub>2</sub> veinlet at 0°, one of 60°. 616.1-616.2 - two very fine fractures with MoS <sub>2</sub> .	89	640	642	"	<	0.01	0.005		
		618.0 - MoS <sub>2</sub> and pyrite veinlet at 20°.	90	642	644	"	<	0.01	0.023		
		Core less fractured starting here. 618.4 - MoS <sub>2</sub> fracture at 15°.	91	644	646	"	<	0.01	0.013		
		From here to 620 several very fine MoS <sub>2</sub> veinlets at 0-20°.	92	646	648	"	<	0.01	0.009		
		622.1 - vuggy quartz veinlet - 2mm with pyrite at 20°. 623.6 - two fine MoS <sub>2</sub> fractures at 70° one at 5°.	93	648	650	"	<	0.01	0.008		
		627.5 - MoS <sub>2</sub> veinlet at 30°, also at 627.6. 629.9-630.0 - bleached band at 45°. MoS <sub>2</sub> fine	94	650	652	"	<	0.01	0.013		
		veinlets at 632.1 at 70°; 632.4 at 15°, 632.5 at 15°, 633.9 at 20°;	95	652	654	"	<	0.01	0.006		
		633.4 at 20°. 635.3 - MoS <sub>2</sub> veinlet at 0 + 20°. 635.5 - 50mm bleached	96	654	656	"	<	0.01	0.006		
		band at 45°. MoS <sub>2</sub> veinlet at 635.8; aplitic vein 10mm at 635.9 at 45°.	97	656	658	"	<	0.01	0.012		
			98	658	660	"	<	0.01	0.007		
							<	0.01			
637.9	639.1	Volcanic breccia	99	660	662	"	<	0.01	0.006		
		Upper contact at 35°, marked by 30mm bleached rhyolite. Breccia similar to that seen earlier except feldspars more green-yellow	13500	662	664	"	<	0.01	0.012		
		alteration, light scattering biotite. At 638.4 - pyrite - MoS <sub>2</sub> ,	501	664	666	"	<	0.01	0.006		
		veinlet at 30°. Lower contact gradational.	502	666	668	"	<	0.01	0.007		
			503	668	670	"	<	0.01	0.009		
639.1	707.9	Rhyolite porphyry	504	670	672	"	<	0.01	0.002		
		Same as to 637.9 - Light scattering of fine quartz veins 639.1 -639.4 with very minor sulfides. MoS <sub>2</sub> veinlet at 640.2 at 15°, 641.2 at 45°;	505	672	674	"	<	0.01	0.009		
		641.6-642.3 at 0° - very minor sulfides. 642.4 at 20°; 645 at 25° -	506	674	676	"	<	0.01	0.004		
		gougy zone 3 mm with sooty graphite and probably MoS <sub>2</sub> ; 643.9 at 10°	507	676	678	"	<	0.02	0.004		
		- 3mm quartz vein with MoS <sub>2</sub> ; 645.9 at 20° 646.0 at 45°-heavy fracture coating.	508	678	680	"	<	0.01	0.018		







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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY				
From	To			From	To		Cu	MoS <sub>2</sub>	Rec.	Run	Loss
639.1	707.9	Cont'd	13509	680	682	2.0	0.01	0.009	713.8	7.6	9-0.5
		From 693.5 - many fine quartz veins at numerous angles but with very minor or no mineralization.	10	682	684	"	0.01	0.011	718.3	7.2	9-0.4
		696.2-697.4 - many fine veinlets with MoS <sub>2</sub> - more mineralization than normal for here.	11	684	686	"	0.02	0.017	748.6	7.5	4-0.3
		698.5-699.2 - scattered minor mineralization - MoS <sub>2</sub>	12	686	688	"	0.01	0.013	750.4	7.5	4
		similarly at 700; 700.6-700.7; 701-701.3; 702.2; 702.9 - graphite-kaolin-MoS <sub>2</sub> (?) slip at 15°	13	688	690	"	0.01	0.018	753.4	7.5	6-0.7
		703.8 - MoS <sub>2</sub> veinlet at 45°; 703.9 - 5mm barren quartz vein at 45°	14	690	692	"	<0.01	0.010	755.6	7.5	8-0.6
		707.7-707.9 - low angle fractures.	15	692	694	"	<0.01	0.009	756.8	7.5	9-0.8
		Minor MoS <sub>2</sub> in veinlets at 704.8; 705.3; 706.5 - 707.0;	16	694	696	"	0.01	0.007	758.9	7.6	3.1
			17	696	698	"	<0.01	0.009	763.1	7.6	9-0.4
			18	698	700	"	0.01	0.008	865.9	7.7	2.9
			19	700	702	"	0.01	0.007	772.9	7.7	4.8-0.7
709.9	709.0	Rhyolite porphyry	20	702	704	"	0.01	0.010			
		Similar to that prior to 693.8, coarse porphyry texture not so obvious, less bleaching.	21	704	706	"	<0.01	0.003			
		708.3-709.0 - low angle fractures, strong bleaching, at end of section kaolin-graphitic slips.	22	706	708	"	<0.01	0.004	818.1	8.2	3.5-0.3
			23	708	710	"	0.02	0.006			
709.0	711.8	Rhyolite porphyry	24	710	712	"	<0.01	0.008	836.4	8.3	8-0.2
		Similar to that prior to 707.9 but quartz vein stockwork not as coarsely porphyritic well developed.	25	712	714	"	<0.01	0.003			
		light bleaching	26	714	716	"	<0.01	0.010			
		709.0-709.4 - several low angle veinlets with MoS <sub>2</sub>	27	716	718	"	<0.01	0.009	847.0	8.4	7-0.5
		709.5-711.8 - scattered fine veins with MoS <sub>2</sub> .	28	718	720	"	<0.01	0.006			
		At 711.1-3 MoS <sub>2</sub> veins at 30° zone 3mm, with abundant MoS <sub>2</sub> . At this location MoS <sub>2</sub> has spread out along cross-	29	720	722	"	<0.01	0.006			
		cutting 30° fracture. At 711.4 - 2mm MoS <sub>2</sub> vein at 45°	30	722	724	"	<0.01	0.014			



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METER		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY			
From	To			From	To		Cu	MoS <sub>2</sub>		
711.8	759.9	734.9 - 735.4 - veinlet at 0°, three very fine at 60°;	13531	724	726	2.0	< 0.01	0.006		
		736 - 736.1 - band at 80° with coarse feldspar phenocrysts	32	726	728	"	< 0.01	0.010		
		round, light yellow alteration.	33	728	730	"	< 0.01	0.008		
		736.1-736.7 - very fine quartz vein stockwork, scattered minor	34	730	732	"	0.01	0.005		
		mineralization.	35	732	734	"	< 0.01	0.008		
		735.4-735.7 - soft fracture zone; MoS <sub>2</sub> at 738.4 at 25°; 738.5 -738.8 at	36	734	736	"	< 0.01	0.019		
		20°; 739.6 at 60° - very minor.	37	736	738	"	< 0.01	0.005		
		741.6-641.8 - at 20° - fine fracture; 742.5 at 20°.	38	738	740	"	< 0.01	0.008		
		From 742.5-743.0 - lighter grey - reduced to BQ at 743.0	39	740	742	"	< 0.01	0.007		
		From 743.0 - a bit lighter grey, porphyry texture slightly more obvious.	40	742	744	"	< 0.01	0.015		
		MoS <sub>2</sub> veinlet at 744.0 at 20° - 1mm massive sulfide; 745.0 - fine	41	744	746	"	< 0.01	0.023		
		fracture; 745.5 - 2mm quartz vein at 15°, appreciable MoS <sub>2</sub> .	42	746	748	"	0.01	0.008		
		746.3 at 90°; 747.7 - 748 at 0-50, very fine; 748.6 at 10°.	43	748	750	"	0.01	0.012		
		At 748.6 - 748.8 - low angle fractures with sericite.	44	750	752	"	0.01	0.008		
		From 748-748.6 - coarsely porphyritic. 749 - coarse bleb pyrite	45	752	754	"	0.01	0.017		
		10mm x 20mm.	46	754	756	"	< 0.01	0.020		
		749 - strongly fractured, core broken, kaolin on many fractures.	47	756	758	"	< 0.01	0.004		
		751.3-751.8 - fractures at 0-10°, gougy, no solid core - drilling	48	758	760	"	< 0.01	0.012		
		along fault zone. MoS <sub>2</sub> veinlets at 752 at 10° - fine; 753.3-753.5 at 0°	49	760	762	"	0.02	0.002		
		755 at 80° - 1mm MoS <sub>2</sub> ; 759 at 5° - minor. All broken 755.6 - 756.8.	50	762	764	"	0.02	0.001		
		756.0 - graphite-kaolin slip at 10°.	251	764	766	"	0.01	0.004		
		Lighter color, bleached, strongly fractured 756 - 759.9	252	766	768	"	< 0.01	0.006		
			253	768	770	"	< 0.01	0.004		
			254	770	772	"	< 0.01	0.002		







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METER			DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ASSAY					
From	To				From	To							
763.2	862.0	Cont'd	833.4-840.7 - bleached, strongly fractured, drilling down	278	818	820	2.0	<0.01	0.008				
			fracture zone in part. Kaolinized shears at 0-10° from	279	820	822	"	<0.01	0.006				
			836.4 to 837.2; 837.5-837.6 - all crushed; 837.6-838.2 -	280	822	824	"	<0.01	0.005				
			many low angle fractures at 30 & 90° from 838.2-840.2;	281	824	826	"	<0.01	0.006				
			840.2-848.7 - strongly fractured at 1,20 and 90°,	282	826	828	"	<0.01	0.003				
			kaolinized from 833.4-848.7 -many of fractures coated with	283	828	830	"	<0.01	0.008				
			black, soft mineral - clay and chlorite and smeared fine	284	830	832	"	<0.01	0.010				
			pyrite. Probably does not contain any MoS <sub>2</sub> .	285	832	834	"	<0.01	0.004				
			From 848.7-855.3 - core massive, as before strongly	286	834	836	"	<0.01	0.004				
			fracture section at 850.1 and 854.5 - fine veinlets	287	836	838	"	<0.01	0.006				
			look like galena (?) 855.3-856.5 - broken, low angle	288	838	840	"	<0.01	0.004				
			fracture; 856.6 - MoS <sub>2</sub> veinlet at 10°, 859.5 at 60°;	289	840	842	"	<0.01	0.002				
			860 at 30°; 860.1 at 10°; 860.4 at 45° (all resemble	290	842	844	"	<0.01	0.003				
			galene, very fine) also 861.2 at 45°.	291	844	846	"	<0.01	0.006				
862.0	864.1	Breccia	Coarse breccia - angular, rounded, and elongated.	292	846	848	"	<0.01	0.003				
			fragments of dark grey chert and light grey to white rhyolite.	293	848	850	"	<0.01	0.005				
			Altered rhyolite soft and bleached. Upper contact maybe at 10°;	294	850	852	"	<0.01	0.005				
			lower is sharp at 45°.	295	852	854	"	<0.01	0.004				
864.1	865.2	Dyke	Light grey-green fine grained feldspar-rich rock with light scattering	296	854	856	"	<0.01	0.004				
			of anhedral feldspar phenocrysts 2-3mm. These are green	297	856	858	"	<0.01	0.008				
			altered and soft. Entire rock relatively soft.	298	858	860	"	0.01	0.028				





E & B Explorations Ltd.

APPENDIX 2  
Certificates of Analysis



# BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

## Certificate of Analysis

TO E & B Explorations  
3015 - 400 - 4th Avenue SW  
Calgary, Alberta T2P 0J4

A29 - 1251

October 15, 1979

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

MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT
	Cu	Mo		Cu	Mo		Cu	Mo
12970	0.10	0.002	12989	0.09	0.003	13008	0.12	0.003
12971	0.09	0.002	12990	0.11	0.004	13009	0.14	0.003
12972	0.12	0.003	12991	0.07	0.004	13010	0.07	0.009
12973	0.12	0.008	12992	0.15	0.002	13011	0.08	0.001
12974	0.07	0.003	12993	0.13	0.003	13012	0.06	0.003
12975	0.09	0.002	12994	0.17	0.002	13013	0.10	0.002
12976	0.10	0.004	12995	0.12	0.002	13014	0.10	0.002
12977	0.06	0.003	12996	0.10	0.004	13015	0.12	0.004
12978	0.07	0.003	12997	0.07	0.004	13016	0.08	0.004
12979	0.05	0.006	12998	0.09	0.004	13017	0.09	0.002
12980	0.06	0.003	12999	0.05	0.005	13018	0.06	0.002
12981	0.10	0.007	13000	0.11	0.003	13019	0.06	0.005
12982	0.11	0.008	13001	0.09	0.002	13020	0.07	0.006
12983	0.17	0.015	13002	0.08	0.003	13021	0.05	0.003
12984	0.17	0.008	13003	0.10	0.004	13022	0.08	0.004
12985	0.06	0.004	13004	0.09	0.008	13023	0.10	0.002
12986	0.08	0.004	13005	0.07	0.005	13024	0.08	0.002
12987	0.14	0.003	13006	0.07	0.004	13025	0.06	0.001
12988	0.08	0.003	13007	0.07	0.004	13026	0.06	0.004

BONDAR-CLEGG & COMPANY LTD.

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

**NOTE:**

Rejects retained two weeks  
Pulps retained three months

E & B Explorations Ltd.



## Certificate of Analysis

TO E & B Explorations

A29 - 1251 PAGE 2

October 15, 1979

E & B Explorations Ltd.

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

MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT
	Cu	Mo		Cu	Mo		Cu	Mo
13027	0.04	0.002	13046	0.03	0.006			
13028	0.11	0.003	13047	0.04	0.002			
13029	0.12	0.001	13048	0.03	0.004			
13030	0.08	0.001	13049	0.06	0.003			
13031	0.08	0.001	13050	0.06	0.004			
13032	0.10	0.002	13051	0.06	0.004			
13033	0.17	0.004	13052	0.04	0.003			
13034	0.16	0.006						
13035	0.17	0.003						
13036	0.22	0.002						
13037	0.15	0.003						
13038	0.12	0.003						
13039	0.12	0.003						
13040	0.09	0.003						
13041	0.21	0.002						
13042	0.19	0.006						
13043	0.05	0.002						
13044	0.13	0.008						
13045	0.06	0.005						

**NOTE:**

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA





3015 - 400 - 4th Avenue SW  
Calgary, Alberta T2P 0J4

CERTIFICATE OF ASSAY

Samples submitted: October 23, 1979  
Results completed: November 1, 1979

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

MARKED	GOLD		SILVER		Cu	Mo					
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
13069					0.05	0.023					
13070					0.04	0.014					
13071					0.05	0.007					
13072					0.05	0.010					
13073					0.06	0.005					
13074					0.07	0.048					
13075					0.06	0.007					
13076					0.04	0.008					
13077					0.04	0.017					
13078					0.04	0.025					
13079					0.04	0.005					
13080					0.04	0.012					
13081					0.05	0.006					
13082					0.04	0.010					
13083					0.04	0.008					
13084					0.04	0.007					
13085					0.03	0.005					
13086					0.03	0.005					
13087					0.03	0.009					
13088					0.08	0.005					
13089					0.04	0.006					
13090					0.04	0.009					
13091					0.04	0.004					
13092					<0.01	0.002					
13093					<0.01	0.002					

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

*[Signature]*  
Registered Assayer, Province of British Columbia

E & B Explorations Ltd.

*Cl. P. Ass.*



# BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

## Certificate of Analysis

RECEIVED NOV - 8 1979

E & B Explorations Ltd.

TO E & B Explorations Ltd.  
#3015 - 400 - 4th Avenue SW  
Calgary, Alberta T2P 0J4

A29 - 1403

November 5, 1979

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

MARKED	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	Cu	Mo		Cu	Mo		PERCENT	PERCENT
13094	0.04	0.006	13113	0.05	0.006			
13095	0.04	0.006	13114	0.04	0.003			
13096	0.04	0.007	13115	0.04	0.004			
13097	0.08	0.006	13116	0.04	0.006			
13098	0.05	0.008	13117	0.04	0.008			
13099	0.03	0.005	13118	0.02	0.004			
13100	0.05	0.004	13119	0.03	0.005			
13101	0.04	0.006	13120	0.03	0.006			
13102	0.04	0.006	13121	0.02	0.008			
13103	0.05	0.004	13122	0.02	0.004			
13104	0.05	0.005						
13105	0.03	0.011						
13106	0.07	0.004						
13107	0.04	0.006						
13108	0.02	0.012						
13109	0.03	0.008						
13110	0.03	0.002						
13111	0.03	0.002						
13112	0.03	0.007						

NOTE:  
 Rejects retained two weeks  
 Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

*[Handwritten signature]*



# BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

## Certificate of Analysis

TO E & B Explorations Ltd.  
400 - 4th Avenue SW  
Calgary, Alberta T2P 0J4

A29 - 1438

November 13, 1979

E & B Explorations Ltd.

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

MARKED	Metals from to	PERCENT		MARKED	Metals from to	PERCENT		MARKED	Metals from to	PERCENT	
		Cu	Mo			Cu	Mo			Cu	Mo
	13123 362-364	0.03	0.030		13142 411-414	0.03	0.003		13161 415-418	0.01	0.004
	13124 364-366	0.13	0.007		13143 411-416	0.03	0.012		13162 418-419	0.01	0.008
	13125 366-368	0.06	0.003		13144 416-418	0.03	0.008		13163 419-420	0.02	0.044
	13126 368-370	0.02	0.003		13145 418-420	0.03	0.014		13164 420-421	0.01	0.012
	13127 370-372	0.03	0.008		13146 420-422	0.02	0.006		13165 421-422	0.02	0.008
	13128 372-374	0.02	0.018		13147 422-424	0.02	0.014		13166 422-423	0.01	0.007
	13129 374-376	0.02	0.006		13148 424-426	0.02	0.006		13167 423-424	0.02	0.006
	13130 376-378	0.03	0.009		13149 426-428	0.03	0.018		13168 424-425	0.02	0.008
	13131 378-380	0.02	0.006		13150 428-430	0.02	0.005		13169 425-426	0.03	0.004
	13132 380-382	0.03	0.004		13151 430-432	0.01	0.004		13170 426-427	0.02	0.056
	13133 384-386	0.04	0.006		13152 432-434	0.04	0.009		13171 427-428	0.01	0.004
	13134 386-388	0.05	0.007		13153 434-436	0.01	0.018		13172 428-429	0.02	0.006
	13135 388-400	0.06	0.008		13154 436-438	0.01	0.004		13173 429-430	0.02	0.005
	13136 400-402	0.08	0.005		13155 438-440	0.02	0.006		13174 430-431	0.01	0.033
	13137 402-404	0.05	0.006		13156 440-442	0.02	0.019		13175 431-432	0.03	0.014
	13138 404-406	0.03	0.010		13157 442-444	0.03	0.014		13176 432-433	0.01	0.050
	13139 406-408	0.03	0.014		13158 444-446	0.02	0.010		13177 433-434	0.01	0.043
	13140 408-410	0.02	0.004		13159 446-448	0.03	0.011		13178 434-435	0.02	0.011
	13141 410-412	0.05	0.005		13160 448-450	0.01	0.005		13179 435-436	0.01	0.014

NOTE:

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



# BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

## Certificate of Analysis

TO E & B Explorations Ltd.

A29 - 1438

November 13, 1979

PAGE 2

E & B Explorations Ltd.

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

MARKED <i>1762</i> <i>from 10</i>	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	Cu	Mo		Cu	Mo		Cu	Mo
493 - 495	13180	0.01	0.006					
495 - 497.8	13181	0.01	0.016					
501.1 - 503.7	13182	0.02	0.015					
509.9 - 510.1	13183	<0.01	0.008					
513.3 - 516	13184	0.01	0.007					
516 - 518	13185	0.01	0.021					
518 - 520	13186	0.01	0.022					
520 - 522	13187	0.01	0.023					
522 - 524	13188	0.01	0.011					
524 - 526	13189	0.01	0.019					
526 - 528	13190	0.01	0.012					
528 - 530	13191	0.01	0.012					

**NOTE:**

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

To: E & B Explorations Ltd.

REPORT NO. A29 - 1503

PAGE No. 1

**BONDAR-CLEGG & COMPANY LTD.**

DATE: November 21, 1979

3015 - 400 - 4th Avenue South West  
Calgary, Alberta  
T2P 0J4

Samples submitted: November 13, 1979  
Results completed: November 21, 1979

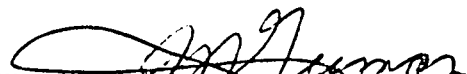
**CERTIFICATE OF ASSAY**

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

**E & B Explorations Ltd.**

MARKED	GOLD		SILVER		Cu	Mo					
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
13192					0.01	0.032					
13193					0.01	0.028					
13194					0.01	0.010					
13195					0.01	0.014					
13196					<0.01	0.005					
13197					<0.01	0.013					
13198					0.01	0.014					
13199					0.01	0.008					
13200					<0.01	0.022					

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

  
Registered Assayer, Province of British Columbia



# BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

## Certificate of Analysis

TO E & B Explorations Ltd.  
400 - 4th Avenue South West  
Calgary, Alberta T2P 0J4

A29 - 1545

November 28, 1979

E & B Explorations Ltd.

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

MARKED	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	Cu	Mo		Cu	Mo		Cu	Mo
13201	0.01	0.007	13220	<0.01	0.001	13239	0.03	0.009
13202	0.02	0.007	13221	<0.01	0.001	13240	0.02	0.009
13203	0.05	0.011	13222	<0.01	0.001	13241	0.01	0.009
13204	0.11	0.006	13223	<0.01	0.001	13242	0.02	0.011
13205	0.11	0.007	13224	0.03	0.006	13243	0.02	0.008
13206	0.13	0.010	13225	0.04	0.009	13244	0.03	0.016
13207	0.16	0.004	13226	0.03	0.004	13245	0.03	0.020
13208	0.36	0.005	13227	0.04	0.004	13246	0.03	0.009
13209	0.23	0.013	13228	0.04	0.008	13247	0.04	0.010
13210	0.10	0.008	13229	0.05	0.013	13248	0.02	0.008
13211	0.11	0.014	13230	0.06	0.012	13249	0.03	0.011
13212	0.03	0.002	13231	0.02	0.016	13250	0.04	0.019
13213	0.08	0.007	13232	0.02	0.010	13251	0.05	0.026
13214	<0.01	0.002	13233	0.02	0.009	13252	0.02	0.010
13215	<0.01	0.001	13234	0.03	0.012	13253	0.02	0.012
13216	<0.01	0.001	13235	0.02	0.011	13254	0.05	0.005
13217	0.03	0.003	13236	0.02	0.008	13255	0.01	0.019
13218	0.05	0.006	13237	0.03	0.007			
13219	0.02	0.005	13238	0.02	0.004			

NOTE:

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



# BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

## Certificate of Analysis

TO E & B Explorations Ltd.  
3015 - 400 - 4th Avenue South West  
Calgary, Alberta T2P 0J4

A29 - 1561

November 29, 1979

E & B Explorations Ltd.

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

MARKED	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	Cu	Mo		Cu	Mo			
13256	0.03	0.006	13275	<0.01	0.014			
13257	0.01	0.010	13276	<0.01	0.014			
13258	0.01	0.012	13277	<0.01	0.010			
13259	0.01	0.014	13278	<0.01	0.016			
13260	0.01	0.008	13279	<0.01	0.012			
13261	0.01	0.011						
13262	<0.01	0.019						
13263	0.01	0.011						
13264	0.01	0.008						
13265	0.01	0.020						
13266	0.01	0.039						
13267	0.01	0.008						
13268	0.01	0.021						
13269	0.01	0.024						
13270	0.01	0.011						
13271	0.01	0.015						
13272	<0.01	0.011						
13273	0.01	0.024						
13274	<0.01	0.013						

NOTE:  
 Rejects retained two weeks  
 Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



**BONDAR-CLEGG & COMPANY LTD.**

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

RECEIVED DEC 18 1979

# Certificate of Analysis

E & B Explorations Ltd.

TO E & B Explorations Ltd.  
2900 Cascade Building  
300 - 5th Avenue South West  
Calgary, Alberta T2P 3C4

A29 - 1608

December 13, 1979

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

MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT
	Cu	Mo		Cu	Mo		Cu	Mo
13280	0.01	0.022	13299	0.01	0.018	13318	<0.01	0.014
13281	0.01	0.007	13300	0.01	0.007	13319	<0.01	0.022
13282	0.01	0.012	13301	0.01	0.011	13320	<0.01	0.013
13283	0.02	0.013	13302	0.01	0.008	13321	<0.01	0.011
13284	0.01	0.013	13303	0.01	0.013	13322	<0.01	0.011
13285	0.01	0.010	13304	0.01	0.010	13323	<0.01	0.014
13286	0.01	0.036	13305	0.01	0.009	13324	<0.01	0.012
13287	0.04	0.008	13306	0.01	0.015	13325	0.04	0.010
13288	0.02	0.016	13307	<0.01	0.012	13326	0.05	0.006
13289	0.02	0.010	13308	<0.01	0.012	13327	0.01	0.014
13290	0.02	0.012	13309	0.01	0.013	13328	<0.01	0.031
13291	0.02	0.010	13310	0.01	0.013	13329	<0.01	0.053
13292	0.01	0.010	13311	0.01	0.014	13330	<0.01	0.019
13293	0.01	0.020	13312	0.02	0.033	13331	<0.01	0.008
13294	0.01	0.012	13313	0.01	0.014	13332	<0.01	0.028
13295	0.01	0.017	13314	0.01	0.012	13333	0.01	0.011
13296	0.01	0.088	13315	0.02	0.010	13334	<0.01	0.033
13297	0.01	0.059	13316	0.01	0.038	13335	0.01	0.019
13298	0.03	0.011	13317	0.02	0.018	13336	0.01	0.023

**NOTE:**

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
CHIEF ASSAYER PROVINCE OF BRITISH COLUMBIA





## Certificate of Analysis

TO E & B Explorations

A29 - 1608

December 13, 1979

Page 2

E & B Explorations Ltd.

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

MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT
	Cu	Mo						
13337	<0.01	0.012						
13338	<0.01	0.014						
13339	0.02	0.013						
13340	<0.01	0.034						
13341	<0.01	0.007						
13342	0.01	0.028						
13343	0.02	0.029						
13344	<0.01	0.012						
13345	<0.01	0.013						
13346	<0.01	0.020						
13347	<0.01	0.035						
13348	0.11	0.020						
13349	0.04	0.007						
13350	0.01	0.010						

**NOTE:**

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
CHIEF ASSAYER PROVINCE OF BRITISH COLUMBIA



# BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

## Certificate of Analysis

TO E & B Explorations Ltd.  
2900 Cascade Building  
300 - 5th Avenue South West  
Calgary, Alberta T2P 3C4

A29 - 1609

December 13, 1979

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

E & B Explorations Ltd.

MARKED	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	Cu	Mo		Cu	Mo		Cu	Mo
13351	0.02	0.040	13370	<0.01	0.014	13389	<0.01	0.020
13352	0.01	0.020	13371	<0.01	0.005	13390	<0.01	0.003
13353	0.01	0.008	13372	<0.01	0.004	13391	<0.01	0.017
13354	<0.01	0.009	13373	0.02	0.005	13392	<0.01	0.005
13355	0.01	0.006	13374	<0.01	0.004	13393	<0.01	0.032
13356	0.01	0.006	13375	<0.01	0.003	13394	<0.01	0.010
13357	0.01	0.017	13376	<0.01	0.006	13395	<0.01	0.11
13358	0.01	0.012	13377	<0.01	0.005	13396	<0.01	0.005
13359	<0.01	0.013	13378	0.01	0.062	13397	0.01	0.006
13360	<0.01	0.020	13379	<0.01	0.020	13398	<0.01	0.010
13361	<0.01	0.009	13380	<0.01	0.010	13399	0.01	0.018
13362	<0.01	0.014	13381	<0.01	0.005	13400	0.02	0.007
13363	0.01	0.008	13382	<0.01	0.007	13401	0.01	0.004
13364	0.01	0.020	13383	<0.01	0.008			
13365	0.01	0.004	13384	<0.01	0.032			
13366	0.01	0.006	13385	<0.01	0.001			
13367	<0.01	0.014	13386	<0.01	0.002			
13368	<0.01	0.037	13387	<0.01	0.004			
13369	<0.01	0.006	13388	<0.01	0.002			

NOTE:

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
REGISTER ASSAYER PROVINCE OF BRITISH COLUMBIA



# BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

## Certificate of Analysis

TO E & B Explorations Ltd.  
2900 Cascade Building  
300 - 5th Avenue South West T2P 3C4

A29 - 1613

December 14, 1979

E & B Explorations Ltd.

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

MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT
<i>marker</i>	Cu	Mo	<i>marker</i>	Cu	Mo	<i>marker</i>	Cu	Mo
<i>416-418</i> 13402	0.02	0.034	<i>454-456</i> 13421	<0.01	0.020	<i>492-494</i> 13440	<0.01	0.010
13403	0.01	0.007	13422	<0.01	0.007	13441	<0.01	0.019
13404	0.01	0.013	13423	<0.01	0.008	13442	0.01	0.008
13405	0.01	0.062	13424	<0.01	0.008	13443	<0.01	0.006
13406	<0.01	0.006	13425	<0.01	0.018	13444	<0.01	0.014
13407	0.03	0.005	13426	<0.01	0.017	13445	<0.01	0.006
13408	0.02	0.008	13427	<0.01	0.008	13446	0.01	0.023
13409	0.01	0.010	13428	<0.01	0.005	13447	<0.01	0.008
13410	0.02	0.006	13429	<0.01	0.004	13448	<0.01	0.005
13411	0.02	0.007	13430	<0.01	0.009	13449	0.02	0.008
13412	0.01	0.025	13431	<0.01	0.006	13450	<0.01	0.005
13413	0.01	0.008	13432	<0.01	0.005	13551	0.01	0.003
13414	0.01	0.018	13433	<0.01	0.004	13552	0.03	0.008
13415	0.01	0.008	13434	0.01	0.013	13553	<0.01	0.006
13416	0.01	0.008	13435	<0.01	0.013	13554	<0.01	0.010
13417	0.02	0.006	13436	<0.01	0.035	13555	0.01	0.005
13418	<0.01	0.008	13437	<0.01	0.013	13556	0.01	0.050
13419	<0.01	0.007	13438	<0.01	0.006	13557	0.01	0.073
<i>452-454</i> 13420	0.01	0.008	<i>490-492</i> 13439	0.01	0.009	<i>528-530</i> 13558	0.01	0.032

NOTE:

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



# Certificate of Analysis

E & B Explorations Ltd.

TO E & B Explorations Ltd.

A29 - 1613

December 14, 1979

PAGE 2

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

MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT
	Cu	Mo						
<i>metres</i> 530-532	13559	0.02	0.005					
	13560	0.02	0.011					
	13561	0.03	0.017					
<i>2 metres</i> 13562	13562	0.01	0.006					
<i>EVAD</i> 13563	13563	0.01	0.006					
	13564	0.01	0.016					
<i>542-544</i> 13565	13565	<0.01	0.027					

NOTE:

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



## Certificate of Analysis

E & B Explorations Ltd.

TO E & B Explorations  
2900 Cascade Building 300 - 5th Avenue South West  
Calgary, Alberta T2P 3C4

A29 - 1620

December 14, 1979

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

MARKED	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	Cu	Mo		Cu	Mo		Cu	Mo
<i>metres</i> 13451 <i>564-566</i>	<0.01	0.006	<i>metres</i> 13470	0.03	0.011	<i>metres</i> 13489	<0.01	0.005
13452	<0.01	0.004	13471	0.01	0.014	13490	0.01	0.023
13453	0.01	0.009	13472	0.01	0.007	13491	<0.01	0.013
13454	<0.01	0.011	13473	0.06	0.006	13492	<0.01	0.009
13455	0.01	0.010	13474	0.01	0.006	13493	0.01	0.008
13456	<0.01	0.004	13475	0.02	0.008	13494	<0.01	0.013
13457	<0.01	0.005	13476	0.01	0.012	13495	0.01	0.006
13458	<0.01	0.005	13477	<0.01	0.010	13496	0.01	0.006
13459	0.01	0.021	13478	0.01	0.010	13497	<0.01	0.012
13460	<0.01	0.020	13479	<0.01	0.006	13498	0.01	0.007
13461	<0.01	0.005	13480	<0.01	0.008	13499	<0.01	0.006
13462	0.01	0.011	13481	<0.01	0.009	13500	<0.01	0.012
13463	<0.01	0.010	13482	0.01	0.006	13501	<0.01	0.006
13464	<0.01	0.006	13483	0.01	0.004	13502	<0.01	0.007
13465	0.01	0.008	13484	<0.01	0.006	13503	0.01	0.009
13466	0.01	0.014	13485	<0.01	0.011	13504	<0.01	0.002
13467	0.01	0.008	13486	<0.01	0.004	13505	<0.01	0.009
13468	0.01	0.007	13487	<0.01	0.003	13506	<0.01	0.004
13469 <i>600-602</i>	<0.01	0.018	13488 <i>638-640</i>	<0.01	0.004	13507 <i>676-678</i>	0.02	0.004

**NOTE:**

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
REGISTERED ASSAYER OF THE PROVINCE OF BRITISH COLUMBIA



## Certificate of Analysis

TO E & B Explorations Ltd.

A29 - 1620

December 14, 1979

Page 2

E & B Explorations Ltd.

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

MARKED	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	Cu	Mo		Cu	Mo		Cu	Mo
13508 <i>metas</i> 678-680	<0.01	0.018	13527 <i>metas</i> 716-718	<0.01	0.009	13572 <i>metas</i> 556-558	<0.01	0.002
13509	0.01	0.009	13528	<0.01	0.006	13573 <i>metas</i> 558-560	<0.01	0.007
13510	0.01	0.011	13529	<0.01	0.006	13574 <i>metas</i> 560-562	<0.01	0.018
13511	0.02	0.017	13530	<0.01	0.014	13575 <i>metas</i> 562-564	<0.01	0.008
13512	0.01	0.013	13531	<0.01	0.006			
13513	0.01	0.018	13532	<0.01	0.010			
13514	<0.01	0.010	13533	<0.01	0.008			
13515	<0.01	0.009	13534 <i>metas</i>	0.01	0.005			
13516	0.01	0.007	13535	<0.01	0.008			
13517 <i>every 2 weeks</i>	<0.01	0.009	13536	<0.01	0.019			
13518	0.01	0.008	13537	<0.01	0.005			
13519	0.01	0.007	13538	<0.01	0.008			
13520	0.02	0.010	13539 <i>metas</i> 740-742	<0.01	0.007			
13521	<0.01	0.003	13566 <i>metas</i> 544-546	<0.01	0.007			
13522	<0.01	0.004	13567	0.01	0.014			
13523	0.02	0.006	13568 <i>metas</i>	<0.01	0.011			
13524	<0.01	0.008	13569 <i>metas</i>	<0.01	0.005			
13525 <i>714-716</i>	<0.01	0.003	13570	<0.01	0.017			
13526	<0.01	0.010	13571 <i>metas</i> 554-556	<0.01	0.020			

NOTE:

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
REGISTERED ASSAYER OF THE PROVINCE OF BRITISH COLUMBIA



**BONDAR-CLEGG & COMPANY LTD.**

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

*File  
Ashcroft*

# Certificate of Analysis

TO E & B Explorations Ltd.

A29 - 1626

2900 Cascade Building

December 20, 1979

300 - 5th Avenue South West, Calgary, Alberta T2P 3G4

E & B Explorations Ltd.

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

MARKED		PERCENT	PERCENT	MARKED		PERCENT	PERCENT	MARKED		PERCENT	PERCENT
		Cu	Mo			Cu	Mo			Cu	Mo
<i>712-744</i>	13540	<0.01	0.015	<i>780-782</i>	259	<0.01	0.008	<i>818-820</i>	278	<0.01	0.008
	13541	<0.01	0.023		260	<0.01	0.002		279	<0.01	0.006
	13542	0.01	0.008		261	<0.01	0.002		280	<0.01	0.005
	13543	0.01	0.012		262	0.01	0.003		281	<0.01	0.006
	13544	0.01	0.008		263	<0.01	0.004		282	<0.01	0.003
	13545	0.01	0.017		264	<0.01	0.004		283	<0.01	0.008
	13546	<0.01	0.020		265	<0.01	0.004		284	<0.01	0.010
	13547	<0.01	0.004		266	<0.01	0.004		285	<0.01	0.004
	13548	<0.01	0.012		267	<0.01	0.006		286	<0.01	0.004
	13549	0.02	0.002		268	<0.01	0.008		287	<0.01	0.006
	13550	0.02	0.001		269	<0.01	0.004		288	<0.01	0.004
	251	0.01	0.004		270	<0.01	0.003		289	<0.01	0.002
	252	<0.01	0.006		271	<0.01	0.003		290	<0.01	0.003
	253	<0.01	0.004		272	<0.01	0.006		291	<0.01	0.006
	254	<0.01	0.002		273	0.01	0.003		292	<0.01	0.003
	255	<0.01	0.004		274	0.01	0.002		293	<0.01	0.005
	256	<0.01	0.002		275	<0.01	0.003		294	<0.01	0.005
	257	<0.01	0.004		276	0.04	0.027		295	<0.01	0.004
<i>778-780</i>	258	<0.01	0.004	<i>816-818</i>	277	0.02	0.007	<i>854-856</i>	296	<0.01	0.004

**NOTE:**

Rejects retained two weeks  
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

## Certificate of Analysis

TO E & B Explorations Ltd.

A29 - 1626

PAGE 2

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

MARKED	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	Cu	Mo		Cu	Mo		Cu	Mo
816-818	297	<0.01	0.008	894-896	316	<0.01	0.002	
	298	0.01	0.028	896-898	317	<0.01	0.001	
	299	0.01	0.020	898-901.0	318	<0.01	0.005	
	300	0.05	0.004		NO NUMBER -?	<0.01	0.007	-?
	301	0.01	0.004					
	302	<0.01	0.009					
	303	<0.01	0.005					
	304	<0.01	0.006					
	305	<0.01	0.004					
	306	<0.01	0.010					
	307	<0.01	0.007					
	308	<0.01	0.004					
	309	<0.01	0.006					
	310	<0.01	0.004					
	311	<0.01	0.012					
	312	<0.01	0.002					
	313	<0.01	0.017					
	314	<0.01	0.012					
872-874	315	0.01	0.002					

**NOTE:**

Rejects retained two weeks  
 Pulps retained three months  
 unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

*(Handwritten Signature)*



**Ashnola - McBride Creek Property**

NOV 1979

MODIFIED AFTER J.S. CHRISTIE, APRIL 1979

**LEGEND**

Alteration Zones

- M Magnetic
- P Potassic
- A Argillic
- S Sericitic
- Boundary of alteration zone

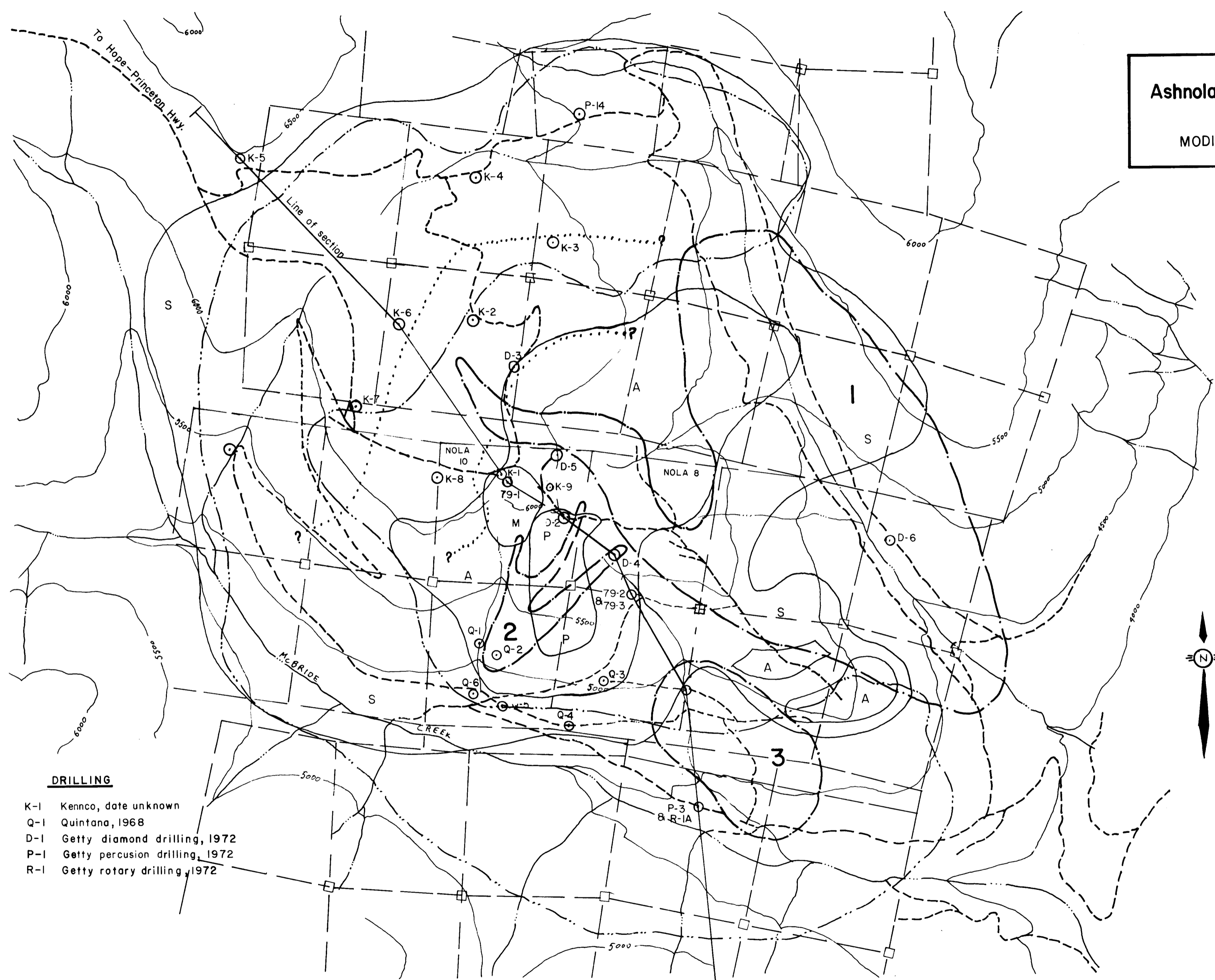
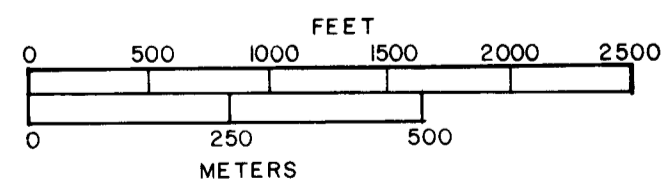
Rock Types

- 1 DIATREME - Pebble Breccia
- 2 QUARTZ MONZONITE
- 3 QUARTZ PORPHYRY
- RHYOLITIC VOLCANICS
- Claim boundary & posts
- Roads
- Creeks
- Contours

- I.P. CHARGEABILITY HIGH +29 MILLISECONDS
- AREA OF LIVE LIMONITE

- DRILL HOLE
- GEOLOGICAL CONTACT

Scale: 1:1200



**DRILLING**

- K-1 Kennco, date unknown
- Q-1 Quintana, 1968
- D-1 Getty diamond drilling, 1972
- P-1 Getty percussion drilling, 1972
- R-1 Getty rotary drilling, 1972

MINING AND REFINING DIVISION  
PROPERTY REPORT  
**7827**

Mo 0 .006 .012 .018 .024 .030 .036 .042 .048%  
 Cu .01 .035 .06 .085 .11 .135 .16 .185 .21%  
 Mo/Cu 0 .05 .1 .15 .2 .25 .3 .35 .4 .45 .5 .55 .6 .65 .7 .75 .80

E & B Explorations Inc.  
 PRISM - ASHNOLA J.V.  
 KEREMEOS, British Columbia  
 D.D.H. 79-1

Scale 1:1200

LEGEND

- ..... Molybdenum values
- Copper values
- Mo/Cu ratio
- NS no sample

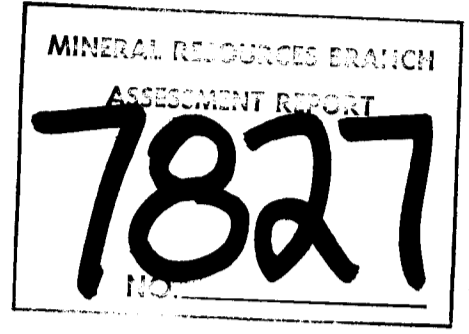
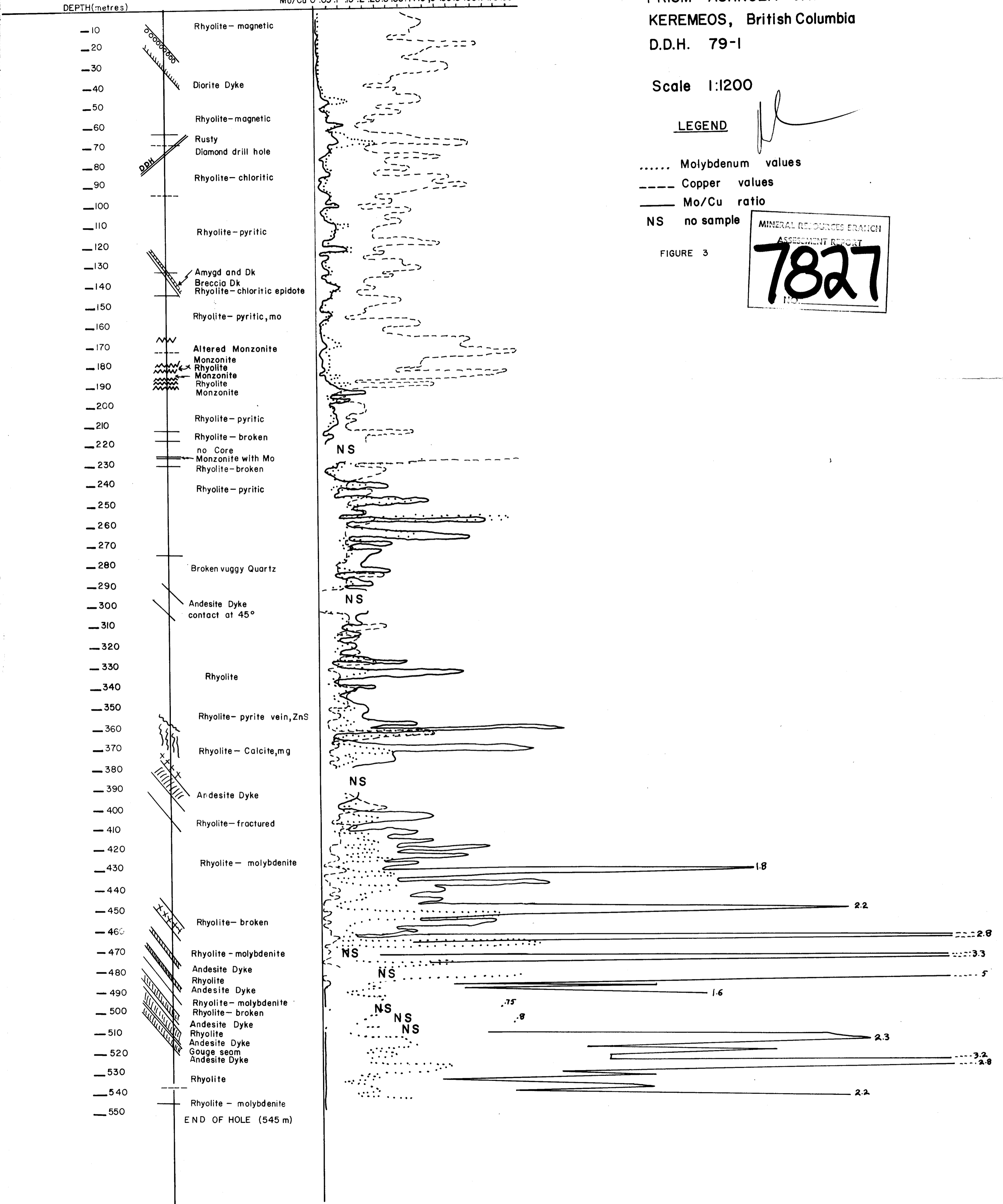
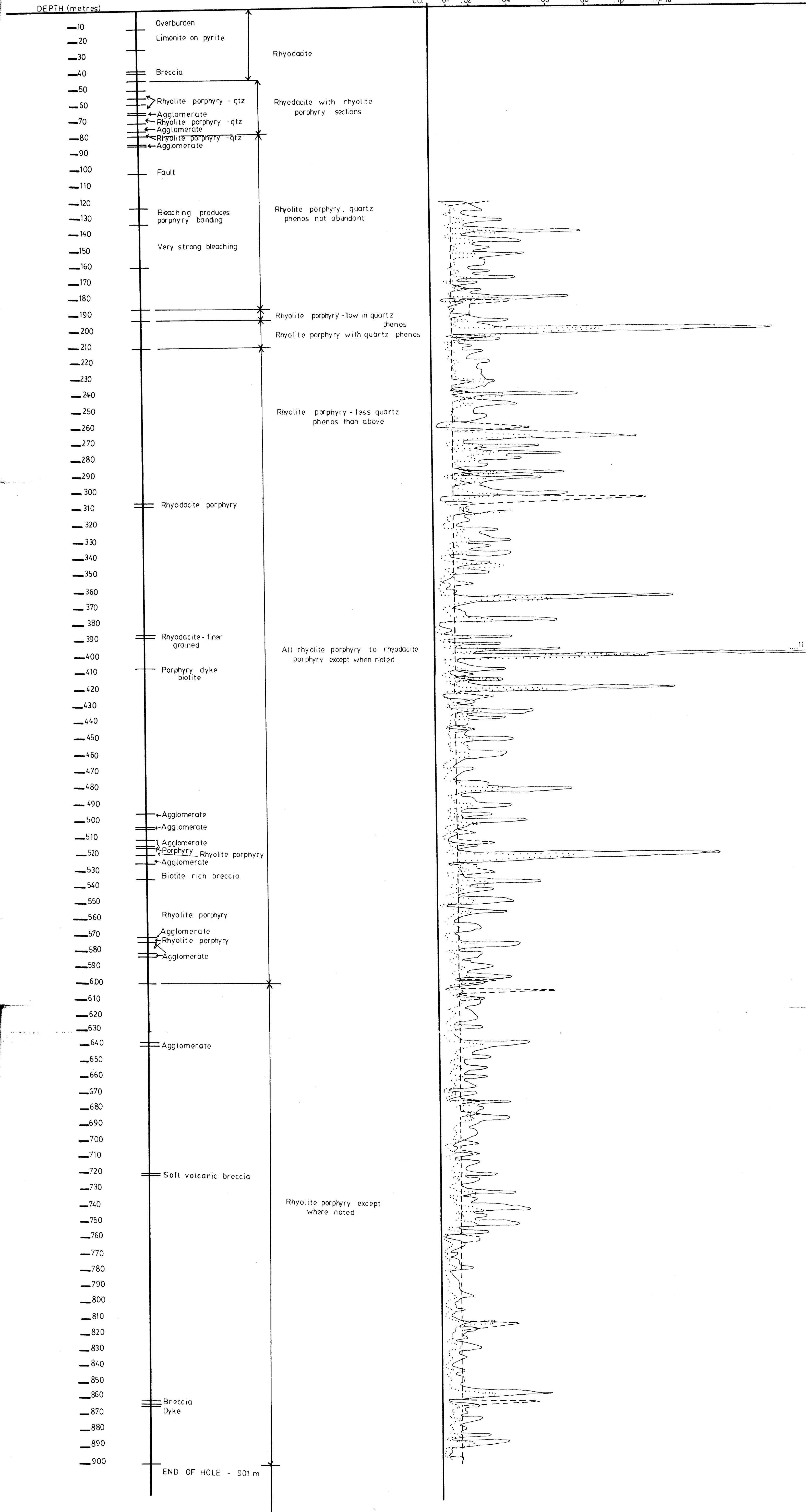


FIGURE 3



Mo/Cu 1.0 20 30 40 50 60  
 Mo .02 .04 .06 .08 .10 12 %  
 Cu .01 .02 .04 .06 .08 .10 12 %



E & B Explorations Inc.  
 Prism - Ashnola J.V.  
 KEREMEOS, British Columbia  
 DDH 79-3  
 Scale 1:1200

LEGEND  
 ..... Molybdenum values  
 --- Copper values  
 — Mo/Cu ratio  
 N.S. no sample

FIGURE 6

ANNUAL REPORT BRANCH  
 7827