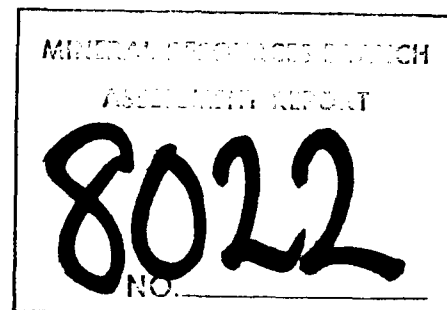


'80-#235-#8022



**SAWYER CONSULTANTS INC.**

REPORT ON THE  
1979 DRILLING PROGRAM ON THE  
ARSENAULT CLAIMS COPPER PROSPECT  
JENNINGS RIVER AREA  
ATLIN MINING DIVISION, B. C.  
NTS - 104 O/13  
Lat.  $59^{\circ}48'$  North  
Long.  $131^{\circ}42'$  West  
for  
REBEL DEVELOPMENTS LTD.



NOVEMBER 26th, 1979

## TABLE OF CONTENTS

	Page
INTRODUCTION .....	1
SUMMARY .....	1
PROPERTY AND OWNERSHIP .....	4
LOCATION AND ACCESS .....	4
HISTORY .....	6
GEOLOGY .....	6
Regional Geology (from Sawyer, 1978) .....	6
Local and Drill Hole Geology .....	9
CONCLUSIONS .....	14
RECOMMENDATIONS .....	15
ESTIMATED COSTS .....	15
For completion of DDH 79-1 .....	15
Additional 4500 ft. drilling .....	16
CERTIFICATES	
T. E. Gregory Hawkins .....	17
J. B. P. Sawyer .....	18
LIST OF REFERENCES .....	19
APPENDIX A - Copies of Assay Certificates, Whitehorse Assay Office Ltd. and Bondar-Clegg & Company Ltd.	
APPENDIX B - Diamond Drill Log, R-2-79 .....	in pocket
APPENDIX C - Assessment Credit Application Documentation a) Statement of Expenditures with back-up documentation b) List of persons employed, dates, rates, etc.	

### List of Illustrations

Figure 1 - General Location Sketch, 1" = 125 miles .....	3
Figure 2 - Claims Sketch, Swift Lake Area, 1" = 3300' .....	5
Figure 3 - Claims, Access Road and Regional Geology, 1:250,000 ...	7
Figure 4 - General Data - Magnetics and Structure, 1:50,000 .....	10
Figure 5 - Drill Log DDH 79-2, 1" = 50' .....	12
Map 1 - Geology Arsenault Claims Copper Prospect, 1" = 500' .....	in pocket

## INTRODUCTION

This report is prepared at the request of Mr. Armand J. Arsenault, President of Rebel Developments Ltd. A previous report by Sawyer Consultants Inc. on the Arsenault Claims Copper Prospect prepared for Rebel Developments Ltd. in June 1977 (amended November 1978) recommended the completion of a 3000 ft. drilling program for 1979. One thousand four hundred sixty feet of the 3000 ft. of BQ wire line drilling were completed in one vertical drill hole designed to cut a copper sulphide rich folded metavolcanic-sediment package. The targets were originally outlined and developed by P.F. Lewis in 1972 while working for Bolivar Mining Corporation, a subsidiary of Cyprus Mines Corporation. Further details regarding the property, history, and regional geology are contained in previous reports by Lewis and Sawyer.

This report describes the work program completed in September/October 1979 and includes written and graphic logs. The conclusions drawn from the results of this work have been related to the previous geological investigations and relevant theory of ore genesis as it pertains to further exploration efforts. Recommendations for further work, with cost estimates, are included.

## SUMMARY

Previous prospecting, mapping, geophysics and drilling on the Top Copper Prospect (Arsenault Copper Claims) have been outlined in earlier reports by J. B. P. Sawyer and P. F. Lewis. The targets that were outlined were partially tested by vertically drilling 1460 ft. of BQ core at grid coordinates 85E/80N (DDH 79-2). Arctic Diamond Drilling Ltd. of Whitehorse were contracted by Rebel Developments Ltd. to complete the job. The program provided proof of the existence of copper (gold) mineralization at depth concentrating in major fold cores (F1) in the melanocratic, actinolitic, chloritic D unit of Lewis.

DDH 79-2 confirms the extension of the copper rich horizon zone 3000 ft. to the south of the West Ridge region. The predicted F1 fold closures within the copper rich sections were also in evidence and chalcopyrite mineralization appears to be richer within the vicinity of these closures. Two distinct horizons were intersected. Both are thought to be repetitions of the same zone that outcrops on surface at the West Ridge. Intersection 845'-855' consisted of banded sulphide rich chlorite, actinolite meta tuff. The section 845'-850' assayed a maximum of 0.75% Cu and 0.01 oz./ton Au. The section 850'-854'/6" assayed a maximum 0.19% Cu and 0.004 oz./ton Au. The second intersection from 1033'-1055' consisted of similar rock type and returned the four maximum assays as follows:

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	Cu %	Au oz. /ton
1033'-1038'	0.33	0.003
1038'-1043'	0.25	0.004
1047'-1050'	0.28	0.002
1050'-1055'	0.31	0.002

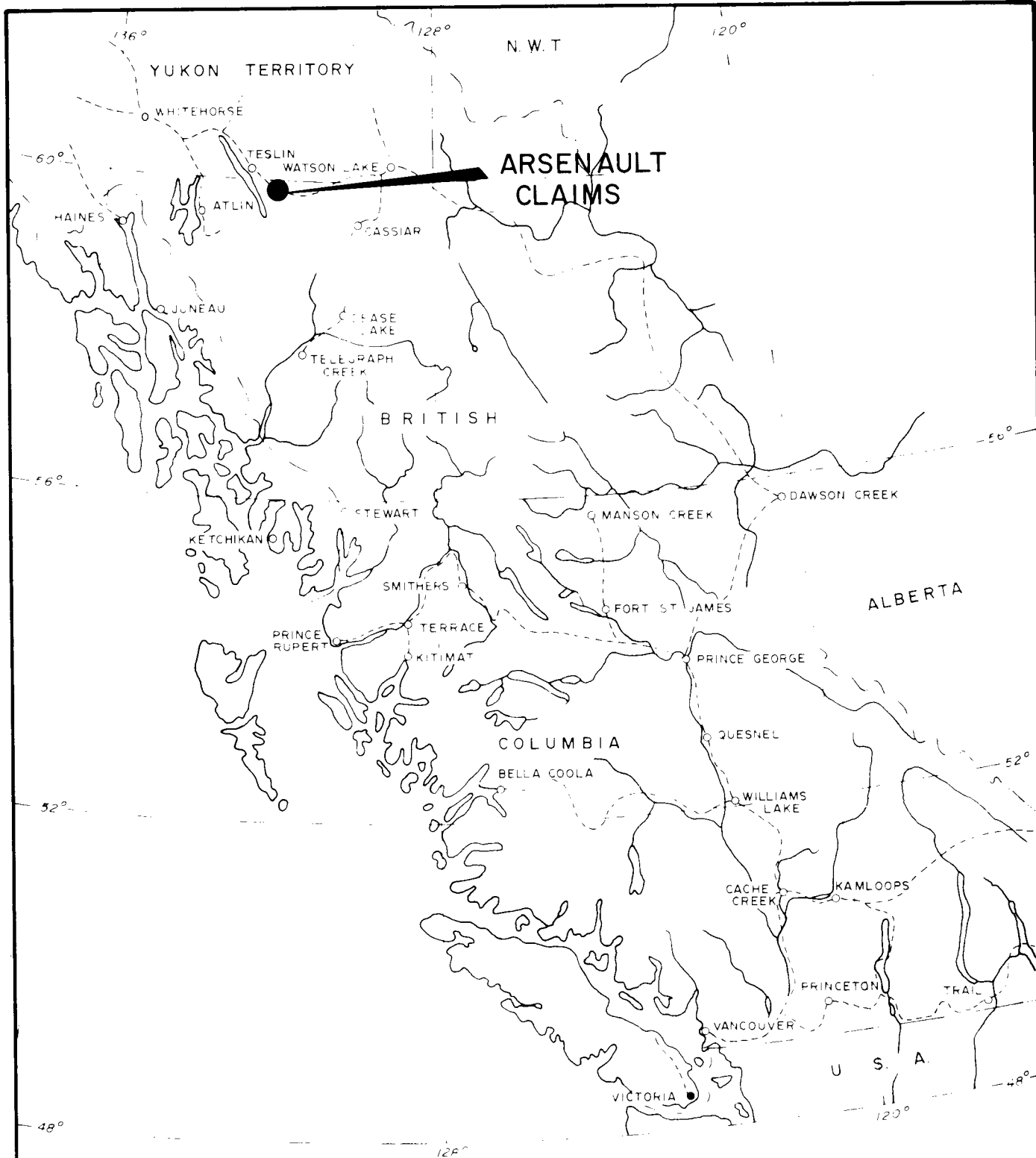
One chlorite carbonate vein shear in a quartz feldspar dyke at 1166'-1168' was run essentially to test gold values with negative results.

Due to the proximity to the Dupont tin discoveries to the north several tin assays were taken both from recent drill cores and from those 1972 cores that are still present at the camp site but no significant values were obtained.

It is proposed that further deep drilling along the fold hinge in the direction of the proposed DDH 79-1 and between DDH 79-2 and the West Ridge be completed in order to help complete the subsurface structural picture and find the highest concentration of copper (gold) mineralization.

Future programs will require numerous deep holes of at least 1200 ft. of BQ wire line drilling at each proposed location. Initially DDH 79-2 should be completed in order to test the northwesterly extension of the D lithology hinge and the continuity of copper values. The projected cost of this hole and an additional 4500 ft. of drilling for 1980 is \$195,800.00.

The camp, equipment, and drill have been winterized and left on site in preparation for this further work.



**REBEL DEVELOPMENTS LTD.**

**ARSENAULT CLAIMS ATLIN M. D.  
BRITISH COLUMBIA**

**GENERAL LOCATION SKETCH**

SCALE: 1" = 125 MILES

PROPERTY AND OWNERSHIP

The property now consists of three claims each comprised of 20 units for a total of 60 units staked by the AGDL Syndicate on the 22nd, 23rd, and 24th of May 1977. They were recorded at the District Recording Office in Atlin on May 31, 1977. Figure 2 shows the configuration of these claims.

Rebel Developments Ltd. acquired the claims from the AGDL Syndicate by purchase, and hold 100% interest in them.

Claim	No. of Units	Tag No.	Record No.	Staked	Recorded	Expiry Date
Arsenault #1	20	19266	213	May 22, 1977	May 31, 1977	May 31, 1980
Arsenault #2	20	19267	214	May 23, 1977	May 31, 1977	May 31, 1980
Arsenault #3	20	19268	215	May 24, 1977	May 31, 1977	May 31, 1980

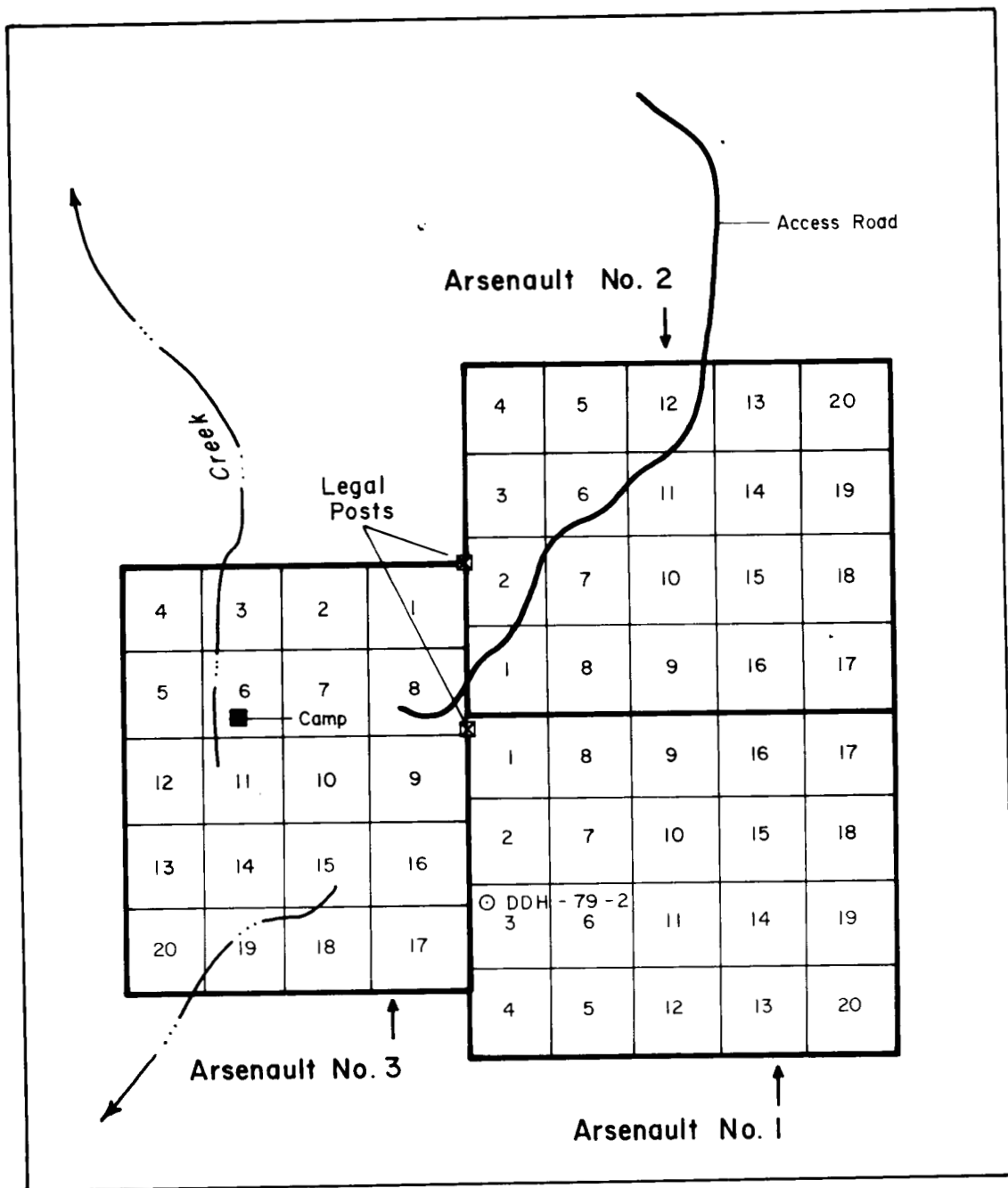
Map Ref. 104/O, Atlin Mining Division.

LOCATION AND ACCESS

The property lies in the northwestern corner of NTS Map Sheet 104/O, Jennings River, approximately at 59°48'N, 131°42'W. The claims lie about 7 miles (11.5 km) south of the Alaska Highway at Mile 753 approximately.

At the present time access to the property is by helicopter, track vehicle or on foot from the Alaska Highway. Helicopter charter service is available in Whitehorse, approximately 165 miles (267 km) to the west by road, and in Watson Lake, which is about 118 miles (191 km) to the east along the highway. Teslin, at Mile 804, is the nearest settlement of any size on the highway and other nearest supply points are at Morley River (Mile 777) to the west, and Rancheria (Mile 710) to the east. In 1971 an access road was made from the south bank of the Swift River, at Mile 753 approximately, into the northern part of the property, for a distance of about 10 miles (16 km). The road was passable only to four-wheel drive or tracked vehicle at the time, and has deteriorated in the seven years since its last use. A bridge crossing the Swift River was made at the time the road was made but this has long since been destroyed and washed away. Replacement of the bridge, or use of a boat would be necessary, particularly in the early part of the season when the water is high and the river extremely fast-flowing, to gain access to the road leading to the property. In late July and August when the water is low it is possible to cross the Swift River near the old bridge crossing with a tractor.

For the purposes of completing the 1979 drilling program a Flextrack Nodwell was used in order to bring supplies and drill equipment to the camp site.



# REBEL DEVELOPMENTS LTD.

## ARSENAULT CLAIMS SKETCH

### SWIFT LAKE AREA

### ATLIN MINING DIVISION, B. C.

SCALE 1" = 1000 Metres

1" = 3300 Feet

Travel time from the camp to the Alaska Highway was approximately 1.5 to 2.0 hours. Helicopter charter was available through Terr-Air at Swift River although this is only temporary due to Dupont's nearby activity.

Figures 1, 2, and 3 of this report give general and specific property locations.

## HISTORY

Prospecting and detailed exploration work in the area date back to the original discovery of the prospect by Wilf McKinnon in the 1940's. Since that time K. J. Springer, Bolivar Exploration Corporation Ltd., and Rebel Developments Ltd. have carried out geological, geophysical, and diamond drilling programs on the prospect and surrounding area. Details of the history and previous work have been outlined by J. B. P. Sawyer of Sawyer Consultants Inc. in a report for Rebel Developments Ltd. (1978).

## GEOLOGY

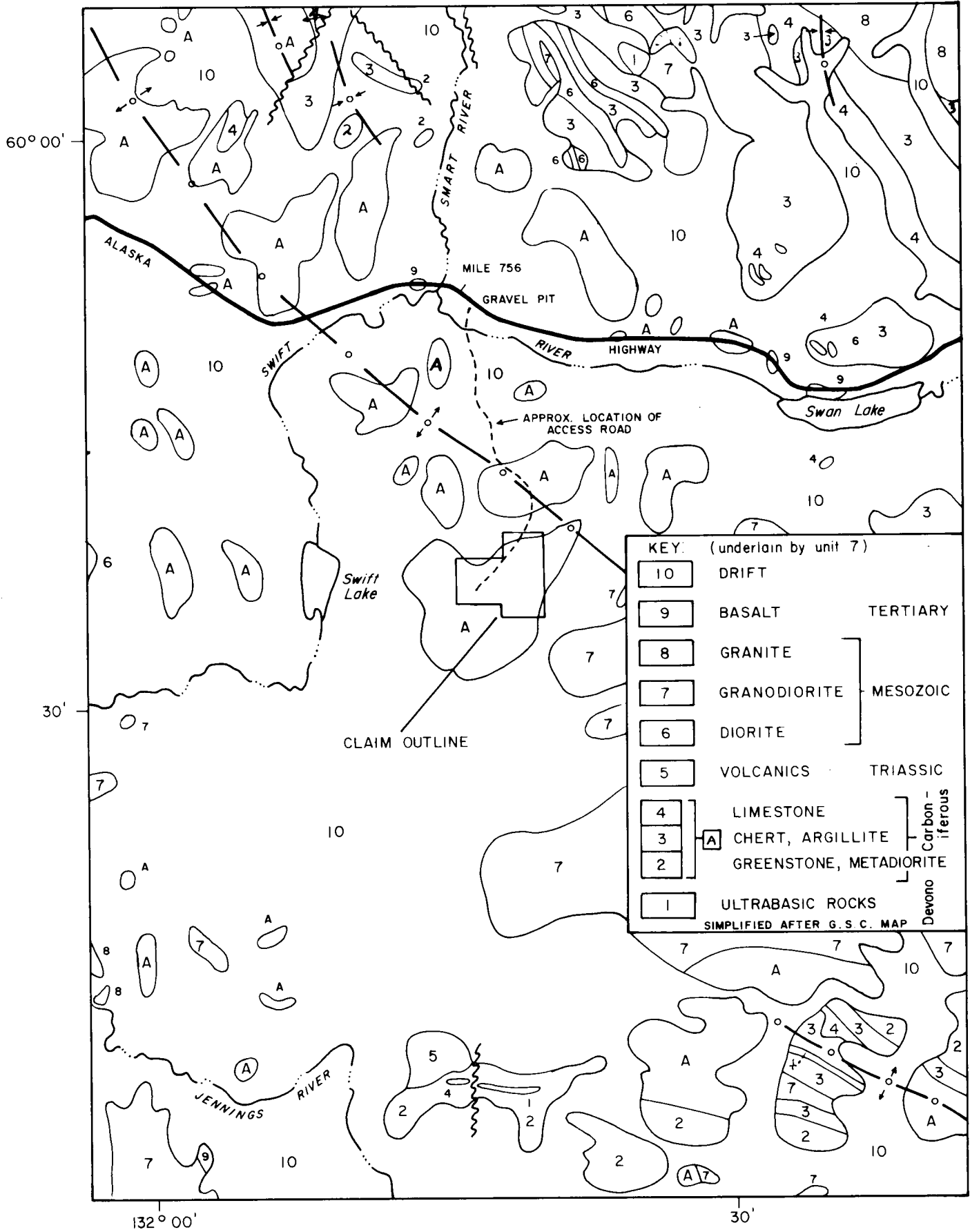
### Regional Geology (from Sawyer, 1978)

The Jennings River map sheet, 104/O, was mapped by H. Gabrielse of the Geological Survey of Canada in the period 1965 to 1967, and the results of this work are shown on Geological Map 18-1968, Jennings River, at a scale of 1:250,000.

The northwestern corner of the Jennings River map sheet, in which the Arsenault claims lie, is shown on Gabrielse's map as being underlain by rocks of the Big Salmon Complex, bounded to the south and southeast mainly by granitic rocks of the Simpson Peak Batholith and to the east by carboniferous sediments and metasediments. The Big Salmon Complex is a mixed assemblage of sediments and metasediments of Carboniferous, probably mainly Mississippian age, which, as Gabrielse points out, are part of a regionally metamorphosed belt of rocks bounded to the west by the Teslin lineament and extending northward into the Teslin and Laberge map areas where it is mapped as Yukon Group of uncertain age. Gabrielse has described the rocks of the Big Salmon Complex on the Jennings River sheet as comprising "quartz-albite-mica gneiss, albite-actinolite schist, quartz-chlorite-epidote-albite gneiss, metachert, limestone, skarn, hornfels and dolomite which are at least in part correlative with the Mississippian volcanic and sedimentary rocks of the Sylvester Group (map unit 7, Jennings River)." To the south of the property this belt of metamorphosed rocks is also continuous to the east of the Teslin lineament as the Oblique Creek Group which is lithologically identical to the Big Salmon Complex except that the grade of metamorphism is generally lower and the age of the metamorphism probably younger.

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REBEL DEVELOPMENTS LTD.  
 ARSENAULT CLAIMS COPPER PROSPECT  
 JENNINGS RIVER AREA, B. C.  
 CLAIMS, ACCESS ROAD AND REGIONAL GEOLOGY  
 SCALE 1: 250,000

Further south this belt can also be traced into the Cry Lake map area. Lewis has summarized the following features as being common to the above rock groups.

- "1. They are, where stratigraphic control has been found, dated as Carboniferous.
2. They have suffered an early Mesozoic metamorphism.
3. They have been affected by at least two major phases of deformation, broadly synchronous with metamorphism.
4. They are intruded by middle to late Mesozoic acidic plutons.
5. The succession is typical of deposition in an oceanic environment, onto igneous oceanic basement, as is characterized by the succession in all the above groups as follows:

Limestones  
Cherts, argillites and metamorphic derivatives  
Greenstones  
Metadiorites  
Peridotites."

It is of some interest probably to note here that one of the largest and oldest copper mines in Japan, the Besshi Mine, which has been in operation since the year 1690, and up to the early 1960's, had an ore production in the neighbourhood of 30 million tons, is in a geological setting which has many similarities of rock type, metamorphism, and structure with the rocks in the northwestern corner of the Jennings River map sheet. The ore deposits of the Besshi Mine, which are essentially a massive cupriferous pyrite ore consisting of minute grains of pyrite firmly cemented by chalcopyrite, and an intercalated banded ore consisting of magnetite-chlorite-quartz schist interbedded with layers of pyrite and chalcopyrite, are part of the Sambegawa System which consists essentially of graphitic schists, chlorite-amphibole schist, and thin layers of sericite piedmontite-quartz schist. The ore deposit has a strike length of more than 1000 metres, extends over 2500 metres down dip, and is up to 8 metres thick. The orebody plunges to the southeast in a direction coincident with the plunge of lineation in the country rocks. From descriptions of the literature and observations in the Jennings River area many of the similarities of rock type and associated sulphide mineralization are quite striking, even down to the occurrence of piedmontite schists flanking the mineralized zones. This similarity lends weight to the contention that the geological environment which occurs in the area of the present Rebel Developments Ltd. property has considerable potential for development of ore deposits of major dimensions.

Local and Drill Hole Geology *Core is on the property*

DDH 79-2 was drilled in what, at surface, is suggested as unit AB (Lewis) as quartzite and garnet mica schist, which overlies and is part of the southwestern limits of an anticlinorium of metamorphosed oceanic sediments, and volcanics of Carboniferous age. The western boundary of the claim group approximates the contact with a Mesozoic granodiorite mass of the Simpson Peak Batholith. The hole was drilled adjacent to the fault contact between the 1 and 3 structural domains within domain 3 (see Figure 4).

The volcanic sediment pile has a gentle southwesterly plunge within which there are numerous F1 and F2 fold hinges and potential sulphide targets. There is also a prevalent quartz feldspar porphyry dyke system that strikes approximately north-south and at the drill hole is portrayed in subsurface as a dyke swarm. A major north-south trending fault has also been interpreted from air photo and magnetometer work (Lewis). Both of these features appear to have been important in the emplacement of strong local silicification in the vicinity of DDH 79-2. The silica overprint has destroyed much of the classic rock type characteristics that have previously been utilized by Lewis in distinguishing units.

The hole was collared in the centre of a broad valley that is filled with more than 200 ft. of angular rubble and clay. Resistivity values from Walcott's induced polarization survey indicate a resistivity low into the second dipole separation. It is expected that this overburden deepens to the north and DDH 79-2 was drilled on the southern edge of a deeper rubble filled valley. The deviation of the drilled hole is interpreted as having been probably caused by a deflection along this lip to the north.

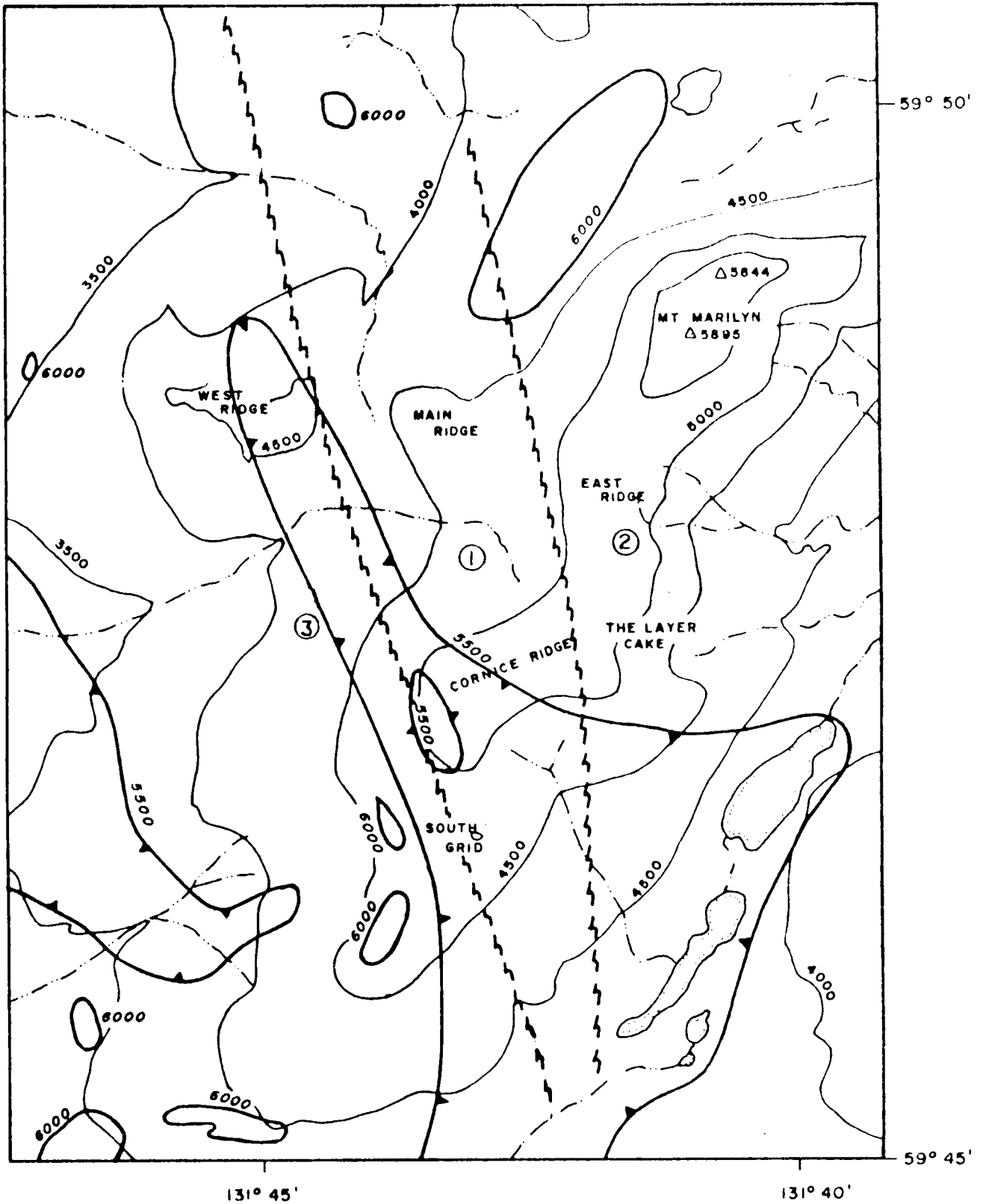
Three basic bedrock units were encountered. Southwesterly dipping AB and B lithologies overlie and underlie the greenstone D units within which are the massive sulphide intersections. Unit R, the quartz feldspar porphyry, is represented in one to ten foot dykes throughout the sequence. These units are described by Lewis as follows:

Unit AB - Interbanded muscovite schists, with biotite and garnet porphyroblasts (Unit A), and quartzites. Banding may be on the scale of inches, and the rock resembles a metamorphosed ribbon-chert argillite sequence, or on the scale of tens of feet. The quartzites are commonly rusty weathering after pyrite and/or pyrrhotite.

Unit B - Quartzite, often white, and massive, but more usually with a good muscovite parting. Pure quartzites seem to overlie Units AB and M (meta intrusives and volcanics) and thus the latter units may be diachronous. Trace quantities of manganese epidote? give the quartzites a pink? tinge, and are associated with thin layers of oxide and manganese garnet.

Unit D - Actinolite bearing rocks of very variable habit including actinolite quartzites and banded leucocratic gneisses, actinolite - chlorite schists,

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ARSENAULT CLAIMS AREA - JENNINGS RIVER MAP SHEET, B. C.

GENERAL DATA

Scale: 1:50,000

Total Magnetic Intensity Contours, approx. 5500, & 6500 gammas

Major Faults

Structural Domains ①, ②, ③

Figure 4

actinolite - epidote skarns (including garnet - epidote - quartz skarns) and melanocratic actinolitic gneisses. Unit Dc distinguishes the leocratic varieties from the rest where differentiated. This unit appears to be the initially copper rich horizon and is thought to be a metavolcanic, probably initially a tuff. Sub unit Dm has been added in this report to distinguish the mineralized mafic horizon.

Unit R - Quartz feldspar porphyry, always altered but probably originally rhyodacite in composition. A very continuous northeast trending dyke from one to fifty(?) feet wide passes through the Main Ridge and can be correlated with the molybdenum soil survey anomalies (copper values do not show this correlation). Varieties of this unit have a medium grained matrix and could be termed porphyritic microgranite. One occurrence shows a strongly crenulated schistosity and is pre-tectonic.

There are two deformation stages in the stratigraphic section that have contributed to the folded sulphide zones. The F1 folds are broad, flat-lying, fairly tightly packed with a wave length of 500'-1000' and an amplitude of 3000'-4000'. There are numerous other F2 folds within this larger system that have 20'-50' wave lengths and amplitudes of 50'-100'. The F1 deformation was thought to be the major tectonic feature that is responsible for concentration of copper sulphides in the hinge line. F2 closures in DDH 79-2 provide excellent evidence of chalcopyrite mineralization concentration in the D horizon near the F1 hinge. The southwesterly limit of this broad fold was drilled by DDH 79-2 as the irregular hinge is indicated as probably being between 650' and 1100'.

Within the larger synform two mineralized zones of bedded pyrite, chalcopyrite, and pyrrhotite were intersected. Both are thought to be the same mafic D horizon and are clear evidence of F2 fold closures. Other mafic D horizon intersections that were not folded were rich in pyrrhotite and pyrite but lacking in chalcopyrite, i. e. 1200', 970'. Well mineralized sections included (see Figure 5):

		Cu %	Au oz. /ton	Ag oz. /ton	Ni %	Sn %	Zn %
845'-850'	5'	0.75 (0.69)	Tr (0.010)	0.12	Tr	Tr	<0.01
850'-854.5'	4.5'	0.19 (0.16)	Tr (0.004)	0.04	0.01	Tr	<0.01

The second mineralized zone from 1033'-1055' is massive sulphides but for 4 ft. from 1043'-1047' of poorly mineralized quartz feldspar porphyry dyke. Four samples of this Dm zone ran as follows:

0 90°

DDH R - 2 - 79

N

LITHOLOGY

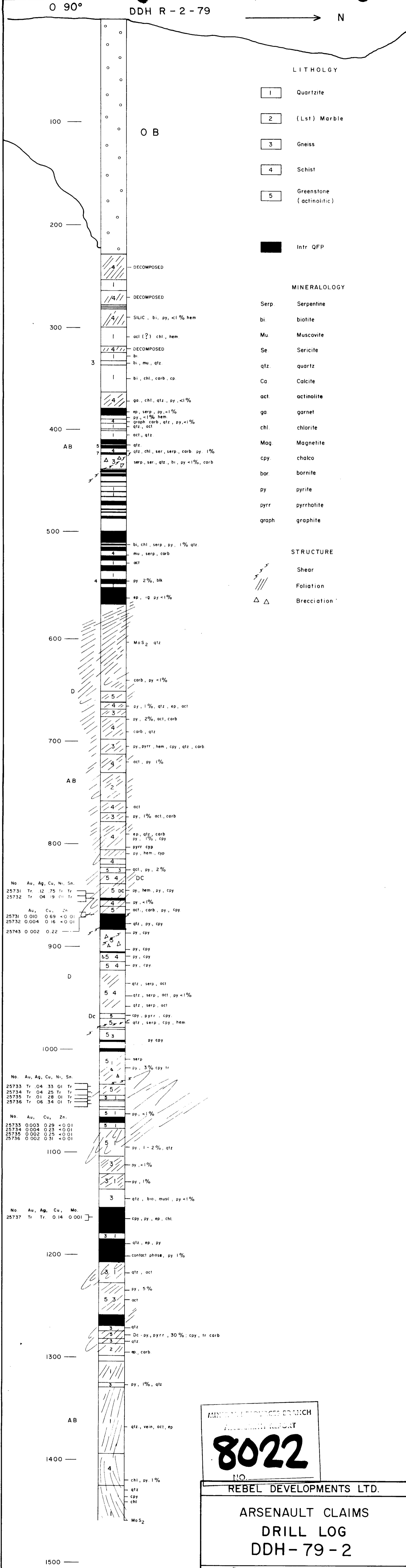
- 1 Quartzite
- 2 (Lst) Marble
- 3 Gneiss
- 4 Schist
- 5 Greenstone (actinolitic)
- Intr QFP

MINERALOGY

- Serp Serpentine
- bi biotite
- Mu Muscovite
- Se Sericite
- qtz quartz
- Ca Calcite
- act actinolite
- ga garnet
- chl chlorite
- Mag Magnetite
- cpy chalco
- bor bornite
- py pyrite
- pyrr pyrrhotite
- graph graphite

STRUCTURE

- Shear
- Foliation
- Brecciation



No.	Au	Ag	Cu	Ni	Sn
25731	Tr	.12	.75	Tr	Tr
25732	Tr	.04	.19	Tr	Tr

No.	Au	Cu	Zn
25731	0.010	0.69	<0.01
25732	0.004	0.16	<0.01

No.	Au	Ag	Cu	Ni	Sn
25733	Tr	.04	.33	Tr	Tr
25734	Tr	.04	.25	Tr	Tr
25735	Tr	.01	.28	Tr	Tr
25736	Tr	.06	.34	Tr	Tr

No.	Au	Cu	Zn
25733	0.003	0.29	<0.01
25734	0.004	0.23	<0.01
25735	0.002	0.25	<0.01
25736	0.002	0.31	<0.01

No.	Au	Ag	Cu	Mo
25737	Tr	Tr	0.14	0.001

MINERAL RESOURCES BRANCH  
 FIELD REPORT  
**8022**  
 NO.

REBEL DEVELOPMENTS LTD.  
 ARSENAULT CLAIMS  
 DRILL LOG  
 DDH-79-2

		Cu %	Au oz. /ton	Ag oz. /ton	Ni %	Sn %	Zn %
1033'-1038'	5'	0.33 (0.29)	Tr (0.003)	0.04	0.01	Tr	<0.01
1039'-1043'	4'	0.25 (0.23)	Tr (0.004)	0.04	Tr	Tr	<0.01
1047'-1050'	3'	0.28 (0.25)	Tr (0.002)	0.01	0.01	Tr	<0.01
1050'-1055'	5'	0.34 (0.31)	Tr (0.002)	0.06	0.01	Tr	<0.01

Note: Values in brackets are re-runs.

These intersections provide the best mineralization in DDH 79-2 and proof of the existence and concentration of copper sulphides in the fold hinges.

Other types of copper mineralization encountered by Lewis include:

(a) Finely disseminated in association with pyrite and pyrrhotite in mafic varieties of Unit D, the actinolite - epidote gneiss, especially where hybridized with stratigraphically overlying limy rocks.

(b) As coarser disseminations in andradite - epidote - actinolite - calcite - quartz skarns where mafic dykes cut the Unit D - Unit F contact.

(c) As blebs in vein quartz, which may be pre-metamorphic and pre-deformation, or a later post-tectonic remobilization of copper into tensional fissures.

(d) As dispersed fine disseminations in leucocratic actinolite gneiss, quartzites, and calcareous mica schists, probably due to metamorphic re-distribution.

Type (a) is expressed in the Dm units cut by 79-2 but chalcopyrite has been tectonically remobilized into the bands parallel to schistosity. Additional remobilization has occurred into fractures within Dm as well as the quartz feldspar porphyry dykes, and other units.

Blebs of chalcopyrite were also in evidence in coarse inclusions in quartz carbonate actinolite veins and skarn assemblages. Very minor type (d) disseminations were also encountered. Only type (a) mineralization provides economic and geologic potential to date.

A near vertical vein-shear zone in the quartz feldspar porphyry dyke from 1166'-1168' was run basically for precious metals and returned 0.14% Cu, Trace Au and Ag, and 0.001% Mo.

A mineralized section of quartz porphyroblastic gneiss with remobilized vein and disseminated sulphides adjacent to the massive Dm zone was assayed; 866'-871' ran 0.22% Cu and 0.002 oz. /ton Au.

### CONCLUSIONS

The 1979 drilling program on the Arsenault claims provided substantial evidence proving the existence of broadly folded metasediments and volcanics with mineralized horizons of low grade copper and anomalous gold values. The possible occurrences of tin similar to neighbouring deposits in similar rock type was proven not to exist in the sulphide rich zones of the stratigraphic section.

The southwesterly extent of a large, flat-lying, slightly overturned, fold was intersected by DDH 79-2. Within the intersection a number of types of sulphides were cut ranging from massive banded sulphides to vein and shear zone concentrations, and disseminated chalcopyrite in schists. The massive sulphides provide good evidence for future economic potential. Due to lack of funds the proposed DDH 79-1 northwest of 79-2 was not drilled. From the results in DDH 79-2 it can be expected that the geophysical and geological interpretations from 1971 and 1972 are logical and correct and that further intersections of cupriferous massive sulphides can be found in DDH 79-1 and in the area between DDH 79-2 and DDH 79-1.

Unexpected overburden problems encountered in DDH 79-2 can be expected to be greater up to 800 ft. north of DDH 79-2. However, these problems can be anticipated and appropriate equipment can be made available at the drill site.

These overburden problems are not expected to be encountered in DDH 79-1 and drilling of this hole will give an indication of the hinge strike length of mineralization. The nature and size of an economic body of this type of mineralization will be difficult to locate especially at depths of 1000 ft. The structural deformation that is evident in both 1979 and previous work suggests that targets will not be obvious from surface work but will require careful interpretation of structure and chemistry of this stratigraphic section.

There is good potential for the discovery of a copper (gold) massive sulphide body on the Arsenault claim group. Further work will require deep diamond drill holes into the hinge line of the folded, mineralized Dm zone.

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## RECOMMENDATIONS

(1) Funds and planning should be made available for further drilling along the mineralized trend. Cost estimates are provided for three additional holes of 1500 ft. each between DDH 79-1 and DDH 79-2.

(2) Drilling of DDH 79-1 is the prime recommendation for a 1980 program.

(3) Further drilling on the property will be required completely to define this type of massive sulphide target at depth. The number and depth of holes necessary will require considerable expenditure although some advantage is to be gained by the presence of the camp and drill equipment on site. Because of the large expenditure required it is recommended that Rebel Developments Ltd. should negotiate a farm-out or joint venture arrangement with other groups or investors.

(4) The exact location of these holes will be dependent upon the results of DDH 79-1.

## ESTIMATED COSTS (for completion of DDH 79-1)

Set up camp - 2 days	\$ 300.00	
Groceries and supplies - 130 man days @ \$15.00	1,950.00	
Transportation		
Nodwell - 40 hours @ \$60.00	2,400.00	
Helicopter - 10 hours @ \$345.00	3,450.00	
Diamond Drilling - DDH 79-1 - 1500' @ \$22.00	33,000.00	
Assaying	250.00	
Supervision, consulting - 22 days @ \$250.00	5,500.00	
Engineering, report and data preparation, assessment filing	2,000.00	
Contingency @ 10%	<u>5,000.00</u>	
	<u>\$53,850.00</u>	
	carried forward	\$ 53,850.00

**SAWYER CONSULTANTS INC.**

brought forward

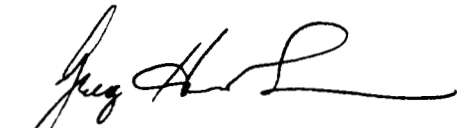
\$ 53,850.00

ESTIMATED COSTS  
(additional 4500 ft. drilling)

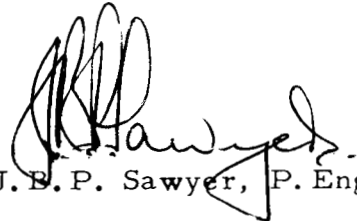
Groceries and supplies - 360 man days @ \$15.00	\$ 5,400.00	
Transportation		
Nodwell - 50 hours @ \$60.00	3,000.00	
Helicopter - 10 hours @ \$345.00	3,450.00	
Diamond Drilling - 4500' @ \$22.00	99,000.00	
Assaying	1,000.00	
Supervision, consulting - 60 days @ \$250.00	15,000.00	
Engineering report and data preparation, assessment filing (excluding DDH 79-1)	2,000.00	
Contingency	<u>13,100.00</u>	
	<u>\$141,950.00</u>	
		<u>141,950.00</u>
Total Estimated Costs		<u>\$195,800.00</u>

Respectfully submitted,

SAWYER CONSULTANTS INC.



F. E. Gregory Hawkins



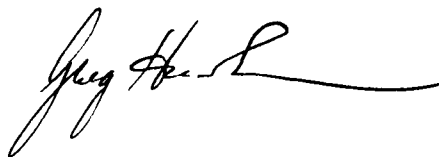
J. B. P. Sawyer, P. Eng.

SAWYER CONSULTANTS INC.

CERTIFICATE

I, T. E. Gregory Hawkins, do hereby certify:

- (1) That I am a consulting geologist with business office at 1 - 425 Howe Street, Vancouver, B. C., V6C 2A9.
- (2) That I am a graduate in geology of The University of Alberta, Edmonton (B. Sc. 1973), and of McGill University, Montreal (M. Sc. 1979).
- (3) That I have practised within the geological profession for the past eleven years.
- (4) That the information, opinions and recommendations in the attached report are based on personal observations on the Arsenault Claims in September and October 1979, and from general reference material.
- (5) That I own no interest in the shares or securities of Rebel Developments Ltd., nor in the Arsenault Claims, nor do I expect to receive any such interest.



T. E. Gregory Hawkins

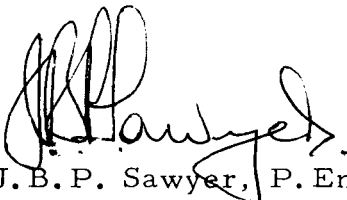
Dated at Vancouver, British Columbia, this 26th day of November, 1979.

**SAWYER CONSULTANTS INC.**

CERTIFICATE

I, J. B. P. Sawyer, DO HEREBY CERTIFY:

- (1) That I am a consulting geologist with business office at 1 - 425 Howe Street, Vancouver, B. C. , V6C 2A9, and President of Sawyer Consultants Ltd.
- (2) That I am a graduate in geology of Manchester University (B.Sc. - 1953) and of the University of Western Ontario (M.Sc. - 1957).
- (3) That I am a Registered Professional Engineer (geological) in the Association of Professional Engineers of the Province of British Columbia, and a Registered Chartered Engineer with the Council of Engineering Professionals, London.
- (4) That I am a Fellow of the Geological Association of Canada, a Member of the Canadian Institute of Mining & Metallurgy, a Fellow of the Geological Society of London, and Fellow of the Institution of Mining & Metallurgy, London.
- (5) That I have practised my profession as a geologist for the past twenty-six years.
- (6) That I have knowledge of the Arsenault property from supervising work on the area of the present Arsenault claims in 1966 and 1967, for Bolivar Mining Corporation Ltd. in the period 1970-'73, and on personal visits on the property and from drill core in 1979.
- (7) That I own no interest in the Arsenault 1-3 claims nor in the shares or securities of Rebel Developments Ltd. , nor do I expect to receive any such interest.

  
J. B. P. Sawyer, P. Eng.

Dated at Vancouver, British Columbia, this 26th day of November, 1979.

**SAWYER CONSULTANTS INC.**

LIST OF REFERENCES

- Lewis, P.F. (1971): Summary Report on Exploration Activities, 1971, Internal Report for Bolivar Mining Corp. Ltd.
- Sawyer, J.B.P. (1978): Report on the Arsenault Claims Copper Prospect, Jennings River Area, Atlin Mining Division, B.C.
- Walcott, P.E. (1970) (1972): A Geophysical Report of Magnetic and IP Surveys on the Top Claim Group, Internal Report for Bolivar Mining Corp. Ltd.

**SAWYER CONSULTANTS INC.**

APPENDIX A

Copies of Assay Certificates

**SAWYER CONSULTANTS INC.**

DATE. OCTOBER 9<sup>th</sup>, 1979

FILE NO. 617-6

# ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE LTD.  
 BOX 4518 WHITEHORSE Y. T.  
 PHONE 667 2694 Y1A 2R8

SAMPLE RECEIVED FROM

REBEL DEVELOPMENT

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz. Per Ton	COPPER %	NICKEL %	TIN %			
25731	TR	.12	.75	TR	TR			
25732	TR	.04	.19	.01	TR			
25733	TR	.04	.33	.01	TR			
25734	TR	.04	.25	TR	TR			
25735	TR	.01	.28	.01	TR			
25736	TR	.06	.34	.01	TR			

ASSAYER. *G. Spalding* GEO. SPALDING

DATE. OCTOBER 15, 1979

FILE NO. 624-1

# ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE LTD.  
BOX 4518 WHITEHORSE Y. T.  
PHONE 667 2694 Y1A 2R8

SAMPLE RECEIVED FROM

REBEL DEVELOPMENT ( MR. A. ARSENAULT )

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz. Per Ton	COPPER %	TOTAL Mo % Mo				
25737	TR	TR	.14	.001				

ASSAYER. *A. Haylora for* GEO. SPALDING



To: Saer Consultants, Inc.

REPORT NO. A - 1313

PAGE No. 1

**BONDAR-CLEGG & COMPANY LTD.**

DATE: October 23, 1979

#1 - 425 Howe Street  
Vancouver, B.C. V6C 2A9

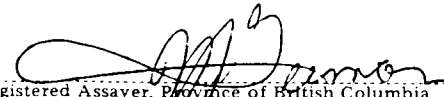
Samples submitted: October 16, 1979  
Results completed: October 23, 1979

**CERTIFICATE OF ASSAY**

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

MARKED	GOLD		SILVER		Cu	Zn						
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
25731	0.010				0.69	<0.01						
25732	0.004				0.16	<0.01						
25733	0.003				0.29	<0.01						
25734	0.004				0.23	<0.01						
25735	0.002				0.25	<0.01						
25736	0.002				0.31	<0.01						

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

  
Registered Assayer, Province of British Columbia

APPENDIX A - (iii)

To: Sher Consultants, Inc.

REPORT NO. 9 - 1529

PAGE No. 1

BONDAR-CLEGG & COMPANY LTD.

DATE: November 23, 1979

#1 - 425 Howe Street  
Vancouver, B.C.  
V6C 2A9


Samples submitted: November 19, 1979  
Results completed: November 23, 1979

### CERTIFICATE OF ASSAY

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

MARKED	GOLD		SILVER		Cu						
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
25743	0.002				0.22						

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

  
Registered Assayer, Province of British Columbia

APPENDIX A - (iv)

APPENDIX C

Assessment Credit Application Documentation

- a) Statement of Expenditures with back-up documentation.
- b) List of persons employed, dates, rates, etc.

STATEMENT OF COSTS

The following expenditures were made by Rebel Developments Ltd. in connection with the diamond drilling program carried out on the Arsenault 1 to 3 claims, Atlin Mining Division, British Columbia, in the period June 1st, 1979 to November 30th, 1979. The amounts reported here do not represent the total expenditures made in connection with this work.

1. Diamond Drilling of 1460 feet (445 m) of BQ core in one vertical hole, including cost of mobilization. Arctic Diamond Drilling Ltd. Contract per invoices 2090, 2092		\$42,684.00
2. Consulting, Engineering & Supervision of drilling program. Logging of drill core, preparation of sections, plans and report. Sawyer Consultants Inc. Invoices of Sept. 5th, 1979 Oct. 2nd, 1979 Nov. 2nd, 1979 - \$3,854.40 less \$313.89 not applicable Nov. 30th, 1979	\$ 694.00 5,000.00 3,540.51 <u>1,189.49</u>	10,424.00
	\$10,424.00	
3. Additional Field Personnel (see list of personnel for dates and rates). J. Sheldon R. Smarch	\$ 790.00 <u>400.00</u>	1,190.00
	\$1,190.00	
4. Assaying (not included in Sawyer Consultants invoices). Bondar-Clegg & Co. Ltd. Invoice C8409 Invoice C4814 Invoice C4941 Invoice C4223	\$ 25.00 67.50 31.00 <u>67.50</u>	191.00
	\$191.00	
5. Helicopter Charter. TNTA re mobilization, road access, etc. Flight record #37977 Transwest Helicopters	\$1,883.20 <u>649.00</u>	2,532.20
	\$2,532.20	
		<u>2,532.20</u>
	Carried Forward	\$57,021.20

SAWYER CONSULTANTS INC.

	Brought Forward	\$57,021.20
6.	Equipment, Supplies, Vehicle rental, Miscellaneous.	
	(Note: The amounts listed here are only a part of total costs incurred re this project, under this heading.)	
	a) Builders Supplyland - lumber, etc., camp equipment	\$1,454.36
	b) Northern Safety Ltd. - pump	103.00
	c) Yukon U-Cart System	
	Aug. 29/79 - Truck rental and supplies	1,504.41
	Sept. 3/79 - Truck rental	257.14
	Sept. 13/79 - Equipment rental, etc.	695.24
	Oct. 9/79 - Radio-phone, and truck rental	187.25
	Nov. 5/79 - Telephone and radio telephone charges	298.70
		<u>\$4,500.00</u>
		<u>4,500.00</u>
	TOTAL	\$61,521.20

Of the above total costs approximately \$7,305.00 were spent in connection with upgrading access road and move-in, etc. on Arsenault No. 2 claim to facilitate movement of the drill to the drill site.

The allocation of costs made is arbitrary but is roughly correct, the figure being arrived at as follows:

60% of \$5,770.00 - item re mobilization and moving in Arctic Diamond Drilling Ltd. invoice #2090	\$3,462.00
J. B. P. Sawyer - 2 days (Aug. 24 & 25, 1979) @ \$250.00/day	500.00
T. G. Hawkins - 4 days in period Sept. 6 to Sept. 11, 1979 @ \$200.00/day	800.00
J. Sheldon - 6 days @ \$60.00/day	360.00
R. Smarch - 6 days @ \$50.00/day	300.00
Trans North Turbo Air - helicopter charter bill	<u>1,883.20</u>
TOTAL	\$7,305.20

LIST OF PERSONNEL

The following persons were employed in connection with the drilling program on the Arsenault claims of Rebel Developments Ltd. in the period June 1st, 1979 to November 30th, 1979.

Arctic Diamond Drilling Ltd. - contract crew of four men from Sept. 11 to Oct. 6, 1979. Names of individuals not available. Rates paid were part of contract price per foot.

## Sawyer Consultants Inc.

J. B. P. Sawyer, P. Eng.		
Aug. 22-27, 1979 - 5 days @ \$250.00/day		\$1,250.00
T. E. G. Hawkins, M. Sc.		
Sept. 6-30, 1979 - 25 days @ \$200.00/day		\$5,000.00
Oct. 1-11, 1979 - 9.5 days @ \$200.00/day		\$1,900.00
Office re report preparation, data compilation, etc.		
J. B. P. Sawyer, P. Eng.		
Oct. 15 to Nov. 30, 1979 - 3 hours @ \$45.00/hr.		\$135.00
T. E. G. Hawkins, M. Sc.		
Oct. 15 to Nov. 30, 1979 - 3.5 days @ \$200.00/day		\$700.00

## Rebel Developments Ltd.

Jeff Sheldon		
Aug. 22-31, 1979 - 9 days @ \$60.00/day		\$540.00
Sept. 1-4, 1979 - 4 days @ \$60.00/day		\$240.00
Ralph Smarch		
Aug. 22-30, 1979 - 8 days @ \$50.00/day		\$400.00
A. J. Arsenault		
At least 10 days total time in period Aug. 22, 1979 to Oct. 6, 1979 - no time claimed for assessment purposes.		

SAWYER CONSULTANTS INC.

# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE # 2090

October 12, 1979

IN ACCOUNT WITH:

Rebel Developements Ltd.,  
 #3 - 425 Howe Street  
 Vancouver, B.C.

Drilling charges re: Smart River Project.

Mobilization:

Re: clause 15 of Contract 1/2x2500 1250.00

Moving

Moving in & setting up.

200 Man hours @ \$18.00 per hour 3600.00

23 Machine hours @ \$40.00 per hour 920.00

5770.00

Hole # R2-79-90 "xBQ

Overburden

0-50=50ft @ \$19.25 per ft. 962.50

50-186=136ft @ Field Cost:--

180 Man hours @ \$18.00 per hr. 3240.00

90 Machine hrs @ 10.00 per hr 900.00

Materials Consumed

2 BW Casing Shoes@ 198.00 396.00

2 NW Casing Shoes@ 269.00 538.00

2 Impregnate Core Bits @ 519.05 1038.10

1 Stone Core Bit @ 485.84

1 BQ SHELL 290.25

Plus 10% of Materials 274.82 7163.01 8125.51

Core Drilling

186-1000 = 814 ft @ 19.25 per ft. 15669.50

1000-1500= 500 ft @ 20.25 per ft. 10125.00 25794.50

Reaming through Cave

8 Man hours @ 18.00 per hr. 144.00

4 Machine hrs @ 10.00 per hr. 40.00 184.00

Testing

8 Man hours @ 18.00 per hr 144.00

4 Machine hrs @ 10.00 per hr 40.00 184.00

Use of Camp Facilities

24 Man days @ \$20.00 per day 480.00

Standby Rental - Nodwell

24/30 x 1000.00 as per clause 16 of Contract 800.00 35568.01

c/fwd.....41338.01



# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

B/Fwd.....41338.01

## Demobilization

Re clause 15 of contract. This charge will be made when Drill is Demobilized.

### Hauling out Nodwell

163 Miles @ 2.75 per mile 448.25

### Winterizing & Moving Out

86 Man hours @ 18.00 per hour 1548.00

4 Machine hrs @ 40.00 per hour 160.00

2156.25

43494.26





	N										64NW
18	D		18	9							95BW
19	D		21	12							82NW
	N		21	12						163	84NW 124BW
20	D		17	8 <del>6</del>		7	3 <del>2</del>			186	180BW
	N		14	7		10	5			186 - 246	186BW
21	D		2	1		22	11				314
	N										403
22	D										478
	N										528
23	D										568
	N										580
24	D							2	1		
	N										
25	D										
	N										
26	D										617
	N										702
27	D										84NW 186BW
	N									0-186	702
	N		80	83	13	69		42	21		526
	N							2	1		

8





# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

Invoice 2092  
Nov. 13, 1979

IN ACCOUNT WITH:

Rebel Developments Ltd.  
#3 -425 Howe Street  
Vancouver, B.C.

Drilling charges re: Smart River Project.

Overcharge on Footage Drilled  
Charged for:

1000 -1500 = 500 ft @ \$20.25 per foot 10125.00

Should be:

1000 -1460 = 460 feet @ 20.25 per foot 9315.00

CREDIT

810.00



**SAWYER CONSULTANTS INC.**

September 5th, 1979

Rebel Developments Ltd.,  
#3, 425 Howe Street,  
Vancouver, B.C. V6C 2A9

in account with Sawyer Consultants Inc.

---

To Disbursements re Arsenault Claims work

J. B. P. Sawyer - August 22-27, 1979, and  
T. Greg Hawkins air fare Vancouver-Whitehorse.

J. B. P. Sawyer Expenses Aug. 22-27, 1979 \$369.60

Air fare Vancouver/Whitehorse, T.G. Hawkins 262.00

\$631.60

10% on Disbursements 63.16

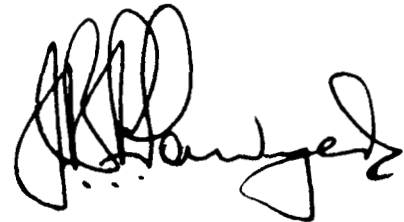
TOTAL \$ 694.76

*Paid By.  
#340*

*J. B. Sawyer*

Statement of Expenses paid by J. B. P. Sawyer for  
Sawyer Consultants Inc. for work re drilling program  
at Arsenault Claims for Rebel Developments Ltd.  
August 22-27, 1979.

21/8/79	CP Air - air fare Vancouver-Whitehorse return (SCI #0784)	\$262.00
22/8/79	Dept. Indian & Northern Affairs, Whse. claim map	1.00
22/8/79	Canada Map Office - topo maps	1.50
23/8/79	Breakfast, Whse.	3.95
23/8/79	Lunch, Whse.	3.25
24/8/79	Breakfast, Whse.	3.45
24/8/79	Capital Hotel	44.00
27/8/79	Breakfast, Whse.	3.05
27/8/79	Capital Hotel	22.00
27/8/79	Coffee Shop	2.10
27/8/79	Parking, Vancouver airport	18.00
22-27/8/79	Miscellaneous, gratuities, etc.	<u>5.30</u>
	TOTAL	<u>\$369.60</u>



21 AUG 79		TO: SM	
From / De	Y	PC CP	DIS 11-11-79
To: A	Y	PC CP	DIS 11-11-79
To: A			
CA 2540			
CA 1000			

Indian and Northern Affairs / Affaires indiennes et du Nord  
**GENERAL RECEIPT / RÉCÉPISSÉ GÉNÉRAL**

BA-Copper  
 G 97041

Date: 22-8-79 Nature and No. of Remittance - Forme et n° de la remise: CASH Invoice No. - Facture n°: SMK Whitehorse  
 Received the Sum of - Reçu la somme de: ONE / 100 DOLLARS \$ 1.00  
 From - De: PAUL SAWYER For - Pour: 1 REAR SHEET  
 Authorized Officer - Fonctionnaire autorisé: [Signature]

CANADA MAP OFFICE  
 200 RANGE ROAD  
 WHITEHORSE, YUKON  
 General Receipt

Rebel Dev.  
 RECEIPT  
 No 3732

Date: Aug 22/79 NATURE AND NUMBER OF REMITTANCE: CASH INVOICE NO.: one LOCATION: Whitehorse  
 RECEIVED THE SUM OF: 59 100 DOLLARS \$ 1.50  
 FROM: CASH FOR: Topo Maps  
 AUTHORIZED OFFICER: [Signature]

Date Aug 21 1979

Received from

M \_\_\_\_\_  
 The Sum of Three  
95 DOLLARS

ITEMS		AMOUNT	
ROOM	DAYS		
MEALS		3	95
CELLAR DINING			
PHONE CALLS			
LAUNDRY			
VALET SERVICE			
SUNDRIES			
TOTAL		3	95

**EDGEWATER HOTEL**

P.O. Box 4429, Whitehorse, Yukon

PER Diana M. Thee

**Hotel Guest Receipt**

Date 2 Aug 19 79

Received from

M \_\_\_\_\_  
 The Sum of 3 45  
 DOLLARS

ITEMS		AMOUNT	
ROOM	DAYS		
MEALS		3	45
CELLAR DINING			
PHONE CALLS			
LAUNDRY			
VALET SERVICE			
SUNDRIES			
TOTAL		3	45

**EDGEWATER HOTEL**

P.O. Box 4429, Whitehorse, Yukon

PER \_\_\_\_\_

ITEMS		AMOUNT	
ROOM	DAYS		
MEALS		3	05
CELLAR DINING			
PHONE CALLS			
LAUNDRY			
VALET SERVICE			
SUNDRIES			
TOTAL		3	05

**EDGEWATER HOTEL**

P.O. Box 4429, Whitehorse, Yukon

PER \_\_\_\_\_

Received from Carol  
 Date Aug 27 19 79  
 The Sum of \_\_\_\_\_  
 DOLLARS

**Hotel Guest Receipt**

23/8/79  
 3.25

45196

Received from J. P. Sawyer Aug 24 19 79  
Fifty four 2 100 Dollars  
2 nights accommodation  
S. Hill Ed. Ford Capital Hotel



YUKON INN  
 4220 4TH AVE. WHITEHORSE, YUKON TERRITORY, CANADA



3074  
LITHO IN CANADA

45100

Aug 27 1979

Received from Mr. J. B. Murray

Twenty Two  $\frac{XX}{100}$  Dollars

for night room accommodation

\$ 22.00 H. Ford

CAPITAL HOTELS (1979) LTD.  
103 Main Street  
Whitehorse, Yukon Y1A 2A7

Phone (403) 668-4700



DATE	WAITER	PLEASE PAY WAITER
27/8/79	BS	2.10

SHEFFIELD HOUSE RESTAURANT  
Second and Wood Streets  
Whitehorse, Y.T.

62264

THANK-YOU

Pacific Building  
Maintenance Ltd.  
Facilities Manage-  
ment Division,  
9400 River Drive  
Richmond, B. C.  
V6X 1Y9 273-7207

DATE \_\_\_\_\_  
RECEIVED 8/18/79  
PER BS

VANCOUVER INTER-  
NATIONAL AIRPORT  
PARKING



SAWYER CONSULTANTS INC.

October 2, 1979

Rebel Developments Ltd.,  
#3, 425 Howe Street,  
Vancouver, B.C. V6C 2A9

in account with Sawyer Consultants Inc.

---

To Professional Services.

Re supervision of drilling program, Arsenault Claims,  
T.G. Hawkins, September 6-30, 1979 inclusive.

25 days @ \$200.00

\$5,000.00



**SAWYER CONSULTANTS INC.**

November 2nd, 1979

Rebel Developments Ltd.,  
#3, 425 Howe Street,  
Vancouver, B.C. V6C 2A9

in account with Sawyer Consultants Inc.

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To Professional Services.

Re Arsenault Claims, Atlin Mining District

J. B. P. Sawyer, P. Eng. - August 22nd-27th, 1979  
re locating and spotting drill holes, etc.  
5 days @ \$250.00

\$1,250.00

T. Greg Hawkins, Oct. 1st to 31st, 1979  
Field supervision of drilling, core logging, etc.  
9 1/2 days @ \$200.00

1,900.00

Disbursements as per attached  
10% on Disbursements

\$640.36  
64.04  
\$704.40

704.40

TOTAL INVOICE

\$3,854.40

*pd. Nov. 15/79*  
*\$DL # 380*

Disbursements

T.G. Hawkins, expenses		\$ 230.04
Bondar-Clegg & Co. Ltd. assaying, #C4580		99.00
Superior Reproductions & Printing, map copying, xeroxing		
#R85067	\$ 6.34	
#R90796	<u>12.58</u>	
	\$18.92	18.92
B.C. Hydro & Power Authority, electricity		
Apr. 30/79	\$10.00	
June 27/79	8.22	
Aug. 28/79	10.34	
Oct. 29/79	<u>9.94</u>	
	\$38.50	38.50
B.C. Telephone Co., long distance tolls		
Aug. 23/79	\$ 16.15	
Sept. 24/79	48.05	
Oct. 24/79	<u>56.10</u>	
	\$120.30	120.30
J. Farquharson, office assistance		110.50
In-office copying, 154 @ 15¢		<u>23.10</u>
Total Disbursements		<u>\$ 640.36</u>



Statement of Expenses of T. Greg Hawkins  
Sept. 6th to Oct. 9th, 1979 re Rebel  
Developments Ltd. Arsenault Claims,  
Atlin Mining Division, B. C.

Sept. 6/79	Airport taxi	\$ 7.50
	Equipment	3.49
	Dinner	22.00
Sept. 7/79	Postage	1.70
Sept. 18/79	Lunch	5.00
Sept. 21/79	Dinner	7.50
Sept. 22/79	Hotel, food, phone	47.55
	Batteries	19.90
Oct. 6/79	Dinner	9.50
Oct. 7/79	Breakfast	3.25
	Lunch and bar	28.75
	Dinner	27.80
Oct. 8/79	Lunch and dinner	38.70
Oct. 9/79	Lunch	<u>7.40</u>
	Total expenses re Rebel	\$230.04
	Less expense advance	<u>100.00</u>
	Balance owing	\$130.04

Oct. 14, 1979

T. Greg Hawkins





Canada Post  
Canada

Receipt Reçu

Office  
Date Stamp

Timbre à date  
du bureau

Received in  
payment for  
Postage Supplies

Reçu en paiement  
d'articles  
d'affranchissement

720186

375 1/2  
WHITEHORSE

\$

1 170

Signature

*[Handwritten Signature]*

41-16-020 (5-72)

THANK YOU FOR YOUR PATRONAGE

DATE

*Sept 7 75*

*[Handwritten Signature]*

TOTAL

*11.11*

N<sup>o</sup> 1414

**THE PROSPECTOR DINING LOUNGE**

Third & Jarvis Street, Whitehorse, Yukon

Phone (403) 668-4949

4501 140 249 973

349 MDS  
349 SIL  
5100 RTD  
11.51 CDD  
3.19 TTL

09/79 BMB  
T E GREGORY HAWKINS

*9 18 75*

*9/6/75*

5 177

TAKU HOTEL  
1472 LTD  
WHITEHORSE YUKON  
H33483 CX0030

455

0 244 973

09/79 BMB  
T E HAWKINS

SIGNATURE

*[Handwritten Signature]*

VISA

*65*  
*9 00*

5 855

JR RESTAURANT  
WHITEHORSE Y T  
5086 CX0100 80

*1 50*

*[Handwritten Signature]*  
VISA

*1 50*

127 Grey Hawkling 3900

Teahoe ROYAL (1972) LTD.

1-425 Howe St

Initials *JB*

URN. 16C

No 11979  
FROM *Sept 21/79*  
TO *22/79*

FIRM

BALANCE FOR 4108 Fourth Avenue - P.O. Box 4308 - WHITEHORSE, YUKON TERRITORY  
TELEPHONE (403) 688-4545 - TELEX 048-8-285

1		1		
2		2		32.00 : ROOM
3		3	555 685 W21	32.00 BAI 8
4		4		
5		5		32.00 8 8
6		6		
7		7		3.60 : BAR
8		8		
9		9	555 732 W21	35.60 BAI 8
10		10		
11		11		35.60 : 8
12		12		2.40 : LOCAL
13		13		
14		14	555 762 W21	36.00 BAI 8
15		15		6.20 : REST
16		16		
17		17	555 879 W22	42.20 BAI 8
18		18		
19		19		2.35 : REST
20		20		
21		21	555 912 W22	47.55 BAI 8
22		22		
23		23		47.55 PAID :
24		24		
25		25	555 913 W22	70.00 BAI 8
26		26		

ACCOUNT PAID BY

Regardless of charge instructions, the undersigned guest acknowledges the above as a personal indebtedness.

- CASH
- AMES
- CHARGE X
- CHARGE
- MAST. CH

09 24 1979  
07 75 LMG  
07 75 LMG

9/22/79  
BAIT  
*Be...*  
CUSTOMER COPY

19.90

SALES DRAFT  
FACTURE

Thank you  
Merci



PLEASE RETAIN THIS COPY AS A RECORD OF YOUR TRANSACTION



CUSTOMER COPY - COPIE DU CLIENT

501 140 249 973

09.81 BUS

GREGORY HARRIS

79  
5 907

RESTAURANT  
WHITEHORSE Y T  
86 CX0100 80

SIGNATURE  
VISA  
CDN CAN

**SHEFFIELD HOUSE RESTAURANT**  
WHITEHORSE TRAVELEDGE

Box 42-0 Whitehorse, Y.T. Phone (403) 668-4700  
1A 173

1859

NAME: \_\_\_\_\_  
ROOM NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_  
NATURE: \_\_\_\_\_

AMT OF CHECK
GRATUITY

	TABLE	PERSONS

Phone (403) 668-4700

DATE WAITER PLEASE PAY WAITER

09/81 BUS

GREGORY HARRIS

WHITEHORSE TRAVELEDGE  
WHITEHORSE YUKON  
3483 CX0030

10 17 79  
5 957  
325  
325

SIGNATURE  
VISA

1 140 249 973

09.81 BUS

GREGORY HARRIS

WHITEHORSE TRAVELEDGE  
WHITEHORSE YUKON  
3483 CX0030

SIGNATURE  
VISA

10 18 79  
5 476  
34 70  
38 70

Phone (403) 668-4700

DATE WAITER PLEASE PAY WAITER

OCT - 9 1979 / 2 24.8

**SHEFFIELD HOUSE RESTAURANT**  
Second and Wood Streets  
Whitehorse, Y.T.

27.80

THANK YOU

AL \$7.40  
Oct. 9/79







# BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110 TELEX: 053-3548

C 4580

INVOICE: **C 4580**

DATE: October 23/79

REPORT NO: A29 - 1313

PROJECT:

Sawyer Consultants, Inc.  
#1 - 425 Howe Street  
Vancouver, B.C.  
V6C 2A9

W. O. No. C 6979

6	Gold	Assays	@ \$ 6.00	\$ 36.00
6	Copper	Assays	@ \$ 5.00	30.00
6	Zinc	Assays	@ \$ 5.50	<u>33.00</u>
				\$ 99.00

sj a

THIS IS A PROFESSIONAL  
ACCOUNTS DUE WHEN BILLED

ORDERED BY

CUSTOMER P.O. NO

REQUISITION NO.

INVOICE NO.

MACDONALD/S C I

MONTHLY BILLING

R85067

CUSTOMER NUMBER

JOB DESCRIPTION

PHONE

7041

684 5433

ORDER DATE  
DAY/MO/YR

INVOICE DATE  
DAY/MO/YR

SAWYER CONSULTANTS INC.  
1-425 HOWE STREET  
VANCOUVER BC

APR 14 1979

27/04/79

PRINTS TO

V60 289

FOR APRIL 1979

ORIGINALS TO

FEDERAL SALES TAX NO

PROVINCIAL SALES TAX NO

PRODUCT NO.	DESCRIPTION	ORIGINALS	NO OF PRINTS	TOTAL SQ FT	UNIT PRICE	AMOUNT
161	2 WHITEPRINTS BLUE		0	60.5	.1500	9.53
115	2 MYLAR 003 BLACK REVERSE 5/8"	1	1	1.0	2.1000	2.10
312	2 1800 BOND COPIES LIN.FEET. 24.0	1	0	.0	1.7000	31.20
411	2 COLOR XEROX FULL COLOR 11" OR 1	1	1	.0	2.0000	2.00
403	2 OFFICE BOND COPIES 8.5 X 11 HOW	1	1	.0	21.40	21.40

**PAID**  
[ APR 27 1979 ]

CALL "SUPERIORMAN" FOR PRINTING IN A FLASH! PHONE 684 5433

INVOICE NUMBER

REMIT TO

**SUPERIOR REPRODUCTIONS LTD.**

1111 MELVILLE ST. VANCOUVER, B.C. V6E 3K5

TERMS  
NET 30 DAYS

R85067

TAXABLE	66.23
F.S.T.	5.46
PROV. TAX	2.89
NON TAXABLE	.00

**TOTAL 75.08**

SERVICE LOCATIONS 1111 MELVILLE ST. • 436 HOWE ST. • LOWER BENTALL III • 2407 BARRARD ST

*Handwritten:* R85067

*Handwritten:* 2.60  
50  
24  
34

CLIENT: Sanger Corp Inc. FOR MONTH OF Feb, 1979

	XEROX 11"	XEROX 14"	COLOUR XEROX	1860 XEROX	WHITE PRINT	UNIT COST	DESCRIPTION	SIGNATURE
Mar 8					1/4 MYLAR		Mapa mylar 400 Loc.	J. Ferguson
13/79	9						Rebel - maps	J. Ferguson
Apr 5	30						Extra reports Willaka (42 CNR)	J. Ferguson
Apr 6				1LF	6¢		Map 3 - Table 1	J. Ferguson
Apr 14	17						1 Extra report Table 1 willaka	J.F.
Apr 11				1LF			Table 1 "	"
Apr 11					3¢		Map 3 "	"
Apr 11				2LF			Map 2 "	"
"			1		10.5¢		Kitab Kit "	"
Apr 12	3						Rebel - photos	J. Ferguson
Apr 17	16						p. 27, 28 re Rebel	J. Ferguson
Apr 25	32			2LF	6¢		2 More Willaka rep.	J.F.
Apr 25	6							
Apr 27					14¢		Willaka - map (1/2)	J.F.
Apr 27					18¢		" "	J.F.
March 30					6¢			
	25							

HOLD

BILLING LEVEL R30796

684 5433

DRIVER CONSULTANTS INC.  
 1-425 HOWE STREET  
 VANCOUVER BC  
 V6C 2R9

ORDER DATE  
 DAY/MO./YR.  
 28/ 9/79

ORDER DATE  
 DAY/MO./YR.  
 28/09/79

FIN

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
WHITEPINTS BLUE	74.0	1.700	12.58

OUT

stay....Our hand-boiled printers will scramble to meet your deadline

TOTAL	12.10
P.A.T.	1.00
PER. TAX	.48
NET TOTAL	13.58
<b>TOTAL</b>	<b>12.58</b>

ORDER NUMBER  
 207-46

ORDER TO:  
**SUPERIOR REPRODUCTIONS LTD.**  
 8111 BELMOR ST., VANCOUVER, B.C. V6E 2R5  
 SERVICE LOCATIONS: 8111 BELMOR ST. • 400 HOWE ST. • LOWER BENTALL RD. • 2407 BURNARD ST.

TERMS:  
 NET 30 DAYS

ROLL

RENEW

17 74 07 2205 1596 90000019990000000000



CASHIERS STUB

000000  
333  
444  
555  
666  
777  
888  
999

PLEASE MAIL THIS PART WITH PAYMENT

DO NOT SEND CASH IN MAIL

SAWYER CONSULTANTS INC  
425 HOWE ST-1  
VANCOUVER BC V6C 2A9

30 APR 79  
BILLING DATE  
400

\$19.99  
AMOUNT DUE

BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

PREVIOUS BILL 19.36 LESS PAYMENTS 19.36 BALANCE FORWARD

SERVICE	METER READINGS	DATE	METER READINGS	CONSUMPTION		
BY	PREV	BY	PREV			
ELEC	22728	25 APR 79	7172	7444	272	19.11
						0.88

48 S.S. TAX PRORATED FROM 3 APR 79

WISE USE OF ENERGY SAVES DOLLARS AND MAKES SENSE

BILLING DATE 22 MAY 79

PLEASE PAY BY 22 MAY 79

LOCAL B.C. HYDRO

970 BARRARD ST VANCOUVER BC V6C 1Y3  
SAWYER CONSULTANTS  
PHONE 669-2922

425 HOWE ST-2-3

\$19.99  
AMOUNT DUE

HEAD OFFICE - 970 BARRARD ST. VANCOUVER B.C. V6Z 1Y3

1/2 of \$19.99 = \$10.00



BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

27 JUN 79

\$16.44  
AMOUNT DUE

CASHIER'S STUB

PLEASE MAIL THIS PART  
WITH PAYMENT  
DO NOT SEND CASH IN MAIL

SAWYER CONSULTANTS 2  
INC  
425 HOWE ST-1  
VANCOUVER BC V6C 2A9

----- 17 61 07 2205 15469 | 1644 |

Customer - Please Keep This Portion

	19.99	PAID	19.99	
<small>METER HEAD NO. 04115</small>		<small>METER HEAD NO. 04115</small>		
ELEC	25APR 22JUN79 1220 7444 7652		008	15.81
	PROVINCIAL SOCIAL SERVICES TAX AT 4%			0.63

WISE USE OF ENERGY SAVES DOLLARS AND MAKES SENSE

BILLING DATE 27 JUN 79  
PLEASE PAY BY 20 JUL 79

970 BARRARD ST  
VANCOUVER V6Z 1Y3  
PHONE 669-2922

SAWYER CONSULTANTS  
INC

07220515969 425 HOWE ST-2-3

E 231360 17

\$16.44  
AMOUNT DUE

BRITISH COLUMBIA HYDRO AND POWER AUTHORITY



BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

28 AUG 79

BILLING DATE

CASHIER'S STUB

PLEASE MAIL THIS PART WITH PAYMENT

DO NOT SEND CASH IN MAIL

SAWYER CONSULTANTS 2  
INC  
425 HOWE ST-1  
VANCOUVER BC V6C 2A9

17 62 07 2205 15969 | 2068 |

CYCLE

Customer - Please Keep This Portion

TEAR HERE

PREVIOUS BILL SERVICE	METER READING DATES FROM TO	RATE SCHEDULE	METER READINGS PREVIOUS	METER READINGS PRESENT	CONSUMPTION	LESS PAYMENTS	BALANCE FORWARD
	22 JUN 23 AUG 79	1220	7652	7939	287	16.44	16.44
ELEC							19.88
							0.80

**USE OF ENERGY - SAVE ENERGY AND MONEY SENSE**

PLEASE USE ENERGY WISELY. TURN OFF LIGHTS AND APPLIANCES WHEN NOT IN USE. WASH YOUR CLOTHES IN COLD WATER. TAKE SHORTER SHOWER.

**BILLING DATE 20 AUG 79**

**PLEASE PAY BY 20 SEP 79**

970 BARRARD ST VANCOUVER BC V6Z 1Y3  
SAWYER CONSULTANTS  
PHONE 669-2922

07220515969 425 HOWE ST-2-3 E 231368 17 \$20.68

AREA FOR SERVICE AT AMOUNT DUE

BRITISH COLUMBIA HYDRO AND POWER AUTHORITY HEAD OFFICE - 970 BARRARD ST. VANCOUVER BC V6Z 1Y3

*REDEBIT 1/2 of 20.68 = \$10.34*



BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

29 OCT 79

\$19.88

CASHIER'S STUB

AMOUNT DUE

404

PLEASE MAIL THIS PART WITH PAYMENT

DO NOT SEND THIS IN MAIL

SAWYER CONSULTANTS 2  
INC  
425 HOWE ST-1  
VANCOUVER BC V6C 2A9

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-----

17

72 07 2205 15969

1988

Customer - Please Keep this Portion

20.68

0.65

ELEC 23AUG 24OCT79 1220 7939 8198 259 19.12  
PROVINCIAL SOCIAL SERVICES TAX AT 4% 0.76

WISE USE OF ENERGY SAVES DOLLARS AND MAKES SENSE

BILLING DATE 29 OCT 79  
PLEASE PAY BY 21 NOV 79

970 BURBARD ST  
VANCOUVER V6Z 1Y3  
PHONE 609-0900

SAWYER CONSULTANTS  
INC

SEND ACCOUNT NO

07-2205-15969 425 HOWE ST 2-3

F 031368 17

\$19.88

BRITISH COLUMBIA HYDRO AND POWER AUTHORITY





YOUR TELEPHONE NUMBER

684 5433

DATE OF BILL

AUG 23, 1979

PAGE 3

CALLS TO		NUMBER	TY	MIN	CALLS FROM	AMOUNT
AUG 8	VANCVER BC	684 5433	3K	6	PRINCET BC	3.41
AUG 8	NTH VAN BC	986 4288	3K	1	PRINCET BC	1.88
AUG 9	WELLS LAKE BC		1K	3	VANCVER BC	1.85
AUG 9	WELLS LAKE BC		1K	2	VANCVER BC	1.85
AUG 10	VANCVER BC	684 5433	3K	9	PRINCET BC	4.94
AUG 10	PENTICT BC	492 0728	3K	6	PRINCET BC	2.45
AUG 10	NTH VAN BC	986 4288	3K	2	PRINCET BC	1.88
AUG 10	WELLS LAKE BC		3S	2	PRINCET BC	.98
AUG 11		295 6993	4L	15	PRINCET BC	8.87
AUG 11	PENTICT BC	492 0728	3S	3	VANCVER BC	2.09
AUG 11	WELLS LAKE BC		3S	4	PRINCET BC	1.12
AUG 11	WELLS LAKE BC		3S	2	VANCVER BC	1.85
AUG 12	BAGDAD	633 2363	3B	3	GLENDL AZ	1.56
AUG 12	NOVANCOUVR BC	985 3303	3S	6	GLENDL AZ	4.00
AUG 12	SPSTNAPJCT	982 4155	3S	8	GLENDL AZ	.72
AUG 13	VANCOUVER BC	684 5433	3K	13	GLENDL AZ	9.80
AUG 13	SPSTNAPJCT	982 4155	3S	1	PHNX AZ	.46
AUG 13	SPSTNAPJCT AZ	982 4155	3S	3	INGLWD CA	2.00
AUG 13	VANCVER BC	684 5433	3K	3	PRINCET BC	1.88
AUG 13	VANCVER BC	684 5433	3K	6	PRINCET BC	3.41
AUG 13	WELLS LAKE BC		3S	2	VANCVER BC	1.85
AUG 14	VICTORI BC	592 7932	L	23		10.80
AUG 14		295 7778	4K	12	PRINCET BC	6.47
AUG 14	CALGARY AB	264 4036	0K	2		1.50
AUG 14	OTTAWA ON	731 2802	0K	3		2.97
AUG 14	KINOSTON ON	547 5957	0K	21		20.79

*REBEL*

PLEASE SEE REVERSE FOR EXPLANATION OF TYPES OF LONG DISTANCE CALLS, CREDIT CHARGE AND DISCOUNTS



YOUR TELEPHONE NUMBER

684 5433

DATE OF BILL

AUG 23, 1979

PAGE 4

CALLS TO		NUMBER	TY	MIN	CALLS FROM	AMOUNT
AUG 15	CALGARY AB	264 4036	L	13		11.95
AUG 15	TUCSON AZ	297 7281	0K	3		2.26
AUG 15	VERNON BC	542 8960	3K	1	VANCVER BC	2.15
AUG 16	WINNIPEG MB	253 9470	0S	3		1.76
AUG 16	PRINCET BC	295 6993	3K	4	VANCVER BC	2.39
AUG 17	GOLDEN CO	278 7250	0K	3		2.11
AUG 17	SAFFORD AZ	428 4150	3L	5	VANCVER BC	6.24
AUG 18	PENTICT BC	492 0728	0S	11		3.85
AUG 18	FREDUNIA AZ	643 9220	0K	30		20.20
AUG 18		643	4L	1	FRDONA AZ	4.40
AUG 19	OTTAWA ON	728 0109	0S	1		.64
AUG 20	PRINCET BC	295 6916	0S	1		.33

*16.15*

TOTAL TOLL CHARGES 373.94

MS.S. TAX AT 4% ON 33.60 1.34

CURRENT CHARGES 412.83

TOTAL PAYABLE ON RECEIPT 412.83

SAWYER CONSULTANTS  
INC

YOUR TELEPHONE NUMBER  
684 5433 9  
VANCOUVER  
PREVIOUS BILL  
PAYMENT APPLIED SEP 19

DATE OF BILL  
SEP 24, 1979

412.83 AMOUNT  
412.83

RENTAL FOR MONTH SEP 23 TO OCT 22

33.60

ADVERTISING, VANCOUVER DIRECTORY

3.95

REBEL DEV.

	CALLS TO	NUMBER	TY	MIN	CALLS FROM	
AUG 6	WELLS LAKE BC		1B		4 VANCVR BC	2.05
AUG 9	WELLS LAKE BC		1S		1 VANCVR BC	1.85
AUG 13	PENTICT BC	492 3800	JK		2 PRINCET BC	1.40
AUG 15	WELLS LAKE BC		2B		4 NTH VAN BC	2.07
AUG 16	WELLS LAKE BC		1S		4 VANCVR BC	2.18
AUG 17	FAIRBANKS AK	479 6231	OK		2	5.50
AUG 17	FAIRBANKS AK	926 8700	OK		2	5.50
AUG 19	WELLS LAKE BC		2S		9 NTH VAN BC	3.59
AUG 22	NOVANCOUVR BC	985 3303	XS		4 WHITEHSYT	3.91
AUG 22	VANCOUVER BC	684 5433	XK		24 WHITEHSYT	23.15
AUG 23	CALGARY AB	264 4036	OK		4	3.00
AUG 23	VANCOUVER BC	684 5433	XK		19 WHITEHSYT	18.40
AUG 23	HULL PQ	997 1930	3L		1 LACHN PQ	3.35
AUG 24	SPSTNAPJCT AZ	982 4155	OK		3	2.26
AUG 24	UNIONVILLE ON	495 0660	OK		3	2.97
AUG 24	CALGARY AB	264 4036	OK		1	.75
AUG 24	VANCOUVER BC	684 5433	XK		5 WHITEHSYT	5.10
AUG 26	FREDONIA AZ	643 5598	OS		2	.94
AUG 26	WHITEHS YT	667 7881	X3		1 TESLIN YT	1.15

PLEASE SEE REVERSE FOR EXPLANATION OF TYPES OF LONG DISTANCE CALLS, CREDIT CHARGE, AND DISCOUNTS.

PAGE 2

YOUR TELEPHONE NUMBER  
684 5433

DATE OF BILL  
SEP 24, 1979

	CALLS TO	NUMBER	TY	MIN	CALLS FROM	
AUG 26	NOVANCOUVR BC	985 3303	XS		5 WHITEHSYT	4.62
AUG 27	PENTICT BC	492 0728	OK		4	2.32
AUG 27	PENTICT BC	492 0728	OK		4	2.32
AUG 27	SAFFORD AZ	428 0138	OK		5	3.70
AUG 27	VANCVR BC	684 5433	3K		7 F JOHN BC	5.39
AUG 28	PENTICT BC	492 0728	OK		32	18.56
AUG 28	CALGARY AB	265 6211	OK		2	1.50
AUG 28	CALGARY AB	265 9600	OS		1	.49
AUG 29	VANCOUVER BC	684 5433	3K		2 KANAB UT	2.40
AUG 29	LAS VEGAS NV	731 3111	3K		3 KANAB UT	1.85
AUG 30	CALGARY AB	269 6606	2S		4 NTH VAN BC	3.04
AUG 31	VANCOUVER BC	684 5433	3L		7 GR CYN AZ	7.08
SEP 1	LAS VEGAS NV	731 3111	3B		4 FRDONA AZ	1.97
SEP 4	VERNON BC	542 8960	L		12	8.50
SEP 4	CALGARY AB	246 3442	OK		9	6.75
SEP 4	HULL PQ	997 1930	OK		12	11.88
SEP 4	CALGARY AB	265 6211	OK		1	.75
SEP 5	WHITEHORSE YT	668 4320	L		6	7.85
SEP 5	CALGARY AB	264 4036	OK		1	.75
SEP 6	NO PHOENIX AZ	943 3573	L		7	7.68
SEP 6	CALGARY AB	277 0731	OK		8	6.00
SEP 6	CALGARY AB	264 4036	OK		6	4.50
SEP 6	VANCOUVER BC	684 5433	XK		23 WHITEHSYT	22.20
SEP 6	VANCOUVER BC	684 5433	XK		1 WHITEHSYT	3.20
SEP 7	CALGARY AB	264 4036	L		8	8.20
SEP 7	CALGARY AB	264 4036	OK		1	.75

7.85  
22.20  
3.20

**B.C. TEL**   
**BRITISH COLUMBIA TELEPHONE COMPANY**



PAGE 3

YOUR TELEPHONE NUMBER  
 684 5433

DATE OF BILL  
 SEP 24, 1979

CALLS TO	NUMBER	TY	MIN	CALLS FROM	AMOUNT
SEP 7 FREDONIA	AZ 643 5598	XK	1	WHITEHSYT	4.85
SEP 7 VANCOUVER	BC <del>884</del> 5433	XR	14	WHITEHSYT	13.65
SEP 11 PRINCET	BC 295 6996	OK	3		1.53
SEP 11 PRINCET	BC 295 6923	OK	1		.51
SEP 12 NTH VAN	BC 985 3303	JK	5	PRINCET BC	2.90
SEP 12 VANCVR	BC 684 5433	3L	8	PRINCET BC	5.30
SEP 18 CALGARY	AB 264 4036	L	4		5.20
SEP 18 WHITEHORSE	YT 668 4545	OK	1		.99
SEP 19 VERNON	BC 542 8960	L	18		12.10
SEP 19 REGINA	SK 565 2537	L	7		8.99
SEP 19 NOVANCOUVR	BC 985 3303	2T	14	WICKBG AZ	9.94
SEP 20 BANDON	OR 347 2627	T	16		8.35
SEP 21 CALGARY	AB 265 0270	1K	4		3.30
SEP 21 DURANGO	CO 247 0726	L	8		7.75

TOTAL TOLL CHARGES 318.69

\*S.S. TAX AT 4% ON 33.60 1.34

CURRENT CHARGES 357.58

TOTAL PAYABLE ON RECEIPT 357.58

*TOTAL*

*48.15*

PLEASE SEE REVERSE FOR EXPLANATION OF TYPES OF LONG DISTANCE CALLS CREDIT CHARGE AND DISCOUNTS



SAWYER CONSULTANTS  
 INC

684 5433 9  
 VANCOUVER  
 PREVIOUS BILL  
 PAYMENT APPLIED OCT 23

OCT 24, 1979  
 357.58  
 357.58CR

\*RENTAL FOR BILLING MONTH OCT 23 TO NOV 22

33.60

*REBEL*

ADVERTISING, VANCOUVER DIRECTORY

3.95

CALLS TO		NUMBER	TY	MIN	CALLS FROM		
JUL 27	WELLS LAKE BC		1B	4	VANCOUVER BC		2.05
AUG 3	VANCOUVER BC	684 5433	XK	33	VANCOUVER BC		29.10
AUG 8	GLENDALE AZ	977 7261	3L	10	WELLS LAKE BC		9.09
SEP 7	FAIRBANKS AK	456 5780	XK	3	WHITEHSYT		3.15
SEP 17	SAFFORD AZ	428 4157	XS	81	WHITEHSYT		93.40
SEP 18	VANCOUVER BC	684 5433	XK	8	WHITEHSYT		7.95
SEP 18	VANCOUVER BC	684 5433	XK	20	WHITEHSYT		19.35
SEP 18	OTTAWA ON	731 2802	XK	11	WHITEHSYT		13.60
SEP 21	DUR CO	247 4023	L	5			5.74
SEP 21	NOVANCOUVER BC	985 3303	3S	23	WHITEHSYT		17.45
SEP 22	NOVANCOUVER BC	985 3303	3K	8	TESLIN YT		7.55
SEP 26	WHITEHORSE YT	667 6434	OK	4			3.80
SEP 27	SPSTNAPJCT AZ	982 4155	L	15			13.44
SEP 27	CALGARY AB	264 4036	L	6			6.70
OCT 2	CALGARY AB	264 4036	OK	2			1.50
OCT 2	VICTORI BC	598 5566	2L	13	NTH VAN BC		6.60
OCT 3	VANCOUVER BC	684 5433	XK	8	WHITEHSYT		7.95
OCT 5	NOVANCOUVER BC	985 3303	XK	6	WHITEHSYT		6.05
OCT 11	TORONTO ON	362 6825	OK	6			5.94

*7.95*  
*19.35*  
*17.45*  
*7.55*  
*3.80*  
*3.50*

PLEASE SEE REFERENCE FOR EXPLANATION OF TYPING



PAGE 2

684 5433

OCT 24, 1979

CALLS TO		NUMBER	TY	MIN	CALLS FROM		
OCT 11	TORONTO ON	362 6825	2L	7	NTH VAN BC		10.71
OCT 12	JOHN DAY OR	575 1462	OK	2			1.08
OCT 14	CALGARY AB	246 3442	OS	14			6.83
OCT 15	PENTICT BC	492 0728	OK	1			.58
OCT 15	PENTICT BC	493 4181	OK	1			.58
OCT 15	CALGARY AB	243 8408	OK	1			1.50
OCT 15	DAWSON YT	993 5451	OK	2			2.00
OCT 16	CALGARY AB	243 8408	OK	1			.75
OCT 16	DAWSON YT	993 5451	OK	1			1.00
OCT 17	PENTICT BC	492 0111	OK	11			6.38
OCT 17	PENTICT BC	492 0728	OK	52			30.16
OCT 17	DAWSON YT	993 5451	OK	25			25.00
OCT 17	CALGARY AB	243 8408	OK	15			11.25
OCT 17	CALGARY AB	243 8408	OK	14			10.50
OCT 18	WELLS LK BC	392 4691P	3L	6	PR GEO BC		4.39
OCT 18	VANCOUVER BC	732 5551	3L	7	PR GEO BC		6.43
OCT 18	VANCOUVER BC	684 5433	3K	16	PR GEO BC		11.87
OCT 18	NTH VAN BC	985 3303	3S	11	WELLS LK BC		5.27
OCT 22	CALGARY AB	243 8408	OK	1			.75
OCT 23	G BRITAIN	60342539	2L	9	NTH VAN BC		21.00

TOTAL TOLL CHARGES

413.54

\*S.S. TAX AT 4% ON

33.60

1.34

*10.71*

*56.10*

4160 Prince Albert Street,  
Vancouver, B. C. V5V 4J4

October 31, 1979

Sawyer Consultants Inc.,  
#1, 425 Howe Street,  
Vancouver, B. C. V6C 2A9

in account with J. Farquharson

---

To office services re Rebel Developments Ltd.  
June to October 31, 1979.

17 hours @ \$6.50 =

\$110.50

Received Payment

*[Signature]*

---

SAWYER CONSULTANTS INC.  
 1405 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2A9

Date	No. Copies	Company	Project/Description	Date Charged
1979		REBEL		
Sept 11	3		Progress Report Sept. 13/79.	
Sept. 19	8		Arctic Drilling Contract	
✓ 20	1		Davis & Co Aug 29 letter	
Oct. 16	3		G. Hawkins expense receipts	
✓ ✓	2		Telephone bill Sept 28/79.	
✓ 18	5		Progress Report to Shareholders	
✓ 23	2		Superior issue # R 90796	
✓ 30	24		Material Facts for Pierre Corriveau	
✓ 30	4		Pierre Corriveau Oct. 6 letter	
✓ 30	4		Barber McKercher Oct 26 proposal	
	154 @ 15¢		\$ 23.10	

1979  
 10000

Date	No. Copies	Company	Project/Description	Date Charge
1979		REBEL		
Feb 14	25		Memoranda agreement & data for Canal	
✓	14		Senior Clergy agreement (for Canal)	
March 1	6		Annual Report	
✓	2		Directors Report re 1979 Meeting	
Mar 2	6		C. C. Gent. Summary of Expl. re Canal	
Apr 17	20		Thalcott report Jan. '72.	
✓	3		Expanded pages 1, 27, 28 re Jennings	
✓	2		re office copying invoice	
	76 @ 15¢ =		#11.40 Billed Apr. 18/79.	
May 15	13	REBEL	Directors '79 Report for J.K. Munn.	
✓	3		Invoices re Canal	
June 12	2		Share Sale A.M. to B.A. Copper	
15	10		Finance & Bridge Plans	
June 21	2		Share re letter to Canal from Sub. Lewis	
July	1		News release July 2/79 statement	
Aug. 1	1		Tanner Claim Map re B.A.	
✓	15		" Salmon River data re B.A.	
✓	2		Report to Shareholders	
Aug 3	26		Royal Ins. Liability Policy 5874508 u/c	
✓	3		Share letter July 26 re sale of shares	
✓	2		Report to Shareholders	
✓	1		July 19 re Writ BCC 783259	
✓	2		Invoices re Canal & B.A. office expense	
Aug 29	2		News Release	
Sept 5	3		" " signed copy	
Sept 5	4		Another News Release	
7	5		Annual Questionnaire re Canal	
1	1		News Release Sept 6	



**SAWYER CONSULTANTS INC.**

November 30th, 1979

Rebel Developments Ltd.,  
#3, 425 Howe Street,  
Vancouver, B.C. V6C 2A9

in account with Sawyer Consultants Inc.

To Professional Services.

Re compilation of data, and preparation of report  
on 1979 Drilling Program on Arsenault Claims,  
Atlin Mining Division, B.C.

T. Greg Hawkins - 3 1/2 days @ \$200.00 \$ 700.00

J.B.P. Sawyer, P. Eng. - 3 hours @ \$45.00 135.00

Disbursements:

C.L. Cory, drafting	\$ 80.00	
" " " "	<u>35.00</u>	
	\$115.00	\$115.00
Bondar-Clegg & Co. Ltd., assaying		11.00
J. Farquharson, office assistance		136.50
Superior Reproductions, map printing, etc.		
Invoice #R93320	\$18.37	
" #R92269	<u>22.05</u>	
	\$40.42	40.42
Copy Time, xeroxing	\$18.47	
" " "	<u>.87</u>	
	\$19.34	<u>19.34</u>
Total Disbursements		\$322.26
10% on Disbursements		<u>32.23</u>
		\$354.49

354.49

TOTAL INVOICE

\$1,189.49

11/30/79  
J.B.P. Sawyer



STATEMENT

November 14, 1979

M Sawyer Consultants Inc.  
 #1, 425 Howe St.  
 Vancouver, B.C. V6C 2A9

In ac<sup>t</sup> With C. L. CORY  
 #302, 2345 W. 5th Ave.  
 Vancouver, B.C.

TERMS

Nov. 14/79	Drafting re Rebel Developments Ltd.			
8 hours @ \$10.00				\$80.00

STATEMENT

November 27, 1979

M Sawyer Consultants Inc.  
 #1, 425 Howe Street  
 Vancouver, B.C. V6C 2A9

In ac<sup>t</sup> With C. L. CORY  
 #302, 2345 W. 5th Ave.  
 Vancouver, B.C.

TERMS

Nov. 27/79	Drafting services re Rebel Developments Ltd. (Arsenault 1-3 Claims)		
3 1/2 hours @ \$10.00			\$35.00

*[Handwritten signature]*  
 SCI #0920  
 Nov. 27/79



# BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE 237-3110 TELEX: 053-3548

**Laggar Consultants, Inc.**  
#1 - 425 Howe Street  
Vancouver, B.C.  
VIC 2A9

INVOICE: **C 8508**

DATE: **November 23, 1979**

REPORT NO: **A29 - 1529**

PROJECT:

**W.O. No. C 10294**

1	Gold	Assay	@ \$ 6.00	\$ 6.00
1	Copper	Assay	@ \$ 5.00	<u>5.00</u>
				\$ 11.00

4160 Prince Albert Street  
Vancouver, B.C. V5V 4J4  
November 30, 1979

Sawyer Consultants Inc.  
#1, 425 Howe Street  
Vancouver, B.C. V6C 2A9

in account with J. Farquharson

---

To office services re Report on the 1979 Drilling  
Program on the Arsenault Claims Copper Prospect,  
Jennings River Area, Atlin Mining Division, B.C.  
for Rebel Developments Ltd.

November 1-30, 1979

21 hours @ \$6.50 =

\$136.50

Received Payment

J. Farquharson

# REPRODUCTION INVOICE

TELEPHONES: 683-2181  
REPRODUCTION ACCOUNTING 684-7177

## SUPERIOR REPRODUCTIONS & PRINTING

REMITTANCE TO  
1111 MELVILLE ST.  
VANCOUVER B.C. V6E 3X5

CONTROL BOARD

REPRODUCTION OFFICES

436 HOWE ST., VANCOUVER, B.C.  
1111 MELVILLE ST., VANCOUVER, B.C.  
LOWER MALL, BENTALL III, VANCOUVER, B.C.  
2407 BARRARD ST., VANCOUVER, B.C.

RECEIVED BY	TIME RECEIVED	PROMISED	REQUESTED	DUE DATE	DELIVER	WILL CALL	WAIT	WAIT DEL	CUSTOMER P.O. NO.	REQ/JOB NO.
<i>[Signature]</i>							X		REBEL DEV. ARS	

SAWYER CONS.  
425 HOWE ST.

DATE 28/11/79 R 93320

S	PICKED UP BY	S/C	SHIPPING INSTRUCTION	
	DEL. BY	S/C	<input type="checkbox"/> MAIL	<input type="checkbox"/> BUS
S			<input type="checkbox"/> AIR MAIL	<input type="checkbox"/> COLLECT
			<input type="checkbox"/> AIR EXPRESS	<input type="checkbox"/> PREPAID

ORDERED BY

INVOICE NUMBER ON PAYMENT

PRINTS TO		No. Of Orig.	No. Prints of Each	DESCRIPTION				TOTAL SQ. FT.	UNIT PRICE	AMOUNT
		3	9	WHITE PRINT	BLUE BACK BROWN	FRAME	PREPOLD	108	.15	16.20
ORIGINALS TO				WHITE PRINT	CARD	PLAIN PLASTIC	32 LB 58 LB			
				SEPIA	STD. ERASABLE	REV. FACE UP				
				MYLAR	802 003 0015	WHITELAR SEPIA BLACK	REV. FACE UP			
				1880	BOND	VELLUM				
				SPICE						
				XEROX 7000/18M	8 1/2 x 11 8 1/2 x 14	BOND TRANS.	REDUCED SAME SIZE			
				Film						
				XEROX 7000/18M						
				SLIP CONT.						
				PROJ PAPER	KODAK BRO KPS	K1884 PHOTO VEL				
				CONTACT PAPER	KCS	CONT-Trans	PROJ. THIN STD.			
				FILM NEG	TONER COPYLINE CRONAR	ACU-M80 HI-SPEED DUP.	COMM. CRONAR-FACILE			
				AUTO POSITIVE	PAPER FILM	REV. FACE UP	MACHINE FRAME			
				FILM FOR CONTACT PROJ.	FACE UP REV.	Greenflex Copyline Clear Copy	REPRO. NEG.			
				WASH OFF FILM	AUTO POS	CONTACT	PROJECT			

SPECIAL INSTRUCTIONS

- COLLATE  CERLOX  TRIM  BIND
- FOLD  STAPLE  PUNCH HOLES
- READ ATTACHED  REDUCE TO  ENLARGE TO  SAME SIZE

S.T.P.				SCREEN NEGATIVE	PAR. NEGATIVE
NO. OF COPIES	NO. OF SETS	LINE	WALL TONE	SIZE	SIZE

SUB CONTRACT	
QUOTED PRICE	TOTAL 16.20
FEDERAL SALES TAX NO.	R.F.T. 1.46
	SUB TOTAL 17.66
PROVINCIAL SALES TAX NO.	PROV. TAX .21
LABOUR OR OVERTIME	18.33

INVOICE NUMBER	QUALITY CHECK BY	BILLED BY	TERMS NET 30 DAYS	DELIVERY CHARGES
R 93320				
	DATE	DATE	CUSTOMER SIGNATURE	NET TOTAL 18.33

# COPY TIME REPRODUCTIONS

LOCATIONS

VANCOUVER  
715 WESTERN ST. 682 3410  
845 BARRARD ST. 657 3619  
S.T.B. JURY BLDG. 624 1611  
CALGARY  
612 8th Ave SW 262 3806  
VICTORIA  
115 LANGLEY ST. 386 4122

BY PHONE ONLY

Date: 11/1/77

Customer: James Conzetta  
Address: \_\_\_\_\_  
Required By: \_\_\_\_\_

Phone: \_\_\_\_\_  
P.O. 115  
Deposit:  \$ \_\_\_\_\_

Orig	Copies	8 1/2 sides		Colour stock	Coll.	Red. %	Amount
		11	14				
A	361	1					6.25
B							
C							
D							
E							

Cerlox Binding	No. of books	Cover(s)	Size	\$ / Book
Telecopier	page \$		Line Charges:	
	page \$			

Other Instructions:

*on account*

Sub-total	6.25
F. S. T.	1.06
P. S. T.	1.71
TOTAL	9.02

**SUPERIOR REPRODUCTIONS**

**683-2181**

CUSTOMER P.O. NO. <b>REBEL</b>	REQUISITION NO.	INVOICE NUMBER <b>R92269</b>
STOCKER NUMBER <b>7041</b>	JOB DESCRIPTION	PHONE <b>684 5433</b>

**SAWYER CONSULTANTS INC.  
1-425 HOWE STREET  
VANCOUVER BC**

ORDER DATE  
DAY/MO./YR  
**23/11/79**

INVOICE DATE  
DAY/MO./YR  
**23/11/79**

**V60 289**

*Invoiced to Rebel.*

FEDERAL SALES TAX NO.	PROVINCIAL SALES TAX NO.	ORIGINALS TO
-----------------------	--------------------------	--------------

QUANTITY	DESCRIPTION	ORIGINALS	NO. OF PRINTS	TOTAL SQ. FT.	UNIT PRICE	AMOUNT
61	1 WHITEPRINTS BLUE	0	0	27.0	.1500	4.05
21	1 MYLAR 0015 SEPIA REVERSE S/M	0	0	11.0	1.4000	15.40

Superior introduces THE NIGHT SHIFT because  
some days you need service overnight

INVOICE NUMBER  
**R92269**

REMY TO:

**SUPERIOR REPRODUCTIONS LTD.**  
1111 MELVILLE ST., VANCOUVER, B.C. V6E 3X5

TERMS  
NET 30 DAYS

SERVICE LOCATIONS: 1111 MELVILLE ST. • 436 HOWE ST. • LOWER BENTALL III • 2407 BURRARD ST.

TAXABLE	19.45
F.S.T.	1.75
PROV. TAX	.85
NON TAXABLE	.00
<b>TOTAL</b>	<b>32.05</b>



LOCATIONS

VANCOUVER  
 714 W. HASTINGS ST. 682 8307  
 845 B. RIVER ST. 682 2919  
 S.T.B. at Y.R.C. 224 1011  
 CALGARY  
 612 8th Ave S.W. 262 3806  
 VICTORIA  
 115 LANGLEY ST. 386 4122

Invoice no.

Date: *NOV/25/79*

Customer: *Langer Court* Phone: \_\_\_\_\_  
 Address: \_\_\_\_\_ P.O.: *RESEL*  
 Required By: \_\_\_\_\_ Deposit:  \$ \_\_\_\_\_

	Orig	Copies	8 1/2 sides		Colour stock	Coll.	Red. %			Amount
			11	14						
A	<i>17</i>	<i>1</i>								
B										
C										
D										
E										

Cerlox Binding	No. of books	Cover(s)	Size	\$ / Book
Telecopier	page \$		Line Charges:	
	page \$			

Other Instructions:

*on account*  
*pa*

Sub-total	<i>77</i>
F. S. T.	<i>07</i>
P. S. T.	<i>03</i>
TOTAL	<i>87</i>



# BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110 TELEX: 053-3548

Rebel Development  
#3 - 425 Howe Street  
Vancouver, B.C.  
V6C 2A9

INVOICE: C <sup>C 8409</sup> 8409  
DATE: November 19, 1979  
REPORT NO: A29 - 1408  
PROJECT:

W.O. No C 7170

1	32 Element Scan	@ \$ 25.00	<u>\$ 25.00</u>
---	-----------------	------------	-----------------

#385  
Nov. 30/79

mee





# BONDAR-CLEGG & COMPANY LTD.

76 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110 TELEX: 053-3548

Rebel Development  
#3 - 425 Howe Street  
Vancouver, B.C.  
V6C 2A9

INVOICE: C <sup>C 4814</sup> 4814

DATE: November 2, 1979

REPORT NO: A29 - 1393

PROJECT:

W.O. No. C 7156

5	Gold, Silver	Assays	@ \$ 8.50	\$ 42.50
5	Copper	Assays	@ \$ 5.00	<u>25.00</u>
				<u>\$ 67.50</u>

*Pd. Nov 14/79  
RDL #381*

ddm

*pay*



# BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110 TELEX: 053-3548

Rebel Development Ltd.  
#3 - 425 Howe Street  
Vancouver, B.C. V6C 2A9

INVOICE: C<sup>C</sup> 4941  
DATE: November 9, 1979  
REPORT NO: A29 - 1408  
PROJECT:

W. O. No. C 7170

1	Gold, Silver	Assay	@ \$ 8.50	\$ 8.50
1	Lead	Assay	@ \$ 5.50	5.50
1	Zinc	Assay	@ \$ 5.50	5.50
1	Copper	Assay	@ \$ 5.00	5.00
1	Nickel	Assay	@ \$ 6.50	<u>6.50</u>
				<u>\$ 31.00</u>

*Pd. Nov 14/79  
RDL #381*

sja

*Ray*



# BONDAR-CLEGG & CO. COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110 TELEX: 053-3548

Rebel Developments Ltd.  
#3 - 425 Howe Street  
Vancouver, B.C.  
V6C 2A9

INVOICE: C <sup>C 4223</sup> 4223  
DATE: October 9, 1979  
REPORT NO: A29 - 1068  
PROJECT:

W. O. No. C 8005

3	Gold, Silver	Assays	@ \$ 8.50	\$ 25.50
3	Copper	Assays	@ \$ 5.00	15.00
3	Tin	Assays	@ \$ 9.00	<u>27.00</u>
				<u>\$ 67.50</u>

*Oct 17/79  
Paid RDL # 365*

sja

TELEPHONE (403) 668-2177 • TEL# 080 8-000

37977

INVOICE DATE

AIRPORT REGISTRATION

FLIGHT DATE: 24 08 79

PURCHASE ORDER NO.

~~Belbil~~ Belbil  
 Development LTR  
 5 - 425 Howard St  
 JPV 404 XY

FROM: XY - 760 MI. MAX  
 TO: XY

HOURS: 4.4

REMARKS: 2 PASS  
 MADE CAMP  
 100

INVOICING  
 DIRECT

SUB	QTY	AMOUNT

2.4 • 400/hr 1760.00

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	HR.	
FUEL	4.4 hrs • 1.12 GAL.	123.20
FUEL		
MEALS & LODGING		
OTHER		
OTHER		

*B. Breadt*  
 CHARTERER'S SIGNATURE

*W. Richards*  
 PILOT'S SIGNATURE

*J. Douglas*  
 ENGINEER'S NAME

TOTAL \$ 1883.20

FLIGHT REPORT  
 CUSTOMER COPY

Check  
 337  
 Sept 4/79



# BUILDERS SUPPLYLAND

(A Division of STRATFORD MOTEL (YUKON) Ltd.)

WHITEHORSE, YUKON Y1A 2T5

Aug 21 19 77

LD TO

Rebel Developments

DRESS

SHIP TO

ORDER NO

QUAN	DESCRIPTION	FOOTAGE	UNIT PRICE	AMOUNT
<del>4</del>	<del>1/2" x 1/2" x 10' Ply</del>	<del>1440</del>	<del>4.00</del>	<del>5760</del>
4	1/2" x 1/2" x 10' Ply	1440	4.45	6408
4	1/2" x 1/2" x 10' Ply	400	4.00	1600
30	1/2" x 1/2" x 10' Ply	925	3.50	3237.50
20	4 x 6	250	0.48	120
40	1/2" x 1/2" x 10' Ply	341	38	2155
8	2 x 4 x 18 - pr			40.50
	Laminated to 4 x 2 x 18			
24	1/2" x 1/2" x 10' Ply	1475	23.50	3463.75
12	2 x 4 x 18 - pr	112	0.37	42

16519      CASH      CHEQUE      C.O.D.      DELIVER      105102

1 1/4% INTEREST PER MONTH (18% PER ANNUM)  
CHARGED ON ACCOUNTS OVER 30 DAYS.

# BUILDERS SUPPLYLAND

(A Division of STRATFORD MOTEL (YUKON) Ltd.)

WHITEHORSE, YUKON Y1A 2T5

Aug 16 19 77

SOLD TO

Rebel Developments Ltd

ADDRESS

Box 5245 Wkse

SHIP TO

ORDER NO

QUAN	DESCRIPTION	FOOTAGE	UNIT PRICE	AMOUNT
✓ 2	Axes		10.75	21.50
✓ 2	Chisels		11.65	23.30
1	50# 4" x 1/2" x 1/2"		235.00	235.00
25 #	2" Cop 3/4"		0.65	16.25
10	1 1/2"		0.70	7.00
2	1 1/2" x 1/2" x 1/2"		30.00	60.00
✓ 1	24" Hammer		3.00	3.00
✓ 1	Hammer		13.75	13.75
✓ 1	✓			14.75
300	1/2" Dia. 3mm Poly Rope		0.07	21.00
5	60' Canvas Waterproofing		7.50	37.50
2	Box Orange Elongating Tape	20	1.20	24.00
1	1/2" x 4" x 1/2"	10	1.20	12.00
✓ 1	Roll Taping			2.15
✓ 3	Rolls 1/2" x 1/2" x 1/2"		1.98	5.94
✓ 1	Tape Measure			7.70
✓ 1	Crescent Wrench			11.85
15 #	10" Spikes		0.75	11.25
✓ 5	Coil Wire		2.70	17.40
7	Wrenches			38.60
2	36" Suede Tow		11.35	22.70

E16395      CASH      CHEQUE      C.O.D.      DELIVER      40334

1 1/4% INTEREST PER MONTH (18% PER ANNUM)  
CHARGED ON ACCOUNTS OVER 30 DAYS.

Northern Safety Ltd.

STORE:  
3107 3RD AVE.  
WHITEHORSE, YUKON  
Y1A 1E5

PHONE 667-4071  
OR 667-4074  
TELEX 036 8 413

OFFICE:  
3181C 3RD AVE.  
WHITEHORSE, YUKON  
Y1A 1G5

PHONE 666-6625  
OR 666-6635  
TELEX 036 8 413

Rebel Development Ltd.  
#3-425 Hwy St  
Vancouver, BC

STANDARD  
ORDER NO. 10  
10300

INVOICE DATE <u>August 27th.</u>	FEDERAL SALES TAX NO.	ACCOUNT NO.	YOUR ORDER NO.	OUR ORDER NO.	SALESMAN <u>AKMB</u>
DATE SHIPPED	PROVINCIAL SALES TAX NO.	F.O.B.	<input type="checkbox"/> PPD <input type="checkbox"/> COL	SHIPPED VIA	
		<u>Order Rings</u>		10300	10300
<u>to</u> <u>Rebel Development Ltd.</u>			<u>Aug. 28/79</u> <u>Paid RDL#331</u>		
			TERMS: <u>Net 30 Days Interest Charged on Overdue Accounts</u>	TOTAL <u>103.00</u>	

3876

ORIGINAL - THIS IS YOUR INVOICE

YOUR CHEQUE IS YOUR RECEIPT  
PLEASE PAY LAST AMOUNT . . .

YUKON U CART CONCRETE SYSTEM  
& TOOL RENTAL LTD.  
P.O. 5240  
WHITEHORSE YUKON

STATEMENT OF ACCOUNT

August 28, 1979

Rebel Development Ltd.  
3-425 Howe St.  
Vancouver, B.C.

RE: "Arsenault Claims"

EQUIPMENT RENTAL:

<u>Ford 5-ton e/w hi-up:</u>	2 days @ \$35/day	\$ 70.00	
	Mileage 358 mi @ .35	125.30	
	Gas, oil	105.04	
	Driver: 14 hrs @ \$8/hr	<u>112.00</u>	\$ 412.34 °

<u>Crowcab:</u>	5 days @ \$26/day	130.00	
	530 mi. @ .26	137.80	
	Gas, oil	74.21	
	Driver: 40 hrs @ \$8/hr	<u>320.00</u>	662.01 °

MEALS & SUBSISTENCE:

198.69

SUPPLIES ISSUED:

Hardware items	42.37	
2 cases powder	154.00	
caps, fuses	<u>35.00</u>	<u>231.37</u> °

TOTAL THIS STATEMENT \$ 1,504.41

*Paid By*  
*No 332*



YUKON U CART CONCRETE SYSTEM  
& TOOL RENTAL LTD.  
P.O. 5240  
WHITEHORSE YUKON

STATEMENT OF ACCOUNT

September 3, 1979

Rebel Developments Ltd.  
3-425 Howe St.  
Vancouver, B.C.

TO: EQUIPMENT RENTAL (CREWCAB) :

August 30-September 3- 5 days @ \$26/day	\$ 130.00
Mileage, 489 miles @ .26/mi	<u>127.14</u>
TOTAL	<u>\$ 257.14</u>

PAID BY CHEQUE 333

YUKON U GART CONCRETE SYSTEM  
& TOOL RENTAL LTD.  
P.O. 5240  
WHITEHORSE YUKON

STATEMENT OF ACCOUNT

September 13, 1979

Rebel Developments Ltd.  
3-425 Howe St.  
Vancouver, B.C.

RE: ARSENAULT CLAIMS:

EQUIPMENT RENTAL:

Crewcab, August 30-September 13, 1979:

14 days @ 26.00/day	\$ 364.00	
Mileage: 1274 @ .26/mi	<u>331.24</u>	\$ 695.24

PAID BY CHEQUE 341



# YUKON U-CART CONCRETE & TOOL RENTAL LTD.

CONCRETE SYSTEMS TOOL RENTALS LTD.  
A DIVISION OF FRE FLO CONCRETE SYSTEMS LTD.

918 3A ALASKA HIWAY  
WHITEHORSE, YUKON  
BOX 5240

## RENTAL AGREEMENT

CASH  CHARGES  CHEQUE

RENTED TO Rebel Development LTD

DATE OUT \_\_\_\_\_

AND \_\_\_\_\_

TIME OUT \_\_\_\_\_

MAILING ADDRESS 3-425 Howl Street  
Vancouver B.C.

TIME IN \_\_\_\_\_

DEL. OR JOB ADDRESS \_\_\_\_\_

TOTAL TIME OUT \_\_\_\_\_

DRIVER'S LICENSE \_\_\_\_\_

AMT OF DEPOSIT \$ \_\_\_\_\_

VEHICLE LICENSE \_\_\_\_\_

TOTAL CHARGES \$ \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_ OTHER \_\_\_\_\_

REFUND \$ \_\_\_\_\_

P.O. No. \_\_\_\_\_ RES. \_\_\_\_\_

CASH PAYMENT \$ \_\_\_\_\_

### TO BE RETURNED AT

ITEM RENTED	Equip. No.	TO BE RETURNED AT					WEEK	MONTH	AMOUNT
		HOUR	Min. Charge.	8 HRS.	24 HRS.				
<u>2 Way Radio</u>							<u>1</u>	<u>50.00</u>	
<u>Crew cab</u>						<u>1</u>		<u>183.00</u>	
<u>Milage 650 mile</u>								<u>169.00</u>	
<u>at 26¢ per mile</u>									
<b>TOTAL RENTAL</b>								<u>169.00</u>	

### MATERIALS

OUT	RETURN	USED	DESCRIPTION	PRICE EACH	AMOUNT
			<u>NO 27669</u>		<u>15.00</u>
			<u>025146</u>		<u>3.25</u>
			<u>Received By # 359</u>		

A. Arreault  
Renter's Signature

THIS CONTRACT IS NUL & VOID  
AFTER 30 DAYS FROM RECEIPT

TOTAL SALES	
SALES TAX	
TOTAL RENTAL	
PICK-UP	
DELIVERY	
TOTAL CHARGES	<u>187.25</u>

THE FOLLOWING IS MADE A CONDITION OF THIS RENTAL  
The undersigned (hereinafter referred to as "Renter") hereby assumes all responsibility for any and all damages or loss to said equipment; and agrees to pay the full cost of all repairs if it is in any way rendered out of service, whether this occurred through accident, neglect or misuse. In case of loss or destruction of equipment or loss of possession thereof or inability to return same to Yukon U-Cart Concrete & Tool Rental Ltd. the complete and full value of equipment in cash. The renter agrees to compensate Yukon U-Cart Concrete & Tool Rental Ltd. for the amount of above stated rental rates for each day or week consumed while equipment is in the process of recovery or repair.

The renter declares to have examined the hitch, safety chain and all connections of said rented equipment to motor vehicle and to have received it in a secure condition.

The renter hereby absolves Yukon U-Cart Concrete & Tool Rental Ltd. and its owner of any responsibility or obligation in the event of accident, regardless of causes or consequences, and that any costs, claims, court or attorney's fees or liability resulting from the use of described equipment will be indemnified by the renter regardless against whom the claimant or claimants institute action.

The renter agrees that all charges for rental will be paid in advance or immediately upon return of above described equipment and that all collection fees, attorney fees, court costs or any other expense involved in the collection of rental charges will be borne by the renter.

The renter further agrees that Yukon U-Cart Concrete & Tool Rental Ltd. may terminate this rental agreement at any time and demand return of above rented equipment and payment in full of all rentals owing in which case the renter agrees to return said equipment and pay said rentals in full.

A Days Rental is any time from 8:00 a.m. to 5:00 p.m. - 1:00 p.m. to 8:00 a.m. - 5:00 p.m. to 12:00 p.m. and the Renter is therefore responsible for any additional rent beyond time specified above. The above rental rate will be charged from the time equipment leaves our premises until it is returned to same.

Renter will pay cleaning charges on rental equipment returned unclean.  
**CLEAN RETURNS SAVE MONEY**      **EQUIPMENT NOT RETURNED UPON REQUEST WILL BE CONSIDERED THEFT**

The renter warrants the above information to be correct and hereby agrees to the conditions printed elsewhere on this agreement.

**PLEASE TAKE NOTE:**  
RENTAL WILL BE CHARGED FROM THE TIME EQUIPMENT LEAVES OUR PREMISES UNTIL IT IS RETURNED TO SAME. SUN DAYS ARE CHARGED AS RENTAL DAYS IN CASE OF FAILURE OF THE EQUIPMENT NOTIFY US IMMEDIATELY. NO ADJUSTMENT OF ANY KIND WILL BE MADE UNLESS ABOVE IS COMPLIED WITH.  
THERE ARE NO WARRANTIES OR MERCHANTABILITY OR FITNESS EITHER EXPRESSED OR IMPLIED WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

RENT - IT'S CHEAPER - CALL US FOR RATES...

YUKON U CART CONCRETE SYSTEM  
& TOOL RENTALS LTD.  
P.O. 5240  
WHITEHORSE YUKON

STATEMENT OF ACCOUNT

November 5, 1979

Rebel Developments Ltd.  
3-425 Howe St.  
Vancouver, B.C.

TO: Invoice you for telephone charges as per attached receipts;

668-4320, October 5	\$ 139.88	
SQ 718 , October 5	<u>119.88</u>	
	\$ 259.74	
plus 15%	<u>38.96</u>	\$ 298.70

*Paid Nov. 20/79  
RDL # 385*

Northwestel  
 Y.T. OCT 05, 1979

Return this stub with your payment to  
 le payer ce coupon avec le paiement à  
 BOX 37, EDMONTON, ALTA.

Previous Balance  
 120.38

Systems  
 Elements

Service  
 Frais  
 12.40

Monthly  
 3.50

123.38

120.38

Subscriber Nbr  
 668-4320  
 OCT 05 780515

Monthly Total  
 139.86

250.24

Amount  
 to pay

YUKON-U-CART CONCRETE  
 TOOL RENTAL LTD  
 BOX 5240  
 WHITEHORSE Y.T. Y1A 3S8

YUKON-U-CART CONCRETE  
 TOOL RENTAL LTD  
 BOX 5240  
 WHITEHORSE Y.T. Y1A3S8

Account due when rendered  
 Compté payable à présentation

Northwestel

Northwestel

YUKON-U-CART CONCRETE

Statement of charges  
 Relevé des frais  
 OCT 05, 1979 PAGE 1

668-4320 668-4320

Number	Location	Phone No.	Code	Service	Rate	Charges	Total
0509	VANCOUVER BC	604-684-5433	*K	SV11092654	2		1.90
0509	S S MARIE ON	705-253-2409	11	SV11092182	8		12.50
0509	WVANCOUVERBC	604-926-0679	*S	SV11094632	11	10.45 2.61	7.84
0609	WVANCOUVERBC	604-926-0679	*S	SV12074165	3	2.85 .71	2.14
0609	SWIFT RIV YT	403-851-6491	*S	SV12074239	1	.40 .10	.30
0709	VANCOUVER BC	604-669-2123	*F	SV12074671	7	6.65 3.33	3.32
0709	VANCOUVER BC	604-669-2123	*K	SV12077586	2		1.90
0709	WHITEHS YT	403-667-6434	2K	SV12061207	2		1.15
	FRONTESLIA YT	403-390-0321					
1009	WVANCOUVERBC	604-926-0679	*S	SV13073981	7	6.65 1.66	4.99
1009	WVANCOUVERBC	604-926-0679	*S	SV13074003	1	.95 .24	.71
1009	VANCOUVER BC	604-684-5433	*S	SV13074059	8	7.60 1.90	5.70
1109	VANCOUVER BC	604-669-2123	*F	SV13079116	3	2.85 1.43	1.42
1309	WVANCOUVERBC	604-926-1338	*F	SV18051708	1		.95

Northwestel

YUKON-U-CART CONCRETE

Statement of charges  
 Relevé des frais  
 OCT 05, 1979 PAGE 2

668-4320 668-4320

1309	VANCOUVER BC	604-687-9931	*K	SV18051922	6		5.70
2809	WHITEHS YT	403-667-718	9L	SW02060226	4		.75
2809	VANCOUVER BC	604-684-5433	*K	SW04027401	8		7.60
2809	WVANCOUVERBC	604-926-0679	*S	SW04033491	35	33.25 8.31	24.98
3009	WVANCOUVERBC	604-926-0679	*S	SW04039842	7	6.65 1.66	4.99
0110	WVANCOUVERBC	604-926-0679	*K	SW04041119	1		.95
0210	WVANCOUVERBC	604-922-1291	*K	SW06030219	3		2.85
0210	VANCOUVER BC	604-684-5433	*F	SW06030370	14		13.30
0210	VANCOUVER BC	604-669-2123	*K	SW06030398	2		1.90
0210	VANCOUVER BC	604-682-8242	*K	SW06030651	17		16.15
					TAX		
					- TOTAL INCL TAX		123.96

Previous Balance  
 Subsequent

119.88

119.88

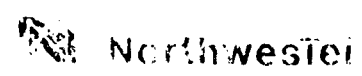
119.88

119.88

ARSENAULT ARMAND  
 BOX 5240  
 WHITEHORSE Y1A 4A53

ARSENAULT ARMAND  
 BOX 5240  
 WHITEHORSE Y1A 4A53

Account of Wholesaler  
 Comptes Payables



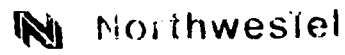
Statement of charges  
 Relevé des frais

ARSENAULT ARMAND

OCT 05, 1979 PAGE 1

SO -0718 SO -0718

0909	VANCOUVER BC	604-684-5433	9T	NV11000700	4	5.95
	FROM WHITEHSYT					
0909	SWIFT RIV Y1	403-851-6491	9T	NV11000806	1	2.25
	FROM WHITEHSYT					
1209	WHITEHS Y1	403-667-6434	9L	NV17070486	23	1.90
	FROM WHITEHSYT					
1409	WHITEHS Y1	403-667-6434	9C	NV18120003	1	.70
	FROM WHITEHSYT					
1409	VANCOUVER BC	604-684-5433	9L	NV18120006	1	5.00
	FROM WHITEHSYT					
1409	VANCOUVER BC	604-684-5433	9T	NV18120003	5	6.90
	FROM WHITEHSYT					
1409	WHITEHS Y1	403-667-6434	9L	NV18120006	5	.82
	FROM WHITEHSYT					



Statement of charges  
 Relevé des frais

ARSENAULT ARMAND

OCT 05, 1979 PAGE 2

SO -0718 SO -0718

1609	FUCSON AZ	602-623-3927	9T	NV18120038	9	13.00
	FROM WHITEHSYT					
1609	NOVANCOUVER BC	604-985-3303	9T	NV18120039	7	8.80
	FROM WHITEHSYT					
1709	WHITEHS Y1	403-667-6434	9T	NV19050261	14	1.36
	FROM WHITEHSYT					
1709	WHITEHS Y1	403-667-6434	9T	NV19050241	10	1.12
	FROM WHITEHSYT					
1709	WHITEHS Y1	403-667-6434	9L	NV19050246	1	.70
	FROM WHITEHSYT					
2309	WHITEHS Y1	403-667-6215	9T	NV25080835	1	.70
	FROM WHITEHSYT					
2309	NOVANCOUVER BC	604-985-3303	9T	NV25080836	1	5.00
	FROM WHITEHSYT					

**NorthwestTel**

ARSENAULT

ARMAND

Statement of charges  
Relevé des frais  
OCT 05, 1979 PAGE 1

SO -0718 SQ -0718

Day	To	From	Area	Rate	Time	Amount
2409	WHITEHS YT	403-667-6134	9L	MV27050032	0	1.06
	FROMWHITEHSYT					
109	WHITEHS YT	403-667-6215	9T	MV27050063	6	.88
	FROMWHITEHSYT					
2409	NOVANCOUVRBC	604-985-3303	9T	MV27050114	5	6.90
	FROMWHITEHSYT					
2509	WHITEHS YT	403-667-6434	9L	MV27060050	5	.82
	FROMWHITEHSYT					
2509	WHITEHS YT	403-667-6434	9L	MV27060050	3	.70
	FROMWHITEHSYT					
2509	VANCOUVER BC	604-736-6880	9L	MV27060052	3	5.00
	FROMWHITEHSYT					
2509	SAFFORD AZ	602-428-4157	9L	MV27060053	8	15.70
	FROMWHITEHSYT					

**NorthwestTel**

ARSENAULT

ARMAND

Statement of charges  
Relevé des frais  
OCT 05, 1979 PAGE 2

SO -0718 SQ -0718

Day	To	From	Area	Rate	Time	Amount
2509	WHITEHS YT	403-667-6215	9T	MV27060044	3	.70
	FROMWHITEHSYT					
2509	NOVANCOUVRBC	604-985-3303	9T	MV27060105	6	7.85
	FROMWHITEHSYT					
2609	WHITEHS YT	403-667-6434	9L	MV28070064	14	1.36
	FROMWHITEHSYT					
2709	ANDREW AB	403-365-2442	9C	MW01070262	6	7.85
	FROMWHITEHSYT					
2709	WHITEHS YT	403-667-6434	9L	MW01070261	17	1.54
	FROMWHITEHSYT					
2709	WHITEHS YT	403-667-6434	9L	MW01070266	4	.76
	FROMWHITEHSYT					
2809	WHITEHS YT	403-667-6434	9L	MW02060218	3	.70
	FROMWHITEHSYT					

**NorthwestTel**

ARSENAULT

ARMAND

Statement of charges  
Relevé des frais  
OCT 05, 1979 PAGE 3

SO -0718 SQ -0718

Day	To	From	Area	Rate	Time	Amount
1809	WHITEHS YT	403-667-4320	9T	MW02060202	4	.76
	FROMWHITEHSYT					
2909	WHITEHS YT	403-667-6434	9L	MW02060528	4	.76
	FROMWHITEHSYT					
3009	WHITEHS YT	403-667-6215	9T	MW02060638	3	.70
	FROMWHITEHSYT					
1009	NOVANCOUVRBC	604-985-3303	9T	MW02060686	2	5.00
	FROMWHITEHSYT					
0110	WHITEHS YT	403-667-6434	9L	MW03080060	3	.70
	FROMWHITEHSYT					
0310	WHITEHS YT	403-667-3391	9C	MW05040047	7	.94
	FROMWHITEHSYT					
310	VANCOUVER BC	604-684-5133	9L	MW05040066	1	5.00
	FROMWHITEHSYT					

ARSENault

ARMA

SO -0718

SO -0718

Min	Location	Locaire	Nbr de minutes	Code	- TOTAL INCL TAX	Amount
						119.00

See reverse side for details. Codes en verso



# Diamond Drill Record

COLLAR: _____	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
_____	_____	_____	_____
ELEVATION _____	_____	_____	_____
LOGGED BY _____	_____	_____	_____
DATE LOGGED _____	_____	_____	_____
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
663	668/6		Light biotite, muscovite quartz schist, pyrite 1%. Carbonate, quartz epidote veins parallel to schistosity and 10° off core axis.										
668/6	676		Varying dark actinolitic carboniferous pyrite (2-3%) rich gneiss. 673' - Fold closure of above with chlorite-biotite gneiss of AB (P.F. Lewis) with related pyrite in Dm. Pyrite concentration appears to be lithologically controlled rather than structurally.										
676	685		Light grey-green gneiss (chlorite, quartz, grey muscovite) epidote, carbonate quartz vein, pyrite <1%.										
685	698		Impure carbonaceous schist. Minor crystalline CaCO <sub>3</sub> bands (marble?). Coarse biotite chlorite books form knots in schistose sections. Quartz porphyroblasts ~1cm.										
698	714		Dark greenstone, pyrite, pyrrhotite, chalcopyrite, quartz veins. 793-796' - Marbled quartz chlorite gneiss. 700-708' - Massive pyrrhotite and pyrite, trace chalcopyrite.										

8022

# Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
438	567	(cont.)	544-547' - QFP.										
			547-551' - Quartzite with quartz stringers.										
			2" dark biotite schist in middle.										
			551-557' - QFP.										
			557-558' - Quartzite.										
			558-567' - QFP.										
567	652		Quartzite.										
			601' - 2" of 1% MoS <sub>2</sub> in pyritiferous quartz vein.										
			Increasing pyrite up to >1% in decreasing silicification.										
			Increasing gneissic texture and mafic biotite, chlorite,										
			serpentine, decreased epidote.										
			Schistosity at 80° to core axis.										
			626' - 2" QFP, 3% pyrite at contacts with silicification.										
			645' - 1" band of actinolite bearing dark pyritiferous Dc (P.F. Lewis)										
			in fold nose. Heavy carbonate on either side of fold flanks.										
652	663		Quartz veined carbonate actinolite Dm. Epidote vein at 665'										
			with very minor chalcopyrite.										
			666-667' - Coarse quartz, carbonate, actinolite vein. Pyrite 3%.										

R22

# Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. R-2-79  
 CLAIM NAME/No. Arsenault 3  
 COMMENCED \_\_\_\_\_  
 FINISHED \_\_\_\_\_  
 PROJECT NO. \_\_\_\_\_

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
1207	1228	(cont.)	1212-1214' - Mottled quartz porphyroblastic gneiss (silicified). 1214-1218' - Schistose biotite fold hinge. 10% pyrite in fold structure. 1222-1227' - Mottled silicified quartz porphyroblastic gneiss.										
1228	1258		Dark grey-green silicified metasediments, fine grained pyrite varying to 1%. Small gneissic bands. 1233' - 6" band pyrite 5% in greenstone 1234' - " " " "										
1258	1269		Gneissic grey porphyry QFP and mottled gneissic band. 1258' - 6" pyrite, chalcopyrite 10% in carbonaceous band.										
1269	1282		Actinolitic sequence black marbled quartz rich gneiss into carbonate and silicified quartz porphyroblastic gneiss. 1274 -1282' - Dark pyrite, pyrrhotite, 30% greenstone Dm; chalcopyrite trace in carbonate vein.										
1282	1297		Epidote, actinolite, recrystalline and skarn with pyrite,										

8022

# Diamond Drill Record

COLLAR: _____	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD _____		

COMPANY NAME \_\_\_\_\_

PROPERTY NAME \_\_\_\_\_

DRILLING CONTRACTOR \_\_\_\_\_

ASSAYER \_\_\_\_\_

PURPOSE OF HOLE \_\_\_\_\_

HOLE NO.	R-2-79
CLAIM NAME/No.	Arsenault 3
COMMENCED	_____
FINISHED	_____
PROJECT NO.	_____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO	Cu %	Au oz/ton	Ag oz/ton	Mo %		
1103	1121		Coarse grey gneiss; pyrite <1%. Veins and fractures at 10° and parallel to foliation at 50°.										
1121	1136/6		Highly silicified blue-grey quartzite gneiss. Pyrite 1% parallel to foliation.										
1136/6	1153		Massive medium grained quartz muscovite gneiss. Pyrite <1%.										
1153	1207		Coarse grained gneissic massive QFP; contact and intrusive phases. Occasional silicified gneissic bands.										
			1166 -1168' - Pyrite, chalcopyrite, chloritic vein parallel to core axis.	1166	1168	2'	25737	0.14	Tr	Tr	0.001		
			1179 - 1184' - Gneissic quartzite; silicified.										
			1190' - Fractured and veined quartz epidote. Pyrite 10%. Increasing marbled quartzite gneiss with pyritic to 1207'; contact phase.										
1207	1228		Silicified green-grey quartzite gneiss into marbled and more schistose D; decreased pyrite.										

# Diamond Drill Record

COLLAR: <u>85E, 80N</u>	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
	0'		90°
ELEVATION <u>4300'</u>	300'		90°
LOGGED BY <u>G. Hawkins</u>	500'	~ 0 (?)	82°
DATE LOGGED <u>Sept. 23/79</u>	868		79.5°
MAP REFERENCE NO.	1343		73.5°
	1460		67.7°

COMPANY NAME Rebel Developments Ltd.  
 PROPERTY NAME Arsenault Claims  
 DRILLING CONTRACTOR Arctic Diamond Drilling Ltd.  
 ASSAYER Yukon Assay Office/Bondar-Clegg & Co. Ltd.  
 PURPOSE OF HOLE Test fold zone for sulphides

HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED <u>Sept. 15, 1979</u>
FINISHED <u>Oct. 3, 1979</u>
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
0	231	20%	Overburden - mixed angular fragments in mud, sand matrix.										
231	254	95%	Highly decomposed muddy biotite, quartz chlorite, tremolite schist. Schistosity at 70° to core axis. Minor limonite staining. 251-254' - more solidified bedrock, increased chlorite biotite.										
254	265	100%	White massive quartzite with hematite limonite disseminated staining. Less bleached towards bottom. Giving dioritized appearance.										
265	278		Highly decomposed biotite schist at 80° to core axis.										
278	279		Competent silicified "greenstone". Epidote chlorite flooded. Remnant bedding planes at 10° to core axis.										
279	280	99%	Biotite schist, decomposed.										
280	281		Silicified "greenstone".										

8022

# Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO	Cu %	Au oz/ton	Ag oz/ton	Ni %	Sn %	Zn %
1047	1057		Greenstone massive sulphides	1047	1050	3'	25735	0.28	Tr	0.01	0.01	Tr	
			1047-1048' - Highly brecciated, veined quartzite with pyrite, chalcopyrite.	Re-run			"	0.25	0.002				<0.01
			Pyrrhotite 50%, pyrite 10%, chalcopyrite 1%.	1050	1055	5'	25736	0.34	Tr	0.06	0.01	Tr	
			1049-1051' - Porphyritic diabase dyke(?). Decreased pyrrhotite but good chalcopyrite in veins. Minor epidote contact at 10° to core axis.	Re-run			"	0.31	0.002				<0.01
			1054-1055' - Best chalcopyrite mineralization in fold crest, other sulphides appear to align near to core axis.										
			1055-1057' - Porphyritic diabase dyke (6") and breccia zone.										
1057	1066		Disseminated pyrite in silicified metasediment quartzite(?).										
1066	1071		QFP silicified minor pyrite epidote veins.										
1071	1077		Gneissic to massive QFP contact remelt zone(?).										
1085	1103		Highly siliceous gneissic quartzite. Pyrite <1% up to 3%. Fold hinge section from 80° to vertical to 60° at 1085'.										

8022

# Diamond Drill Record

COLLAR: _____	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME \_\_\_\_\_

PROPERTY NAME \_\_\_\_\_

DRILLING CONTRACTOR \_\_\_\_\_

ASSAYER \_\_\_\_\_

PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS							
				FROM	TO	WIDTH	NO	Cu % oz/ton	Au oz/ton	Ag oz/ton	Ni %	Sn %	Zn %		
991	994		Fresh massive QFP.												
994	997		Contact zone brecciated "greenstone". Pyrite, pyrrhotite, chalcopyrite; 10%, 5%, <1%.												
997	1003		"Marbled" quartz breccia gneiss. Pyrite 1%, quartzose.												
1003	1007		QFP fresh, minor silicification. Pyrite <1%.												
1007	1033		Silicified quartzite gneiss. 1008-1110' - serpentized brecciated quartz veins. Pyrite 3%, chalcopyrite trace. Occasional coarse porphyroblasts of serpentine. Epidote fault gouge contact.												
1033	1043		Massive greenstone sulphides. Pyrrhotite, pyrite, chalcopyrite; 80%, 1%, 1%. Quartz veinlets carry best chalcopyrite.	1033	1038	5'	25733	0.33	Tr	0.04	0.01	Tr			
				Re-run			"	0.29	0.003					<0.01	
				1038	1043	5'	25734	0.25	Tr	0.04	Tr	Tr			
1043	1047		Silicified, quartzite gneiss.	Re-run			"	0.23	0.004					<0.01	

822

# Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. R-2-79  
 CLAIM NAME/No. Arsenault 3  
 COMMENCED \_\_\_\_\_  
 FINISHED \_\_\_\_\_  
 PROJECT NO. \_\_\_\_\_

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
915	923		Silicified grey-green biotite chlorite gneiss. 920-921' - 2" dyke and contact phases with pyrite, chalcopyrite.										
923	965		Serpenterized, silicified, quartz, epidote veined gneiss. Coarse serpentine quartz veins with pyrite <1%, trace chalcopyrite. Brecciation at 15° off core axis.										
965	970		Greenstone, pyrite, pyrrhotite, chalcopyrite, 10%, 5%, <1%.										
970	979		Grey-green actinolitic quartzite. Brecciated. 970' - quartz serpentine chalcopyrite vein 2". 975' - breccia shear zone(?). Very fine grained blue to grey dissemination pyrrhotite, hematite, bornite(?).										
979	982		Grey-green actinolitic quartzite.										
982	991		Fine grained "greenstone" pyrite (chalcopyrite) 2%, <0.8%, increasing silicification.										

8022



# Diamond Drill Record

COLLAR:	HOLE SURVEY		
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MAP REFERENCE NO.	METHOD:		

COMPANY NAME \_\_\_\_\_  
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HOLE NO. R-2-79  
 CLAIM NAME/No. Arsenault 3  
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu %	Au oz/ton				
838	855	(cont.)	coarse pyrrhotite. Minor carbonate veins in silicified QFP are mineralized with chalcopyrite but not pyrrhotite.										
855	861		Coarse grained gneissic metasediment. Coarse pyrrhotite vein at 856 <sup>o</sup> ; disseminated pyrite 1%.										
855	861												
861	868		Fine grained green-grey gneiss; carbonate veins with chalcopyrite, pyrite.										
868	884		QFP, fractured and quartz veined with accompanying sparse pyrite, chalcopyrite mineralization at 868-870', 873', 877/6-879/6' - fault breccia with (chalcopyrite) pyrite, (2%), 10%.	866	871	5'	25743	0.22	0.002				
884	915		Contact zone with silicified metasediments, quartzite(?). Pyrite 20%, chalcopyrite 3% for 1' at contact. 907/6' - 6" QFP siliceous dark grey. 909-912' - 6" QFP siliceous dark grey. Associated pyrite, chalcopyrite mineralization at contacts. 914-915' - QFP.										

# Diamond Drill Record

COLLAR:	HOLE SURVEY		
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ELEVATION			
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DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
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 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. R-2-79  
 CLAIM NAME/No. Arsenault 3  
 COMMENCED \_\_\_\_\_  
 FINISHED \_\_\_\_\_  
 PROJECT NO. \_\_\_\_\_

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS							
				FROM	TO	WIDTH	NO.	Cu %	Au oz/ton	Ag oz/ton	Ni %	Sn %	Zn %		
806	815		Increased pink marbled quartz gneiss to 811'. Near vertical beds of pyrrhotite, chalcopryrite up to 0.75%, 6" probable fold hinge with Dm core; greyish crystalline marble sections.												
815	820		Quartz porphyroblastic, biotite, actinolite, epidote, schist.												
820	822		Light grey crystalline marble.												
822	827		Grey-green biotite, actinolite gneiss. Pyrite <1%, grading into marbled quartz gneiss.												
827	838		Medium grained biotite quartz muscovite grey-green actinolite schist. Pyrrhotite 1%.												
838	855		Dm marbled mixture; pyrite, pyrrhotite, chalcopryrite. 20% dark sulphide Dm bands 854', 845-855', 852-855' - QFP dyke. Dyke appears to recrystallize banded chalcopryrite pyrrhotite to coarse crystalline. Dyke itself is fractured and filled with	845	850	5'	25731	0.75	Tr	0.12	Tr	Tr			
				Re-run			"	0.69	0.010					<0.01	
				850	854/6	4'6"	25732	0.19	Tr	0.04	0.01	Tr			
				Re-run			"	0.16	0.004					<0.01	

8022

# Diamond Drill Record

COLLAR: _____	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME \_\_\_\_\_

PROPERTY NAME \_\_\_\_\_

DRILLING CONTRACTOR \_\_\_\_\_

ASSAYER \_\_\_\_\_

PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO						
698	714	(cont.)	Marbled pink-green chalcopryite black marble (?)										
714	731		Biotite muscovite actinolite schist with quartz porphyroblasts. Grades into more leucocratic muscovite variety. Pyrite (pyrrhotite; chalcopryite tr.) 1% -2%.										
731	758		Marbled more quartzose gneiss with minor actinolite, carbonate pyrite, chalcopryite veins and 1% pyrite disseminated. 743-744' Dm pyrite 5%. (743-753 mismatch ) 743-753' - variable quartz and light marble bands.										
758	770		Grandational change into actinolite biotite feldspar, quartz porphyry schist, pyrite 1%. 764-765' - QFP dyke.										
770	778		Marbled quartzose gneiss muscovite										
778	806		Biotite muscovite, actinolite, quartz porphyry schist. Pyrite 1%. 781' - coarse actinolite, calcite, epidote vein. Very minor chalcopryite.										

8022

# Diamond Drill Record

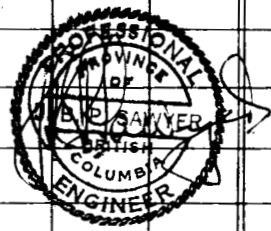
COLLAR:   ELEVATION _____ LOGGED BY _____ DATE LOGGED _____ MAP REFERENCE NO. _____	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
	METHOD: _____		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. R-2-79  
 CLAIM NAME/No. Arsenault 3  
 COMMENCED \_\_\_\_\_  
 FINISHED \_\_\_\_\_  
 PROJECT NO. \_\_\_\_\_

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO						
1393	1460		Massive dark grey silicic metasediments.										
End of Hole			1412' - increasing silicification. Coarse grained.										
			1416' - foliation parallel to core axis, chloritic foliation, pyrite 1%.										
			Into biotite, chlorite porphyroblasts in fine grained gneiss.										
			1425' - back to massive grey silicic gneiss.										
			1436' - small chalcopryrite vein.										
			1460' - increasing silica, MoS <sub>2</sub> vein.										

8022



*J. B. P. Sawyer, P. Eng.*

# Diamond Drill Record

COLLAR: _____	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED _____
FINISHED _____
PROJECT NO _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			
				FROM	TO	WIDTH	NO				
1282	1297	(cont.)	mixed greenstone. Porphyry diabase dyke at 1291-1292'. Heavy epidote and other skarn minerals.								
1297	1325		Heavy silicification and white quartzite into grey gneissic with foliation at 70°. Mixed heavy quartz (quartzite) bands.								
1325	1328		Heavy silicification and white quartzite into grey gneissic with foliation at 20°. Mixed heavy quartz (quartzite) bands.								
1328	1338		Coarse grey-blue quartz porphyroblastic gneiss (pyrite 1%) - massive.								
1338	1393		Coarse grey-blue quartz porphyroblastic gneiss (pyrite 1%) - massive. 1367-1370' - heavy white quartzite band with epidote, actinolite secondary.								

8022

# Diamond Drill Record

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MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
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 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. R-2-79  
 CLAIM NAME/No. Arsenault 3  
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO						
281	300		Varying silicification in biotite schist. All decomposed with very minor pyrite. Some hematite staining.										
300	318		Schistose white-grey/green quartzite with rusty muddy fracture filling. There appear to be a number of fold closures within the quartzite unit, i. e. at 313'. Increase light green coloration chlorite(?) and vugginess (316'). Surface leaching and oxidation.										
318	324	20%	Rotten biotite schist.										
324	333	100%	Gneissic biotite quartzite. 330' - fold closure. More massive quartzite towards bottom.										
333	336	100%	Fine grained quartz biotite muscovite gneiss - grey when fresh; weathers to brown in leached zones.										

OR

# Diamond Drill Record

COLLAR:	HOLE SURVEY		
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COMPANY NAME \_\_\_\_\_  
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HOLE NO R-2-79  
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO						
336	364	100%	White - grey massive quartzite. Occasional impure zones of acicular radiating crystals, idocrase(?), carbonate, epidote and bands of chlorite biotite. Minor rust coloration in mafic bands. 351' - 1" quartz vein. Increase in mafics towards bottom. 361/6-362' - biotite schist zone.										
364	378		Silicified, fine grained grey, biotite grossularite garnet, schist. Very minor pyrite. 373-376' - quartz veining with pyrite, chlorite and black metallic mineral(?).										
378	386		Quartz feldspar porphyry dyke - probable source of silicification. 386/6' - quartz veins and bleaching with epidote serpentine fractures, minor pyrite.										
386	390		Quartzite, minor quartz veins and hematite after pyrite(?).										
390	394		Black, carbonaceous, graphitic schist.										

*022*

# Diamond Drill Record

COLLAR:	HOLE SURVEY		
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COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
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 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED _____
FINISHED _____
PROJECT NO _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
390	394 (cont.)		392' - quartz veining, minor pyrite.										
394	400		Silicified "greenstone" gneiss.										
400	402		Black carbonaceous schist.										
402	410		Silicified "greenstone" gneiss.										
410	418		415-416' - minor gneissic "greenstone" interband. Massive silicified quartz feldspar porphyry dyke.										
418	422		Quartz, chlorite, sericite schist, grey banded with up to 2% pyrite. Evidence of isoclinal folding. Serpentinized in some zones talc(?). Minor carbonate veining with pyrite.										
422	424		Quartz feldspar porphyry. Massive dolerite dyke with silicification, bleaching at bottom.										

8022



# Diamond Drill Record

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ELEVATION			
LOGGED BY			
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MAP REFERENCE NO.	METHOD		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
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 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO						
422	424	(cont.)	Very minor pyrite.										
424	438		Continuing metasediment gneiss. Black "marbled" to grey-green, talc, sericite, quartz, biotite with minor pyrite. Occasional fracture at 30° to core axis with pyrite on face.										
			427-427/6' - Brecciated fault zone at 20°. Pyrite with quartz carbonate veining.										
438	567		Interbanded quartz feldspar porphyry dykes (QFP) and silicified meta quartzites and schist.										
			438-439' - QFP.										
			439-439/6' - Muscovite, chlorite schist.										
			439/6-442' - QFP.										
			442-443' - Silicified fine grained gneiss.										
			443-443/6' - QFP.										
			443/6-445' - Gneiss as above.										
			445-447' - QFP with one pyrite, epidote, quartz vein at 10°.										
			447-447/6' - Muscovite schist.										
			447/6-449' - Gneiss, pyrite <1%.										
			449-450' - QFP.										

8022

# Diamond Drill Record

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COMPANY NAME \_\_\_\_\_  
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HOLE NO. R-2-79  
 CLAIM NAME/No. Arsenault 3  
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 PROJECT NO. \_\_\_\_\_

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO						
438	567	(cont.)	450-451' - Gneiss, pyrite <1%.										
			451-451/6' - QFP.										
			451/6-453' - Gneiss pyrite <1%.										
			453-453/6' - Muscovite schist.										
			453/6-455' - Gneiss pyrite <1%.										
			455'-458' - Black marbled quartz gneiss.										
			458-461' - White siliceous gneiss.										
			461-461/6' - QFP.										
			461/6-465' - Green gneiss pyrite 3%.										
			465-466' - Silicified, epidote QFP.										
			466-469' - Gneiss.										
			469-473' - Quartz vein into QFP. Limonitic vuggs, epidote.										
			473-475' - Gneissic "greenstone".										
			475-476' - Bleached, silicified, epidote QFP.										
			476-477/6' - Silicified gneiss, pyrite 2%.										
			477/6-478/6' - QFP.										
			478/6-479' - Dark grey gneiss.										
			479-479/6' - QFP.										
			479/6-481' - Gneiss.										
			481-483' - QFP, epidote.										

8022

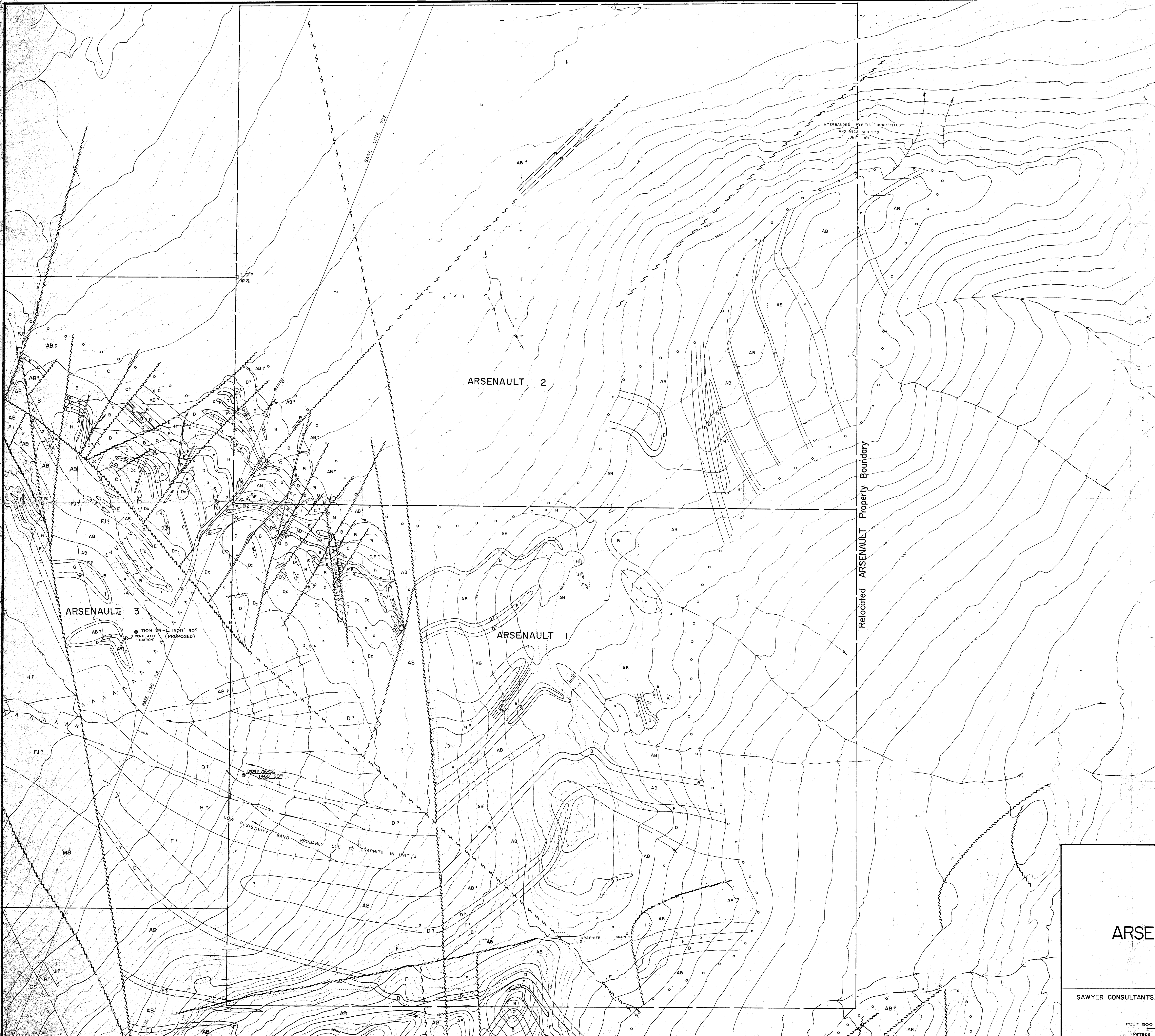
# Diamond Drill Record

COLLAR:	HOLE SURVEY		
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ELEVATION			
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HOLE NO. <u>R-2-79</u>
CLAIM NAME/No. <u>Arsenault 3</u>
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
438	567	(cont.)	483-485/6' - Gneiss, pyrite 1%.										
			485/6-487/6' - QFP.										
			487/6-500' - Silicified gneiss, pyrite <1%, grading into massive green quartzite.										
			500-507' - QFP, grey metallic vein (specularite?) with epidote at 10°.										
			507-508/6' - Rear vertical contact with biotite, talc, chlorite schist.										
			508/6-509' - QFP.										
			509-510' - Biotite, talc, chlorite schists, pyrite <1%, minor quartz veining.										
			510-511' - Quartzite.										
			511-516' - QFP, minor silicified quartzite bands.										
			516-521' - talcose, muscovite schist. Carbonate veins at 10°.										
			521-524' - QFP.										
			524-530' - Quartzite.										
			530-535' - QFP, minor silicified quartzite bands.										
			535-543' - Massive buff quartzite with high angle fractures and veining.										
			543-544' - Vertical fold closure, contact with pyrite 2% in black schist.										



**KEY**

R	QUARTZ - FELDSPAR PORPHYRY (RHODACITIC)	JURASSIC (SOME UNIT R IS PRE - TRIASSIC)
Q	FELDSPAR PORPHYRY (ANDESITIC)	
P	LAMPROPHYRE, DOLERITE	
L	PORPHYRITIC (ORTHOCLASE) GRANODIORITE	
J	GRAPHITIC CALCAREOUS MICA SCHIST	UNIT FJ CALCAREOUS
H	GREY TO BLACK MARBLE, MINOR SCHIST STRINGERS	
G	BUFF MARBLE	UNIT MB NON CALCAREOUS
F	BUFF MARBLE INTERBANDS WITH SCHIST, QUARTZITE, ETC.	
E	MICACEOUS, PYRITIC QUARTZITE, BIOTITE - MUSCOVITE SCHIST	DEVONO
D	MESO TO MELANOCRATIC ACTINOLITE - BEARING ROCKS	
Dc	LEUCORATIC ACTINOLITE - BEARING ROCKS	UNIT AB, INTERBANDS ROCKS DIACHRONOUS WITH UNIT M ?
C	CHLORITE - BIOTITE - MUSCOVITE SCHIST	
B	QUARTZITE	UNIT M
A	GARNET MICA SCHIST	
M	META DIORITE, META BASALT	

.....	LIMIT OF INFERENCE
AAAAA	BOUNDARY BETWEEN DIFFERENTIATED AND UNDIFFERENTIATED SEQUENCES
---	GEOLOGICAL BOUNDARY, OBSERVED, INFERRED
~~~~~	AIR PHOTO LINEAR
x	SMALL OUTCROP, FELSENMEER SAMPLE
○	OUTCROP
T	TRENCH LOCATION

TO ACCOMPANY REPORT  
BY J.B.P. SAWYER, P. ENG.  
DATED 10/26/1979

REBEL DEVELOPMENTS LTD. MINERAL RESOURCES BRANCH  
**GEOLOGY** **8022**  
ARSENAULT CLAIMS COPPER PROSPECT  
JENNINGS RIVER AREA, B.C.  
from GEOLOGY BY P. F. LEWIS - 1971  
(for Bolivar Mining Corp.)

SAWYER CONSULTANTS INC. DATE OCT. 1979  
MAP No. 1

SCALE  
FEET 500 250 0 500 1000 1500 2000 2500 3000  
METRES 100 0 100 200 300 400 500 600 700 800 METRES