



SAWYER CONSULTANTS INC.

81-#555
-9639

REPORT ON THE DIAMOND DRILLING PROGRAM
BLACK PANTHER VEINS TO MARCH 1981
WITH RECOMMENDATIONS FOR THE
JAN-MAR-REMY CLAIMS FOR THE 1981 SEASON

Mount McQuillan Area

Victoria Mining Division, British Columbia

Longitude 124°37'W

Latitude 49°07N

NTS 92F/2E

Owner and Operator: JAN RESOURCES LTD.

Part 1
of 2

9639

APRIL 27th, 1981

SUMMARY

Jan Resources Ltd. has drilled four additional holes on their Black Panther property near Port Alberni, British Columbia. Hole 80-1 was drilled in 1980 and was reported earlier. Holes 81-1 to 81-3 were drilled to intersect the mineralized structure. Hole 81-4 was drilled away from the structure to test for other possible lodes. The significant intercepts of the first five holes are summarized below.

DDH No.	Intercept	True Width	Au oz./ton	Ag oz./ton
BP 80-1	325'-328'	1.9'	0.17	0.25
BP 81-1	310'-312'	1.64'	1.40 (uncut)	2.24
BP 81-2	464'-469'	2.5'	0.11	0.49
BP 81-3	327.5'-330.5'	2.5'	0.20	0.11
BP 81-4	---			

Western Geophysical Aero Data Ltd. have completed an airborne EM-Mag survey over the Jan-Mar-Remy-Crow-Levi-Sue & Rand claim groups. Several anomalies have been detected coincident with known mineralization. Glen E. White, P.Eng. has reported that an "extremely favourable" EM-Mag response outlines the location and strike of High Grade Vein.

Sawyer Consultants Inc. have proposed two possible programs for the area including 1000 feet of underground drifting and cross-cutting with 3000 feet underground drilling on the Black Panther Vein, and a further 3000 feet of surface drilling in twelve holes on the known High Grade Zone mineralization and coincident geophysical anomaly. The cost of the Black Panther work is estimated at about \$590,000. The High Grade work is expected to cost about \$175,000.

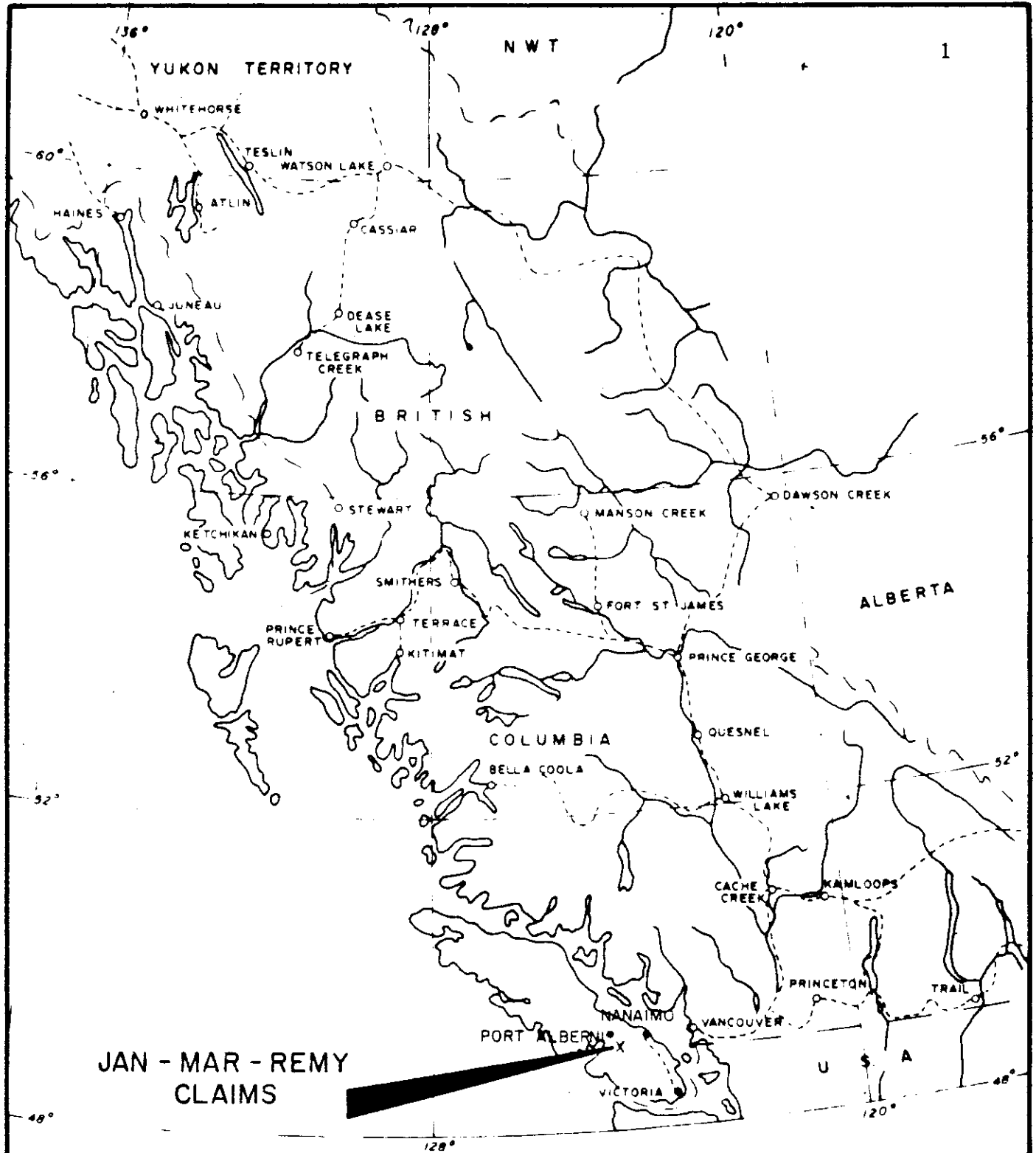
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JAN RESOURCES LTD.
JAN - MAR - REMY CLAIMS
 VICTORIA M. D., VANCOUVER ISLAND, B. C.
GENERAL LOCATION SKETCH

INTRODUCTION

In the period September 1979 to August 1980 Jan Resources Ltd. acquired by staking and option a number of claims and Crown Grants, the latter lying generally within the boundaries of the grid claims in the Mount McQuillan area of Vancouver Island, British Columbia. During the summer of 1980 a fairly detailed sampling program was carried out preparatory to drilling various drill holes on the Black Panther, Summit Lake area, and the High Grade Vein. A subsequent drilling program was carried out from August and continued into early 1981. The results of the previous work are contained in reports by Sawyer Consultants Inc. for Jan Resources Ltd. dated November 14th, 1979 - amended May 27th, 1980; June 5th, 1980; September 17th, 1980; and December 31st, 1980. This report completes the summary of the diamond drilling results on the Black Panther area and provides recommendations for these properties held by Jan Resources Ltd. for the remainder of the 1981 year.

Additional Information for Assessment Reports

All of the drill holes at Black Panther, Summit Lake, and High Grade Vein are NQ size - core diameter 1.875 inches (4.76 cms.). Depths of overburden are as indicated on drill logs. Locations of diamond drill hole collars are shown on Map A (1:10,000).

Core Storage:

Drill core from the High Grade Vein is stored in a rented cabin at Cameron Lake.

Drill core from all of the Black Panther holes, BP 80-1, BP 81-1 through BP 81-4, is stored on the property. It is located near the Legal Corner Post for the Jan and Mar claims, beside a logging road.

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PROPERTY LOCATION AND ACCESS

The property consists of 55 units controlled by Jan Resources Ltd. and 18 Crown Grants optioned by Jan Resources Ltd. from various owners. This ownership is summarized in Table 1. By a Joint Venture Agreement dated March 21st, 1980 (amended June 19th, 1980) Oliver Resources Ltd. has obtained the right to earn up to 40% in the Mount McQuillan properties of Jan Resources Ltd. by spending \$1,000,000. To the present they have earned a 12.5% interest by the expenditure of \$250,000. The central portion of the claim group is approximately 12½ miles due southeast of Port Alberni, in the Mount McQuillan area, and is on Alberni Inlet NTS map sheet 92 F/2, 1:50,000, at 124°37'W longitude, and 49°07'N latitude (Figures 1 and 2). Road access to the property is provided by MacMillan Bloedel logging roads south on the China Creek Main through to the Museum Main and onto the Rift Creek Spur. Northern access is provided from the China Creek Main into the northern end of the property, or from the west up the Nitinat River Main. The majority of the access to drill sites and to the top of the Mount McQuillan properties was provided by helicopter service from Vancouver.

GEOLOGY REVIEW

J.E. Muller of the G.S.C. (1968, 1980) has described the regional geology of the area. The Sicker Group volcanics trend southeast from Port Alberni through the property. It is a mixed group that has been divided into

- (1) Buttle Lake Formation - which contains limestone, chert and some diabase sills,
 - (2) a sediment sill unit which is thin bedded massive argillites, siltstone and chert with some diabase,
 - (3) Myra Formation which is basic to rhyodacitic banded tuff breccia and lava thinly bedded to massive argillites with strong chert,
- and (4) Nitinat Formation metabasaltic lavas, pillowed or agglomeratic, commonly with large conspicuous unaltered pyroxene phenocrysts and amygdules of quartz and dark green minerals, minor massive tuff.

There are very occasional Tertiary granitic "Catface Intrusions" and Jurassic "Island Intrusions" in the area. Structural deformation makes a very complex picture in the area. The Jan-Mar-Remy claims lie within a belt of predominantly Muller's Nitinat Formation (Figure 3). Some Myra Formation is also in existence as is in evidence in drill core and surface work. A more detailed summary of the geology is provided in earlier Sawyer Consultants Inc. reports.

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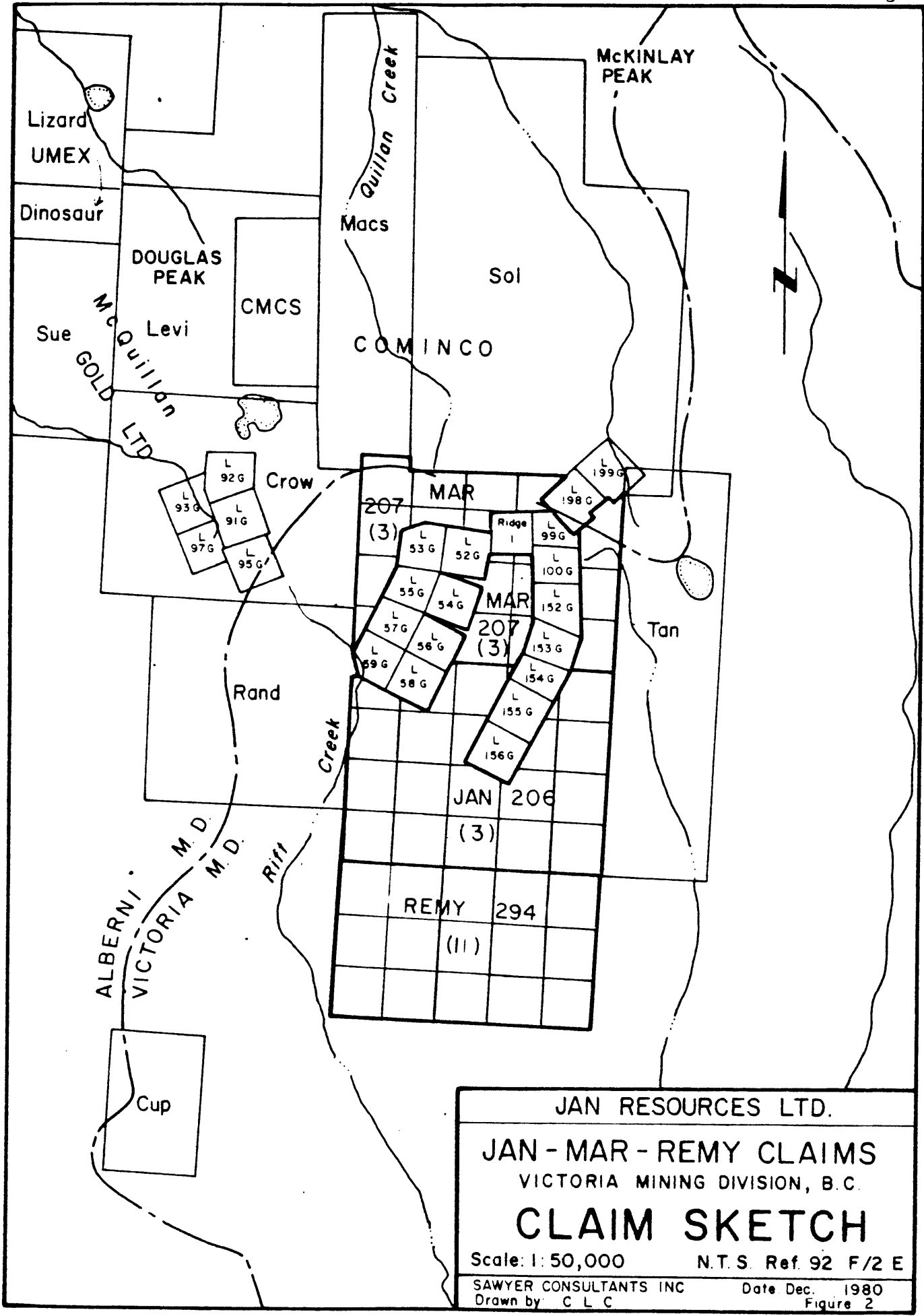
Claim/ Grant	No. of Units Lot Nos.	Record No.	Registered Owner	Recording Date	Expiry Date	Status
Jan	20	206)	Elden Schorn	5/3/79	5/3/83)	Optioned to Jan Resources Ltd.
Mar	20	207)	Elden Schorn	5/3/79	5/3/83)	
Remy	15	294)	T.F. Schorn	15/11/79	15/11/81)	Owned by Jan Resources Ltd.
War Lion	L152G	497)	H. Miller	-	3/7/81)	Optioned by Jan Resources Ltd.
Conqueror	L153G	498)			-	
Majestic	L154G	499)	and	-	3/7/81)	
Empress of India	L155G	500)	J. Kruzick	-	3/7/81)	
IXL	L156G	501)			-	
Ridge	-	18249)	Thomas	5/9/74	5/9/81)	Optioned by Jan Resources Ltd.
Apex	L99G	-)	D.	5/9/74	5/9/81)	
Skyline	L100G	-)	McEwan	5/9/74	5/9/81)	
Black Panther Crown Grants	L52G to L59G	-)	Black Panther Mining Company	-	2/7/81)	Optioned by Jan Resources Ltd.
Black Panther Fractions	L62G L63G	-)			-	

PROPERTY OWNERSHIP - JAN RESOURCES LTD.

JAN-MAR-REMY GROUP

Table 1

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JAN RESOURCES LTD.
 JAN - MAR - REMY CLAIMS
 VICTORIA MINING DIVISION, B.C.
CLAIM SKETCH
 Scale: 1: 50,000 N.T.S. Ref. 92 F/2 E
 SAWYER CONSULTANTS INC Date Dec. 1980
 Drawn by: C L C Figure 2

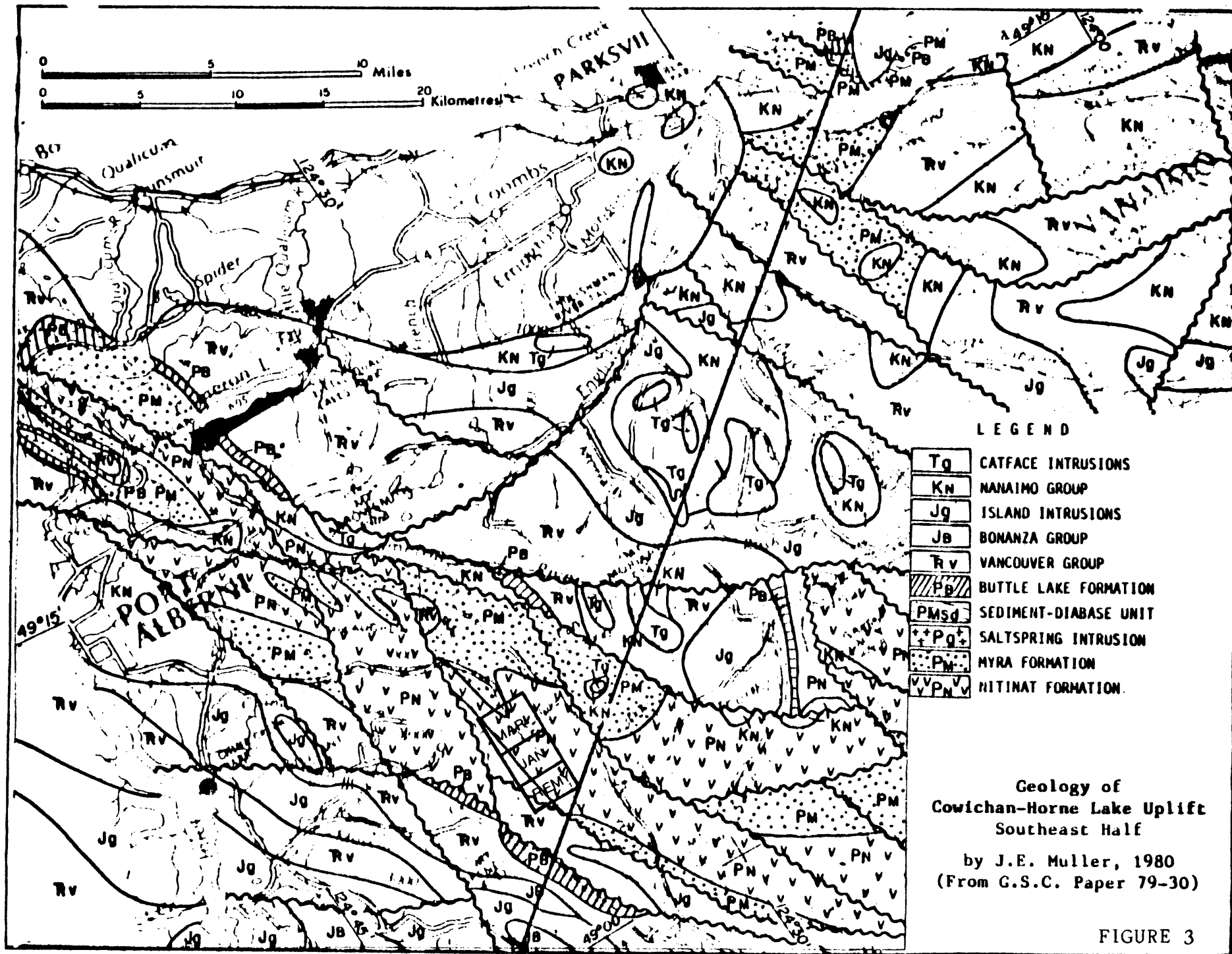


FIGURE 3

Black Panther

The gold-quartz vein deposits of the Black Panther Mine occur in four or more fracture systems and are generally related to peripheral zones of intrusive granitic bodies. The quartz diorite/gabbro bodies were emplaced and are probably comagmatic with late Palaeozoic Sicker Group volcanics. This magma may have been the source of the quartz vein deposits. The area around the A, B, and C Adits has been mapped as the lower part of the Sicker Group which is composed chiefly of volcanic andesite although in a number of observation points, especially around C Adit, small outcrops of diorite/granodiorite have been observed. The main A Adit is thought to be at the contact between the Sicker volcanics and related gabbroic intrusives. This contact is recognized as a highly metamorphosed zone of green andesitic volcanics up to 5 metres wide and can be differentiated reasonably accurately by differences in colour and the degree of metamorphism. Underground workings show a graded contact between the old Sicker Group and the later intrusive.

The wall rock on either side of any of the veins is strongly altered and carbonatized, and weathered at surface. Samples collected from the wall rock show evidence of replacement and the matrix of the volcanics is replaced by sulphides especially in proximity to the veins. The most abundant vein minerals are quartz, carbonate, some clay minerals, and pyrite, chalcopyrite, and galena with chalcopyrite becoming more abundant and galena becoming less abundant with depth. The high gold values are generally associated with galena and chalcopyrite in carbonatized zones. The main ore zone is comprised of both locally heavy sulphides in zones of brecciation, and more widespread disseminated sulphides. The veins generally strike north-south and dip approximately 75° to the east.

The drill hole composite plots, Figures 11, 12, and 13, confirm that the Black Panther Vein systems crosscut a sheared Sicker Volcanic pile and intruding diorites. Due to intense alteration and intrusion of the diorite/gabbro bodies the contacts and stratigraphic relationships are vague, however it may be summarized that

- (1) the volcanic pile consists of bedded andesite, dacite and basaltic flows,
- (2) the younger intrusive is dioritic to gabbroic and the drilling is done in an area of the contact,
- (3) shearing is sub-parallel to the intrusive volcanic contact and gives rise to the hydrous "schists" in the altered volcanic horizons. Dip-slip shearing generally strikes north-northeast/south-southwest, and dips steeply to the east,
- (4) veining appears to be later than the predominant tectonic events. Quartz carbonate sulphide emplacement is stronger when coincident with schistose horizons and as a result mineralized zones tend to pinch and swell,

- (5) numerous shears/veins were cut by the diamond drill holes but three zones persist. Their exact relation is not known but it appears that one vein (the contact shear?) appears to be relatively consistent in values with depth.

High Grade Vein

The High Grade Vein is, again, expected to be related to the same intrusive bodies that occur at surface in the Black Panther area. There is, however, no surface evidence for these intrusive bodies in the High Grade Vein area. The two parallel vein systems are only one kilometre apart. The High Grade Vein has a similar north-south strike but dips 65° to 80° westwards suggesting that it may be on the opposite side of the intrusive bodies from the Black Panther but dipping towards a common source. The High Grade Vein is in a similar belt of carbonatized volcanics ranging from 2 to 30 metres in width with an 8 to 26 centimetre core of quartz/carbonate vein. The high gold values are also associated with increased sulphides in the vein but wallrock values are very high in areas of disseminated pyrite and chalcopyrite. The High Grade Vein therefore has greater potential for wider zones of mineralization.

**1981 DIAMOND DRILLING PROGRAM
BLACK PANTHER VEINS TO MARCH 1981**

Drilling services were provided by Richmond Diamond Drilling Ltd. using their modified Longyear NQ wire line equipment. Helicopter service to the site was provided by Pacific Helicopters Ltd. The four-wheel drive roads provided access to within one mile of the set-up. Core logging and sampling was carried out by Sawyer Consultants Inc. By the end of March 1981, five drill holes from one set-up above the Black Panther Adit A had been completed. These include BP 80-1, and BP 81-1 through BP 81-4; in total 3,230 feet. BP 80-1 was drilled for 580 feet, the results of which are reported by Sawyer Consultants Inc. December 31st, 1980. The remaining holes were drilled from January to March 1981 and are summarized as follows:

<u>DDH No.</u>	<u>Total Depth</u>	<u>Samples</u>	<u>Intersections</u>
BP 81-1	801 feet	55	Cutting three zones including the contact shear and footwall shear.
BP 81-2	838 feet	54	Cutting three zones including contact shear and what is believed to be a footwall shear.
BP 81-3	507 feet	34	Cutting two zones including the contact shear.
BP 81-4	504 feet	16	Cutting no zones of mineralization.

The orientation plots of these holes are given in Figure 4. The set-up is approximately 370 feet east of A Adit, or 170 feet east of the projected lodes, and is 120 feet above the adit level. The diamond drilling program produced good core recovery and provided the necessary results to project the strikes and positions of the lodes.

RESULTS

(1) Black Panther

The cross section provided in Figure 4 is a compilation of the diamond drill results from 1980 and 1981, previous drilling results from 1946, and some of the work in Adit A that was done in 1946-7 and re-sampled in 1980. Two possible programs could be pursued. The first of these is additional surface drilling from new access that would have to be made available to the A Adit at the 2927' elevation. The second involves cross cutting from the C Adit to undercut the values that were indicated in the drilling results (see Proposals following). Past production from the A Adit was predominantly in the area where the contact shear and the footwall shear joined together resulting in a thickening of the quartz bearing shears, ultimately resulting in increased grade over mineable thicknesses. A raise from the 2927' level to the 2994' level (1945) aided in the sampling but indicated that there were no mineable values in between the two levels. In 1946, a 60 foot winze was sunk to approximately the 2867 foot level and the bulk of production is believed to come from below the adit level. The present condition of these workings is such that no estimation of the mining done below the adit level can be made. Pre-production estimates made by Richmond in 1947 indicated average grades of 0.8 ounces over mineable widths, and along 100 feet of strike length on the contact shear, and 1.21 ounces over mineable widths in the footwall shear over a strike length of 120-200 feet. This is the area that is believed to have been mined down at least 60 feet below the adit level. Production from this area was approximately 39 tons of concentrates which were made at the mill site adjacent to the A Adit near Rift Creek. These ran an average of 7.5 oz./ton gold, 14 oz./ton silver, 6% zinc, and 8% lead. Concentration ratio is not known, and therefore the number of tons that were actually mined from this opening cannot be calculated.

The high backs in the footwall shear and contact shear drifts are evidence of past mining. What goes on below the level is not known. 1980 A Adit sampling by Sawyer Consultants Inc. indicated in the area of the cross section in Figure 4, 0.4 oz./ton gold in the contact shear, and 0.33 oz./ton gold in the footwall shear, over reasonable widths. It is believed therefore that the decreased values between Sawyer's and Richmond's results are a result of that mining. The projection of the veins down dip from the drill holes BP 81-1, 81-2, 81-3, and 80-1 indicate persistence with depth. The values are consistently good in the contact shear - footwall shear system, but the main limiting factor is the varying width of the lode (see Assay Summary Sheets, Appendix V). Exact correlation from one gold bearing zone to the other is not known, but an approximation of this is given in Figure 4. It might be suggested that the footwall shear is a representation of a herringbone type of structure with contact shear providing the backbone. Other shears that were cut by 1946 drilling and by 1980 and 1981 drilling may also represent off-shoots that join the contact shear laterally and eventually at depth. These zones may be considered as possible areas for high grade mineralization as is found in the A Adit level. Values above the 2638' elevation include 0.17 ounces in 80-1, 0.16 ounces in 46-3, 1.4 ounces in 81-1, and 0.2 ounces in 81-3.

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MINIMUM POSSIBLE TONNAGE CALCULATION - BLACK PANTHER (CONTACT SHEAR)

(230' VERTICAL x 200' HORIZONTAL x 3' WIDTH)

Sample	Au Value oz./ton	Width Feet	True Width Feet	Vertical Influence Feet	Horizontal Influence Feet	Cut over 3 Feet oz./ton	Recoverable Au @ 90% oz./ton
(1) A Adit (Projected)	0.40	1.5'	(90°) 1.50'	50'	42.5'	0.20	0.18
(2) 81-1 (37905)	1.40 (Cut 1.0)	2.0'	(55°) 1.64'	65'	60'	0.55	0.50
(3) 46-3	0.16	0.7' (?)	(65°) 0.60'	40'	32.5'	0.032	0.029
(4) 80-1 (37864)	0.17	3.0'	(40°) 1.91'	100'	42.5'	0.11	0.10
(5) 81-2 (43204)	0.14	3.0'	(30°) 1.50'	75'	42.5'	0.07	0.06
(6) 81-3 (43256)	0.20	3.0'	(52°) 2.36'	40'	100.0'	0.16	0.14
<u>Summary</u>				(230'	200'	3.0')	~0.20
ACCESSIBLE ABOVE PROPOSED 2638' DRIFT LEVEL							13,800 tons less 10% loss in mining = 12,500 tons

Table 2

There is also a 0.12 ounce value in what is believed to be an extension of the footwall shear which was intersected in 46-3. This provides approximately 200 feet of backs from what is projected as being the bottom of the winze on the 2867' elevation. The probable ore reserves estimated from this limited information are summarized in calculations provided in Table 2. The minimum weighted average grade and tonnage above the 2638' level and between intersections in 81-3 and 81-1 indicate 13,800 tons at 0.2 oz./ton of recoverable gold. Given 10% loss in mining this would indicate 12,500 tons and approximately 2500 ounces of recoverable gold. These estimates are based on minimal information and sampling points. The A Adit sampling by Sawyer Consultants Inc. has indicated values of 0.4 remaining in the mined out area. This value has been projected to the bottom of the winze area as being a rough cut-off for the old operations. The high grade value of 1.4 oz./ton (DDH 81-1, 310'-312') has been cut to 1 oz./ton although values of this magnitude are not unreasonable to expect as pre-mining assays over mineable widths and lengths well exceeded 1 ounce. In addition, the values encountered in drill holes are well above 1 ounce. This is a good indication of consistency that in gold deposits, in general, is an important consideration. Values below the 2638' level in hole BP 81-2 also indicate continued values in the order of 0.14 ounces. The vertical mining area has been reduced to 230 feet to include that tonnage above the proposed 2638' level. The strike length is projected over 200 feet to include only that tonnage between known values. Samples 1, 4, and 5 in Table 2 are all in the same vertical plane. All samples have been weighted for vertical and horizontal area of influence, over true widths, and have been calculated over a minimum mining width of 3 feet.

The geophysical interpretation by Western Geophysical Aero Data Ltd. has indicated numerous EM-Mag anomalies associated with known mineralization. The anomaly closest to the Black Panther (Black Lion) area is closely associated with the nearby High Grade Vein and may possibly be a vein sub-system of the anomaly.

(2) High Grade Vein - Assessment

The High Grade Vein Zone contains the most persistent values in gold of all areas sampled in 1980, and provides good consistency with depth given the intercepts in holes HG 80-1 and 80-2 (Sawyer Consultants Inc., December 31st, 1980). In terms of gold potential, this is the best target for further work. Access to the area is, however, quite difficult as no road is readily available to the site. Comparative tonnage and grade calculation for two zones labelled A and B in the High Grade Vein have been provided for comparison with those values encountered in the Black Panther area. In the case of the High Grade Vein, surface sampling is quite extensive, and provides a good handle on surface characteristics. However, no drilling has been provided other than in holes 80-1 and 80-2. It has been assumed from results of this drilling that a vertical depth of 100 feet along the structure is a reasonable estimate from which to calculate the tonnage. This results in approximately 3100 tons of ore grading 0.26 oz./ton in Zone A, and in Zone B about 3500 tons of 0.12 oz./ton.

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A third zone, "C", also exhibits good values at surface over narrow widths. When these are expanded to mining widths values fall to sub ore grade. Zones A and B merely represent areas where surface sampling is available. Results of this tonnage and grade calculations are summarized in Tables 3 and 4 following. The area between the two zones has not been sampled in such a way as to provide information for tonnage and grade calculation.

Further sampling (1981) in the High Grade drill holes 80-1 and 80-2 did not provide any more ore grade values in the wall rock.

Glen E. White, P.Eng. (Western Geophysical Aero Data Ltd., April 8, 1981) has interpreted an "extremely favourable" EM-Mag anomaly along the strike length of the High Grade Vein. He recommended that this is the highest priority target in the area.

MINIMUM POSSIBLE TONNAGE CALCULATION - HIGH GRADE VEIN - ZONE A

(100' VERTICAL x 116' HORIZONTAL x 3' WIDTH)

Sample (SCI 1980)	Au Cut @ 75% oz./ton	True Width Cms.	Vertical Influence Feet	Horizontal Influence Feet	Cut over 3 Feet oz./ton	Recoverable Au @ 90% oz./ton
1 (12+12)	1.20	27 cms.	100'	17'	0.360	0.32
2 (13)	0.064	12 cms.	100'	10'	0.008	0.007
3 (14)	0.019	12 cms.	100'	8'	0.003	0.002
4 (15)	1.10	10 cms.	100'	10'	0.120	0.11
5 (16+16)	1.13	23 cms.	100'	8'	0.290	0.26
6 (17)	0.059	22 cms.	100'	7'	0.014	0.013
7 (18)	2.78	22 cms.	100'	7'	0.67	0.60
8 (19)	0.16	22 cms.	100'	7'	0.039	0.035
9 (39+39)	0.24	32 cms.	100'	3'	0.08	0.07
10 (38)	<0.002	22 cms.	100'	5'	0	0
11 (37)	0.005	22 cms.	100'	5'	0	0
12 (20+20)	2.50	27 cms.	100'	10'	0.74	0.67
13 (21+21)	1.96	27 cms.	100'	18'	0.58	0.52
14 (22+22)	0.16	23 cms.	100'	18'	0.04	0.036
<u>Summary</u>			(100'	116'	3')	0.26
3480 tons						
less 10% loss in mining = 3130 tons						

Table 3

MINIMUM POSSIBLE TONNAGE CALCULATION - HIGH GRADE VEIN - ZONE B

(100' VERTICAL x 131' HORIZONTAL x 3' WIDTH)

Sample (SCI 1980)	Au Cut @ 75% oz./ton	True Width Cms.	Vertical Influence Feet	Horizontal Influence Feet	Cut over 3 Feet oz./ton	Recoverable Au @ 90% oz./ton
1 (7+7)	0.14	42 cms.	100'	7'	0.06	0.05
2 (30+30)	0.23	44 cms.	100'	8'	0.11	0.10
3 (8)	0.40	16 cms.	100'	28'	0.07	0.06
4 (9+9)	0.30	35 cms.	100'	28'	0.12	0.11
5 (40+40)	0.47	33 cms.	100'	5'	0.17	0.15
6 (31)	0.87	20 cms.	100'	8'	0.19	0.17
7 (10)	0.061	20 cms.	100'	5'	0.01 ⁺	0.01
8 (32)	1.71	20 cms.	100'	5'	0.38	0.34
9 (33+33)	0.40	41 cms.	100'	15'	0.18	0.16
10 (41)	0.70	22 cms.	100'	12'	0.19	0.17
11 (11)	0.64	16 cms.	100'	10'	0.11	0.10
<u>Summary</u>			(100'	131'	3')	0.12

3930 tons

less 10% loss in mining = 3530 tons

Table 4

1981 SUMMER PROGRAM ALTERNATIVES
JAN-MAR-REMY CLAIMS

(1) Black Panther

Two possible programs have been referred to. One included surface diamond drilling from road access provided to the A Adit area along which various drill set-ups could be made. The cost of this access would be in the order of \$200,000.00, and would provide similar information to that which was gained by the 1980-81 set-up above the A Adit. The main reason for getting this drilling information is to provide lateral extension on what is believed to be the contact shear zone, thereby increasing potential tonnage prior to making a development decision. The cost of such a program is estimated to be in the order of \$400,000.00.

The second program, which involves moving straight to development from the C Adit and cross cutting 800 feet to undercut the values intersected in the 1980 and 1981 drilling, is projected to cost in the order of \$590,000.00, but is believed to provide more substantial information on the target area. For this reason it is preferred to that proposal involving surface drilling. The entire program would entail the rehabilitation of the C Adit, cross cutting 800 feet through the C Adit, drifting along the contact shear (200 feet), and underground drilling. The main target would be those values encountered in what is believed to be the contact shear (Figure 4). Other targets are also projected in two other zones, one unnamed and one which is projected as being the footwall shear. These values are not as consistent or as high as those encountered in the contact shear, but could be tested by this underground work. Diamond drilling from the underground stations will provide detailed information on a production target area of 230 feet by 200 feet by an average of 3 feet width. Bulk sampling and vein characteristics would also be provided. Basic quotes on this work from Mr. Jim Mawlinhinney of Custom Mining, Kamloops, were acquired in late March 1981. For clean drift in a trackless mining 8 foot by 8 foot drift, the cost would be \$285.00 per foot including all support equipment and installation of power and air facilities. Timber drift would cost in the order of \$335.00 a foot. It is expected that this would be a minimum cost, and 10% of the total footage has been charged at the timber drift rate. For track mining in a 6 foot by 8 foot drift, \$285.00 foot charge would be increased by \$45.00 a foot to install all rail and ties. The total cost of this program is summarized in three phases (page 20).

(2) High Grade Vein

Given the results indicated to date in the High Grade Zone (summarized in Sawyer Consultants Inc. report of December 31st, 1980), and the geophysical anomaly outlined by Western Geophysical Aero Data Ltd., further work is definitely required in this area. Due to high cost surface access, the property does not lend itself to exploration in the same

way that the Black Panther does. However, once that access has been provided, the relief in the area lends itself to underground development at a number of levels. With the information to date from surface sampling and two drill holes, the tonnages and grades indicated could be greater than that indicated in the Black Panther. It is therefore suggested that further drilling be initiated from set-ups located adjacent to the vein structure. In September 1980, Sawyer Consultants Inc. recommended a 570 metre program in five sections through the deposits over a total strike length of 1200 feet. This has now been increased to six sections through the deposit by drilling twelve holes. The original proposal also allowed for two holes per section, one at -45° and one at -65° . In order to improve the information at depth, holes are proposed at -65° and -80° , and depending on the favourability of the information obtained, an optional third hole at -90° is also proposed. For six sections and two holes per section, the total footage amounts to 3000 feet. This has been budgeted for in the summary following. If all six optional holes are drilled, an additional 2000 feet is required. This cost is summarized as optional cost in the Cost Estimates. Additional information can be gained through trenching in areas of cover. This will provide good surface widths and grades in areas that have not previously been exposed due to overburden. The crew assigned to performing the trenching work should also be capable of putting in a chain and compass grid, and building the necessary set-ups in each of the locations to provide the six sections proposed. This will require some blasting and levelling.

CONCLUSIONS

- (1) Economic gold potential in the High Grade and Black Panther Vein systems is good and further exploration in both areas is required.
- (2) Gold mineralization is associated with north-south striking quartz carbonate veins dipping to the east at the Black Panther and, as presently known, with one westerly dipping shear zone at High Grade Vein.
- (3) The Black Panther drilling results indicate three separate shear veins the most promising of which has been called the "Contact Shear". The A Adit footwall shear is believed to be closely associated with it.
- (4) Results from Western Geophysical Aero Data Ltd. survey indicate an "extremely favourable" magnetics/EM anomaly coincident with the High Grade Vein. Proximity to the Black Panther Vein suggests that mineralization in both areas is possibly related.
- (5) The minimum possible tonnage in the Black Panther above the 2638' level (C Adit) is estimated at 12,500 tons of 0.2 oz./ton gold.
- (6) The minimum possible tonnage in the two surface sample zones in the High Grade Vein total 6,600 tons @ 0.17 oz./ton (cut) gold, however consistency at surface and at depth (DDH HG 80-1, 80-2) is excellent and increased tonnage is therefore expected given further work.
- (7) Further delineation drilling of the High Grade Zone is warranted.
- (8) Underground work on the Black Panther will aid in the pre-production decision testing and further delineation on the three drill indicated zones.

RECOMMENDATIONS

- (1) Two programs are recommended for the Jan-Mar-Remy claims, one on the Black Panther Vein and the second at the High Grade Vein. The programs can be carried out simultaneously or separately.
- (2) Due to the large expenditure required to complete the Black Panther work, the program is recommended in three phases (including contingency) consisting of
 - a) providing road access, building dump facilities, and cleaning out the C Adit in preparation for drifting, at a cost of \$110,000.00,
 - b) cross cutting to the Black Panther Veins, drifting on the main structure, and sampling at a cost of \$328,000.00,
 - c) 3000 feet of underground diamond drilling to delineate the production targets at a cost of \$136,000.00.

Consulting charges and related expenses for all three phases is estimated at \$12,000.00.

- (3) A preliminary program is proposed on the High Grade Vein consisting of 3000 feet of surface drilling and surface sampling in areas not yet tested at an estimated cost of \$176,000.00. Optional deeper drilling dependent on the initial results is proposed at an estimated cost of \$76,000.00. This program will give sufficient information for an underground exploration-development program.
- (4) Numerous anomalies indicated in the airborne geophysical anomalies warrant further attention. However the Black Panther and High Grade Veins indicate the best potential and most advanced stages of exploration to date. The other anomalies are contained within the present land package and can be followed up in due course.

COST ESTIMATESBlack Panther 1981 Underground Program

Phase I

Mobilization/demobilization, mining	\$ 10,000.00	
Road access	50,000.00	
Construct dump facility, bins, etc.	20,000.00	
Prepare/slash "C" Adit to "C" vein	20,000.00	
Bulk sample	<u>1,000.00</u>	
	<u>\$101,000.00</u>	\$101,000.00

Phase II

Drive 700' 8'x8' clear crosscut (trackless) @ \$285.00	\$199,500.00	
Crosscut 100' 8'x8' finished (trackless) @ \$385.00	38,500.00	
Drive 200' 8'x8' clear drift on vein @ \$285.00	57,000.00	
Bulk sample	<u>3,000.00</u>	
	<u>\$298,000.00</u>	298,000.00

Phase III

Mobilization/demobilization, drilling	\$ 3,000.00	
3000' BQ @ \$23.00	69,000.00	
Engineering, Supervision	50,000.00	
Assaying 155 samples @ \$13.00	<u>2,000.00</u>	
	<u>\$124,000.00</u>	124,000.00
Contingency @ 10%		52,300.00

General

Consulting, 30 days @ \$300.00	\$ 9,000.00	
Travel, Accommodation	<u>3,000.00</u>	
	<u>\$12,000.00</u>	<u>12,000.00</u>
		<u>\$587,300.00</u>

SAWYER CONSULTANTS INC.

High Grade

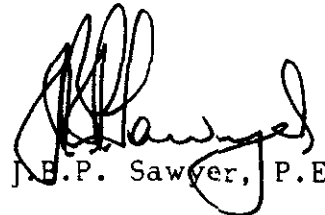
Mobilization/demobilization	\$ 10,000.00	
Site preparation and grid	10,000.00	
Drill 3000' NQ @ \$30.00	90,000.00	
Helicopter time		
Drill moves 30 hours @ \$420.00	12,600.00	
Other 30 hours @ \$420.00	12,600.00	
Camp	10,000.00	
Supplies 300 man days @ \$20.00	6,000.00	
Assaying 200 samples @ \$13.00	2,600.00	
Consulting, Supervision, Reporting	6,000.00	
Contingency @ 10%	<u>16,000.00</u>	
	<u>\$175,800.00</u>	\$175,800.00
 Optional		
Drill 2000' NQ @ \$30.00	\$60,000.00	
Supplies 250 man days @ \$20.00	5,000.00	
Assaying 100 samples @ \$13.00	1,300.00	
Consulting, Supervision, Reporting	3,000.00	
Contingency @ 10%	<u>7,000.00</u>	
	<u>\$76,300.00</u>	<u>76,300.00</u>
		<u>\$252,100.00</u>

Respectfully submitted,

SAWYER CONSULTANTS INC.



T.E. Gregory Hawkins



J.E.P. Sawyer, P.Eng.

SAWYER CONSULTANTS INC.

CERTIFICATE

I, Fayz F. Yacoub, DO HEREBY CERTIFY:

- (1) That I am a graduate in Geology and Chemistry of Assuit University, Egypt (B.Sc. 1967), and Mining Exploration Geology of the International Institute for Aerial Survey and Earth Sciences (I.T.C.), Holland (Diploma 1978).
- (2) That I have practised within the geological profession for the past seven years.
- (3) That the information, opinions and recommendations in the attached report are based on personal observations on the property, including work in connection with core logging, sampling, etc., in the period June 1st, 1980 to March 31st, 1981, and on information from general reference material.
- (4) That I own no interest in the shares or securities of Jan Resources Ltd., or Oliver Resources Ltd., nor in the subject property, nor do I expect to receive any such interest.

F. Yacoub

Fayz F. Yacoub

Dated at Vancouver, British Columbia, this 27th day of April, 1981.

CERTIFICATE

I, T.E. Gregory Hawkins, DO HEREBY CERTIFY:

- (1) That I am a Consulting Geologist, of Sawyer Consultants Inc., with business offices at 1201 - 675 West Hastings Street, Vancouver, British Columbia, V6B 1N2.
- (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 twelve years.
- (4) That the opinions and analyses expressed herein are based on personal observations on the property in February and March 1981, and on general literature review.
- (5) That I own no interest in the shares or securities of Jan Resources Ltd. or Oliver Resources Ltd. or the subject properties, nor do I expect to receive any interest.



T.E. Gregory Hawkins


Dated at Vancouver, British Columbia, this 27th day of April, 1981.

SAWYER CONSULTANTS INC.

CERTIFICATE

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

- (1) That I am a consulting geologist with business office at 1201 - 675 W. Hastings St., Vancouver, B.C., V6B 1N2, and President of Sawyer Consultants Inc.
- (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 Professions, 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 the information, opinions, and recommendations in the attached report are based on the results of the work program carried out by Sawyer Consultants Inc. in the period May to September 1980 including personal observations on the property in October and November 1979, and through the 1980 field work program, and on personal knowledge of the drilling program, on personal logging of drill core, and observations at the drill sites in the period September 1980 to March 1981.
- (7) That I own no interest in the shares or securities of Jan Resources Ltd., or any associated companies, nor in the subject properties.


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

Dated at Vancouver, British Columbia, this 27th day of April, 1981.

SAWYER CONSULTANTS INC.

SELECTED BIBLIOGRAPHY

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- Laanela, H., 1965: Property examination reports on a number of prospects in the Mt. McQuillan area; internal company report to Gunnex Limited.
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SAWYER CONSULTANTS INC.

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Pezzot, E.T., 1981:

Geophysical Report on the Airborne VLF-Electromagnetometer and Magnetometer Survey, Crow, Levi, Sue, Mar, Jan, Rand, Remy claims, Alberni & Victoria Mining Divisions, Western Geophysical Aero Data Ltd. report for Oliver Resources Ltd. and Jan Resources Ltd., April 8th, 1981.

APPENDIX I

Assay Certificates

SAWYER CONSULTANTS INC.



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 • PHONE: 985-0681 • TELEX: 04-352667

Certificate of Analysis

TO Sawyer Consultants

A21-03

1201 Royal Bank Building

January 12, 1981

675 West Hastings St. Vancouver, B.C. V6B 1N2

PROJECT: BLACK PANTHER

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

MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT
	oz/ton	oz/ton		oz/ton	oz/ton		oz/ton	oz/ton
	Au	Ag		Au	Ag			
37851	<0.002	0.02	37870	0.032	0.14			
37852	0.005	0.06	37871	0.002	0.02			
37853	<0.002	<0.02	37872	0.003	0.07			
37854	<0.002	<0.02	37873	0.007	0.05			
37855	<0.002	<0.02	37874	0.036	0.15			
37856	<0.002	<0.02	37875	0.045	0.28			
37857	<0.002	<0.02	37876	0.021	0.15			
37858	<0.002	<0.02	37877	0.007	0.06			
37859	<0.002	<0.02	37878	0.009	0.95			
37860	<0.002	<0.02	37879	0.022	0.08			
37861	0.022	0.08	37880	0.024	0.11			
37862	0.035	0.15	37881	0.003	0.03			
37863	0.006	0.05	37882	0.014	0.08			
37864	0.17	0.25	37883	0.002	0.05			
37865	0.020	0.09						
37866	<0.002	0.02						
37867	0.017	0.60						
37868	0.010	0.07						
37869	0.015	0.06						

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

NOTE:

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

RK Ross

To: _____ yer Consultants

RECEIVED FEB 1 1981

REPORT NO. A21 - ?

PAGE No. 1

BONDAR-CLEGG & COMPANY LTD.

DATE: January 29, 1981

1201 - 675 West Hastings Street
Vancouver, B. C.
V6B 1N2

CERTIFICATE OF ASSAY

Samples submitted: January 20, 1981
Results completed: January 29, 1981

PROJECT: JAN-BLACK PANTHER

BP 80-1

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

MARKED	GOLD		SILVER		Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton							
37884	0.010		0.02								
37885	<0.002		0.03								
37886	<0.002		<0.02								
37887	0.003		0.07								
37888	0.002		0.26								
37889	0.011		0.04								
37890	0.015		0.06								
37891	0.002		0.03								
37892	0.004		0.02								
37893	0.002		0.02								
37894	0.002		0.02								

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


Registered Assayer, Province of British Columbia

1201 - 675 West Hastings Street
Vancouver, B. C.
V6B 1N2

CERTIFICATE OF ASSAY

Samples submitted: January 29, 1981
Results completed: February 10, 1981

PROJECT: Black Panther *Py 81-1*

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

MARKED	GOLD		SILVER		Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton							
37895	0.002		0.08								
37896	0.011		0.02								
37897	0.002		0.02								
37898	<0.002		<0.02								
37899	0.043		0.21								
37900	0.006		0.08								
37901	0.003		0.02								
37902	0.041		0.28								
37903	0.006		0.13								
37904	0.035		0.02								
37905	1.40		2.24								
37906	0.017		0.03								
37907	0.027		0.08								
37908	0.015		0.05								
37909	0.11		0.20								
37910	0.002		0.02								
37911	0.10		0.14								
37912	0.007		0.40								
37913	0.016		0.10								
37914	<0.002		<0.02								
37915	0.013		0.02								
37916	0.002		0.04								
37917	0.004		0.02								
37918	<0.002		<0.02								
37919	0.003		0.02								

NOTE:

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


RK Rogers
Registered Assayer, Province of British Columbia

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		Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton							
37920	0.041		0.08								
37921	<0.002		0.03								

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


 Registered Assayer, Province of British Columbia

1201 Royal Bank Building
675 West Hastings Street
Vancouver, BC. V6B 1N2

Samples submitted: February 19, 1981
Results completed: February 27, 1981


CERTIFICATE OF ASSAY

PROJECT: BLACK PANTHER (JAN)

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

MARKED	GOLD		SILVER		Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton							
34617	0.035		0.06								
37922	0.003		0.04								
37923	0.014		0.02								
37924	<0.002		<0.02								
37925	0.073		0.05								

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


Registered Assayer, Province of British Columbia



BONDAR-CLEGG & COMPANY LTD.

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Certificate of Analysis

TO Sawyer Consultants
1201 - 675 West Hastings Street
Vancouver, B. C. V6B 1N2

A21 - 224

March 12, 1981

PROJECT: JAN RES - BLACK PANTHER

BP 81-1&2

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

MARKED	Au	Ag	MARKED	Au	Ag	MARKED	Au	Ag
	PERCENT	PERCENT		PERCENT	PERCENT		PERCENT	PERCENT
	oz/ton	oz/ton		oz/ton	oz/ton		oz/ton	oz/ton
43151	0.010	0.02	43171	<0.002	<0.02	43192	0.030	0.06
43152	<0.002	<0.02	43172	<0.002	<0.02	43193	<0.002	<0.02
43153	0.008	<0.02	43173	0.002	0.02	43194	<0.002	0.02
43154	<0.002	0.03	43174	<0.002	0.02	43195	0.050	0.14
43155	0.006	0.04	43176	<0.002	0.04	43196	<0.002	<0.02
43156	0.002	0.09	43177	<0.002	0.02	43197	<0.002	0.04
43157	<0.002	0.06	43178	<0.002	0.03	43198	0.009	0.04
43158	<0.002	0.04	43179	<0.002	0.02	43199	0.004	0.03
43159	<0.002	<0.02	43180	<0.002	0.02	43200	0.004	<0.02
43160	<0.002	<0.02	43181	<0.002	<0.02	43201	<0.002	<0.02
43161	<0.002	0.05	43182	<0.002	0.03	43202	0.002	<0.02
43162	0.005	0.04	43183	<0.002	0.03	43203	0.056	0.45
43163	<0.002	0.02	43184	<0.002	0.02	43204	0.14	0.52
43164	0.002	0.07	43185	0.012	<0.02	43205	0.008	0.02
43165	0.002	0.05	43186	<0.002	<0.02	43206	<0.002	0.03
43166	0.011	0.03	43187	0.002	<0.02	43207	0.005	0.02
43167	<0.002	<0.02	43188	<0.002	<0.02	43208	0.013	0.05
43168	0.009	0.02	43189	<0.002	<0.02	43209	0.016	0.06
43169	<0.002	0.02	43190	<0.002	<0.02	43210	<0.002	0.02
43170	<0.002	0.02	43191	<0.002	<0.02	43211	<0.002	<0.02

NOTE:

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

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



Certificate of Analysis

PAGE 2

TO Sawyer Consultants

A21 - 224

March 12, 1981

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

MARKED	AU	AG	MARKED	PERCENT	PERCENT	MARKED	PERCENT	PERCENT
	PERCENT	PERCENT						
	oz/ton	oz/ton						
43212	<0.002	<0.02						
43213	<0.002	0.03						
43214	0.014	0.03						
43215	0.004	0.03						
43216	0.002	0.02						
43217	0.012	0.08						
43218	0.027	0.07						
43219	0.026	0.05						
43220	0.029	0.12						

NOTE:

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

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

To: Saw r Consultants

RECEIVED MAR 30 1981

REPORT NO. A21 '66PAGE No. 1

BONDAR-CLEGG & COMPANY LTD.

DATE: March 26, 19811201 - 675 West Hastings Street
Vancouver, B. C.
V6B 1N2

CERTIFICATE OF ASSAY

Samples submitted: March 13, 1981
Results completed: March 26, 1981

BP 81-2,3,4

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	Percent
43175	0.009		0.03		-							
43221	<0.002		0.04		-							
43223	<0.002		0.03		-							
43225	0.004		0.04		-							
43251	0.007		0.03		-							
43252	<0.002		0.02		-							
43253	0.010		0.05		-							
43254	0.016		0.02		-							
43255	0.006		0.03		-							
43256	0.20		0.11		-							
43257	0.007		0.05		-							
43258	0.007		0.07		-							
43259	0.010		0.02		-							
43260	<0.002		0.05		-							
43261	<0.002		<0.02		-							
43262	<0.002		<0.02		-							
43263	0.005		0.02		-							
43264	0.013		0.03		-							
43265	0.018		0.02		-							
43266	0.019		0.04		-							
43267	0.005		0.03		-							
43268	0.012		0.03		-							
43269	0.005		0.02		-							
43270	0.016		0.04		-							
43271	<0.002		<0.02		-							

NOTE:

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

 Registered Assayer, Province of British Columbia

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	Percent
43272	0.005		0.02		-							
43273	<0.002		<0.02		-							
43274	<0.002		<0.02		-							
43275	<0.002		<0.02		-							
43276	<0.002		<0.02		0.02							
43277	<0.002		<0.02		0.01							
43278	<0.002		<0.02		0.01							
43279	<0.002		<0.02		0.02							
43280	<0.002		<0.02		0.02							
43281	0.002		0.04		0.29							
43282	<0.002		<0.02		0.06							
43283	<0.002		<0.02		0.14							
43284	<0.002		<0.02		<0.01							
43285	<0.002		<0.02		0.19							
43286	<0.002		0.03		0.02							
43287	<0.002		<0.02		<0.01							
43288	<0.002		<0.02		<0.01							

NOTE:

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

To: Saw Consultants

RECEIVED APR 10 1981

REPORT NO. A21 318

PAGE No. 1

BONDAR-CLEGG & COMPANY LTD.

DATE: April 8, 1981

1201 - 675 West Hastings Street
Vancouver, B. C.
V6B 1N2

CERTIFICATE OF ASSAY

Samples submitted: March 28, 1981
Results completed: April 8, 1981

PROJECT: Jan Resources

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

MARKED	GOLD		SILVER		Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton							
DDH-HG 80-1 43289	<0.002		<0.02								
43290	<0.002		<0.02								
43291	<0.002		0.09								
43292	0.005		0.13								
DDH-HG 80-2 43293	<0.002		<0.02								
43294	0.005		0.02								
43295	0.052		0.05								
43296	<0.002		<0.02								
43297	0.002		<0.02								
43298	<0.002		<0.02								
DDH-BP 81-2 43299	<0.002		<0.02								
43300	<0.002		0.06								
43301	0.004		0.03								
43302	0.005		0.06								
43303	0.003		<0.02								
43304	0.007		0.08								
DDH-BP 81-3 43305	<0.002		<0.02								
43306	<0.002		<0.02								
43307	0.002		0.02								
43308	<0.002		<0.02								
43309	<0.002		<0.02								
43310	<0.002		0.18								
43311	0.002		0.08								
43312	<0.002		0.12								
43313	<0.002		<0.02								
43314	<0.002		<0.02								

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


Registered Assayer, Province of British Columbia



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 • PHONE: 985-0681 • TELEX: 04-352667

Certificate of Analysis

TO Sawyer Consultants
1201 - 675 West Hastings Street
Vancouver, B. C. V6B 1K2

A20 - 1829

November 27, 1988

JAN RESOURCES LTD. HIGH
GRADE VEIN 80-1, 80-2

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

MARKED	ASSAY RESULTS		MARKED	ASSAY RESULTS		MARKED	ASSAY RESULTS	
	oz/ton	oz/ton		oz/ton	oz/ton		oz/ton	oz/ton
	Au	Ag		Au	Ag		Au	Ag
H200-1 21076	<0.002	0.02	H200-2 21095	0.003	0.02	H200-2 37839	<0.002	0.02
21077	0.003	0.02	21096	<0.002	0.02	37840	<0.002	0.03
21078	<0.002	0.04	21097	<0.002	0.02	37841	<0.002	0.02
21079	0.002	0.03	21098	<0.002	0.02	37842	<0.002	0.02
21080	<0.002	0.02	21099	<0.002	0.03			
21081	0.007	0.03	21100	<0.002	0.03			
21082	<0.002	0.02	37826	<0.002	0.03			
21083	0.003	0.02	37827	<0.002	0.02			
21084	0.004	0.02	37828	<0.002	0.02			
21085	<0.002	0.03	37829	<0.002	0.02			
21086	0.003	0.04	37830	0.15	0.21			
21087	0.007	0.04	37831	0.003	0.23			
21088	<0.002	0.02	37832	0.83	0.45			
21089	0.43	0.27	37833	0.007	0.04			
21090	<0.002	0.03	37834	0.005	0.04			
21091	<0.002	0.02	37835	0.68	0.32			
21092	<0.002	0.02	37836	0.002	0.02			
21093	<0.002	0.03	37837	0.002	0.02			
21094	<0.002	0.02	37838	<0.002	0.02			

NOTE:

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

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

APPENDIX VI

Statement of Costs and List of Personnel

SAWYER CONSULTANTS INC.

LIST OF PERSONNELSawyer Consultants Inc. - supervision, core logging, and sampling, etc.

	Days	Rate
J.B.P. Sawyer, P.Eng.		\$300.00/day
Nov. 1-30/80	3 office, 4 field	
Dec. 1/80 to Jan. 16/81	9½ office, 1 field	
Jan. 17/81 to Feb. 27/81	4½ field, 2 office	
Feb. 28/81 to Apr. 15/81	2 office	
Fayz F. Yacoub, B.Sc.		\$150.00/day
Nov. 1-30/80	4 field, 8 office	
Dec. 1/80 to Jan. 16/81	2 field, 1 office	
Jan. 17/81 to Feb. 27/81	4½ field, 2 office	
Feb. 28/81 to Apr. 15/81	4 field, 4½ office	
T. Greg Hawkins, M.Sc.		\$300.00/day
Jan. 17/81 to Feb. 27/81	3 field	
Feb. 28/81 to Apr. 15/81	2 field, 8 office	

Note: Costs re above engineering and supervision are not included in the amount of expenditures for which assessment credit is requested.

Richmond Diamond Drilling Co. Ltd.

	Period	
Gene Kennedy	Sept. 15/80 to Nov. 11/80)
Paul Oliver	Sept. 15/80 to Oct. 5/80)
Gary George	Oct. 6/80 to Dec. 21/80)
Melvin Malchatis	Nov. 22/80 to Dec. 21/80)
Keith Hume	Jan. 12/81 to Mar. 31/81)
Len Clark	Jan. 12/81 to Mar. 31/81)

Rates included
in overall
contract price

SAWYER CONSULTANTS INC.

JAN RESOURCES LTD.

811 - 543 Granville St.
Vancouver, B.C. V6C 1X8

STATEMENT OF EXPENSES

We hereby certify that costs as detailed below were incurred by Jan Resources Ltd. in connection with the diamond drilling programs at High Grade Vein, and Black Panther Mine area, Victoria Mining Division, B.C. in the period September 30th, 1980 to March 31st, 1981. These costs represent only a part of the total costs of the entire work program but are considered more than sufficient to cover the assessment credit requested.

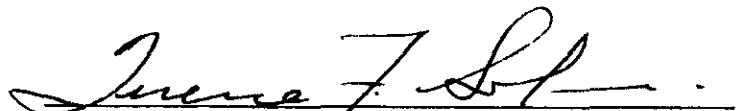
Diamond Drilling - contract by Richmond Diamond Drilling Co. Ltd. Please see List of Personnel for employees of Richmond Diamond Drilling Co. Ltd. and rates.

Summary of Contract Rates:

Overburden Drilling	0-30 ft. @ \$21.00/ft. below 30 ft. @ field cost
Drilling Bedrock, NQ	0-500 ft. @ \$19.50/ft. 500 ft. - 1000 ft. @ \$21.50/ft.
Mob/Demob	\$600.00
Moving between holes, cementing, dip tests, standby time	at field cost.
Field Costs:	Labour @ \$15.00/hr. Equipment Rental - standby \$15.00/hr. - operating \$25.00/hr. Tools and materials consumed cost + 20%
Water Supply	No charge
Core Boxes	Cost + 20%
Bit Costs in excess of \$5.00/ft.	At cost

Costs*:

558 ft. on High Grade Vein	
3230 ft. on Black Panther	
See attached copies of invoices for breakdown	\$104,530.70
Helicopter support costs - total \$49,657.14	
Credit requested 50%	<u>24,878.52</u>
<u>Total</u>	<u>\$129,409.22</u>


JAN RESOURCES LTD.

*Back-up documentation attached.

SAWYER CONSULTANTS INC.

JAN RESOURCES LTD.

811 - 543 GRANVILLE ST. VANCOUVER B.C. V6C 1X8 TELEPHONE: (604) 681-9565

June 22, 1981

Mr. Paul Sawyer,
Sawyer Consultants Inc.,
Suite 1201,
675 West Hastings St.,
Vancouver, B.C.

Dear Mr. Sawyer;

Re: Assessment Report
Mar-Jan-Remy Group

Attached please find copies of statements from Pacific Helicopters Ltd. and Richmond Diamond Drilling for the drilling done on the above claims which include the Black Panther Claims, broken down as follows:

<u>Diamond Drilling</u> - 558 ft. on the High Grade vein and 3230 ft. on the Black Panther - cost	\$ 104,530.70
<u>Helicopter</u> - moving men and drill etc. total cost \$49,657.14 (50% allowed)	\$ 24,878.52
	<hr/>
	\$ 129 409.22
	<hr/>

If we added engineering and work done by Tarbo Resources Ltd., along with the geophysical work done by Glen White Engineering this would be much higher. However, we don't need it and I can't see much point to adding all the extra invoices. Let me know if you disagree.

Sincerely,

JAN RESOURCES LTD.

Verna
Verna Wilson

VW/
Encls.

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

November 13, 1980

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To carry out surface diamond drilling on your property at Mt. McQuillan

Hole # SL 80-4 - Coring NQ - 224 to 500 feet - 276 feet @ \$ 19.50 ✓	\$ 5,382.00	←
✓ Coring NQ - 500 to 522 feet - 22 feet @ \$ 21.50 ✓	473.00	←
Hole # SL 80-5 - Coring NQ - 419 feet @ \$ 19.50 per foot ✓	8,170.50	←
✓ Casing MW - 10 feet @ \$ 21.00 ✓	210.00	←
✓ Field cost man hours - 9 @ \$ 15.00 ✓	135.00	←
Hole # VGH - 1 ✓ Coring NQ - 251 feet @ \$ 19.50 ✓	4,894.50	←
✓ Casing MW - 9 feet @ \$ 21.00 ✓	189.00	←
✓ Field cost man hours - 155 @ \$ 15.00 ✓	2,325.00	←
Hole # HGV - 2 - Coring NQ - 307 feet @ \$ 19.50 per foot ✓	5,986.50	←
✓ Casing MW - 6 feet @ \$ 21.00 ✓	126.00	←
✓ Field cost man hours - 84 @ \$ 15.00 ✓	1,260.00	←
✓ Equipment standby - 38 hours @ \$ 15.00 ✓	570.00	←
- 6 LSD Turbo B Jet Fuel - bill #8487, dated Oct. 24/80	391.14	←
- Core boxes (54)	262.55	←
- Total balance now due	\$ 30,375.19	←

\$14,310.50

220 @ 15.00

38 @ 15.00

6 @ 15.00

1120
7
155
24

248

FIELD MAN HRS PAID 220 @ 15.00 = 3,300
EQUIPMENT STAND BY 6 @ 15.00 = 90

\$ 15,104.69
2,470.50
\$ 30,375.19
→ pd by cheque # 1157

220 @ 15.00
38 @ 15.00

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

February 5, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To carry out surface diamond drilling on your property at Mt. McQuillan

Hole # BP 81-1 - Casing NW - 44 feet @ \$ 23.00 per foot	\$ 1,012.00	✓
- Coring NQ - 500 feet @ \$ 21.50 per foot	10,750.00	✓
- Coring NQ - 301 feet @ \$ 23.50 per foot	7,073.50	✓
- Man hours - 55 hours @ \$ 20.00 per hour	1,100.00	
- Equipment hours - 1 hour @ \$ 25.00 per hour	25.00	✓
- Drilling mud - 3 buckets @ \$ 155.00 each		
plus 4% - plus 20%	580.32	✓
- Core boxes & lids - 100 only	755.04	✓
	<hr/>	
	\$ 21,295.86	
	<hr/>	
	- 1,100.00	
	<hr/>	
	20,195.86	

J.P.
Feb 6/81

Richmond Diamond Drilling Co. Ltd.

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

April 30, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To demobilize from your property at Mt. McQuillan

Demobilization	\$ 300.00 ✓
Imperial Oil bill #5913 paid by us error	620.15 ✓
Less deposits (credit was to us)	180.00- ✓
Rooms for move out	128.00 ✓
Board	131.60 ✓
Man hours - 64 @ \$ 20.00 per man hour	<u>1,280.00</u> ✓
Payable upon receipt	\$ 2,279.75 ✓

O.K.
JST.
May 12/81

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

February 26, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To carry out surface diamond drilling on your property at Mt. McQuillan

Hole # BP 81-2 - Casing M _d - 24 feet @ \$ 23.00 per foot	\$	552.00	✓
- Coring NQ - 0 - 500 feet @ \$ 21.50 per foot		10,750.00	✓
- Coring NQ - 302 feet @ \$ 23.50 per foot		7,097.00	✓
- Drilling mud - 4 buckets @ \$ 155.00 each			
plus 4% - plus 20%		786.65	✓
- Drilling mud - 4 bags super gel @ \$ 6.57 each			
plus 4% - plus 20%		<u>32.79</u>	✓
- Amount due	\$	19,218.44	✓

*Jan - Oliver
Exp. Feb 27/81*

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

March 17, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To carry out surface diamond drilling on your property at Mt. McQuillan

To reset up on Hole #BP 81-2

- Moving, reaming down hole, acid tests -	
✓ Man hours - 44 hours @ \$ 20.00 per man hour	\$ 880.00 ✓
✓ - Machine operating - 38 hours @ \$ 25.00 per hour	950.00 ✓
- Coring NQ - 802 feet to 838 feet - 36 feet @ \$ 23.50 per foot	846.00 ✓
- Bit cost for reaming	<u>198.92</u> ✓
- Amount due	\$ 2,874.92 ✓

Jan Oliver
OK
JSP
Mar 17/81

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

March 17, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To carry out surface diamond drilling on your property at Mt. McQuillan

Hole # BP 81-4

- Casing NW - 20 feet @ \$ 23.00 per foot	\$ 460.00 ✓
- Coring NQ - 0 to 500 feet \$ 26.41 per foot	13,205.00 ✓
- Coring NQ - 500 to 501 feet @ \$ 27.91 per foot	27.91 ✓
- Acid tests - 8 man hours @ \$ 20.00 per hour	160.00 ✓
- Core boxes and lids - 100 only	<u>755.04</u> ✓
- Amount due	\$ 14,607.95 ✓

Jan - O'Brien
OK
2/16-17/81

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323.

March 4, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To carry out surface diamond drilling on your property at Mt. McQuillan

Revised man hours on February 5, 1981 invoice

Hole # BP 81-1 - Man hours - 32 @ \$ 20.00 per hour \$ 640.00

Jan-Oliver
OK
JSL
Mar 9/81

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

March 4, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To carry out surface diamond drilling on your property at Mt. McQuillan

Hole # 3P 81-3 - Casing NW - 41 feet @ \$ 23.00 per foot	\$ 943.00 ✓
- Coring NQ - 500 feet @ \$ 21.50 per foot	10,750.00 ✓
- Coring NQ - 7 feet @ \$ 23.50 per foot	164.50 ✓
- Man hours - 31 hours @ \$ 20.00 per hour	<u>620.00</u>
- Amount due	12,477.00

Jan-Olin
OK
JSL
Mar 9/81

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

January 5, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

Man hours, expenses, equipment to prepare drill site for set-up at Black Panther
on Mt. McQuillan

Sat. Nov. 22, 1980 - 3 men - 30 hours @ \$ 15.00	\$ 450.00 ✓
Sun. Nov. 23, 1980 - 3 men - 24 hours @ 15.00	360.00 ✓
Mon. Nov. 24, 1980 - 4 men - 32 hours @ 15.00	480.00 ✓
Tue. Nov. 25, 1980 - 4 men - 32 hours @ 15.00	480.00 ✓
Wed. Nov. 26, 1980 - 4 men - 32 hours @ 15.00	480.00 ✓
Thur. Nov. 27, 1980 - 4 men - 32 hours @ 15.00	480.00 ✓
Wood for decking	123.29 ✓
Crew expenses - room and board at Timberlodge - less L.D. calls	<u>908.00</u> ✓
No charge for pick-ups and gas	
	\$ 3,761.29 ✓

*Oliver - Joint Venture
OK.
28.
Jan 5/81*

Richmond Diamond Drilling Co. Ltd.

7551 ASH STREET, RICHMOND, BRITISH COLUMBIA • V6Y 2S2 • TELEPHONE: OFFICE 273-3323,

January 5, 1981

In account with:

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.
V6C 1X8

To carry out surface diamond drilling on your property at Mt. McQuillan

Hole # BP 80-1 - Coring NQ - 0 to 500 feet @ \$ 19.50 per foot	\$ 9,750.00 -
- Coring NQ - 500 to 580 feet @ \$ 21.50 per foot	1,720.00 ✓
- Casing NW - 30 feet @ \$ 21.00 per foot	630.00 ✓
- Man hours - 50 @ \$ 15.00	750.00 ✓
- Core boxes - 100 only	<u>520.80 ✓</u>
	\$ 13,370.80

5,761.20

5,761.20

*Oliver Joint Venture
OK. Jsl.
Jan 5/81*

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
No. 417

TO

Jan Resources Ltd;
811-543 Granville St.
Vancouver.B.C.

DATE:-
Sept 29th 1980.
YOUR REF:-
T.F.Schorn.

FLIGHT REPORT NUMBERS	HELICOPTERS	PERIOD	
1929	C-GJBW	Sept. 26th 1980.	
HOURS FLOWN	RATE	FUEL	CHARGES

4.4 hours at \$370.00 per hour

\$1628.00

Fuel- 105.6 gls at \$1.20 per hour

\$126.72

TOTAL

\$1754.72.

SEP 30 1980

*Paid by check #1145
Oct 28/80*

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 432

TO

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C. V6C 1X8

DATE: 21st Oct 1980.

YOUR REF.:

FLIGHT REPORT NUMBERS 1930	HELICOPTERS C-FJBW	PERIOD Oct 1st 1980.	
HOURS FLOWN	RATE	FUEL	CHARGES

3.8 hours at \$370 er hr.

\$1,406.00

Fuel & Oil 95 gals @ \$1.44

136.80

Total Due

\$1,542.80

*JAN - MT. MCGONCANN
O.K. Oct 22/80*

OCT 22 1980

*Pay by cheque
#1175
Oct 28/80*

Pacific Helicopters Ltd.

4193 - 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 433

TO

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver. B.C, V6C 1X8

DATE:- 21st October 1980.

YOUR REF:-

FLIGHT REPORT NUMBERS 1451, 1456, 1458, 1526, 1527	HELICOPTERS C-GIWN	PERIOD Oct 6th, 10th, 11th, 17th, 18th
---	-----------------------	---

HOURS FLOWN	RATE	FUEL	CHARGES
-------------	------	------	---------

12.2 hours at \$400 ✓ \$4,880.00

Fuel & Oil 305 gals at \$1.44 439.20

Total Due \$5,319.20

Pilot Expenses due to weather 60.30 ✓

Final Total \$5,379.50

*Jan - Mt. McQuillan
OK
22/10/80
Oct 22/80*

*OCT 22 1980
PA by [unclear]
#145
Oct 22/80*

Pacific Helicopters Ltd.

4193 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

№ 456

TO

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.

DATE: 14th November 1980.

YOUR REF.:

FLIGHT REPORT NUMBERS	HELICOPTERS	PERIOD	
1471	C-GXPQ	24th October 1980.	
HOURS FLOWN	RATE	FUEL	CHARGES

2.9 hours at \$370 per hour

\$1073.00

Fuel & Oil 37.5 @ \$1.44

54.00

Total Due

\$1127.00

*OK. Nov 20/80
ZP. change - Mar-Jan - Sullivan
paid by cheque #1166
Nov 20/80*

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
Nº 457

TO
Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.

DATE: 14th November 1980.
YOUR REF:

FLIGHT REPORT NUMBERS
1304 and 1305

HELICOPTERS
C-GZAP

PERIOD
27th & 28th Oct 1980.

HOURS FLOWN

RATE

FUEL

CHARGES

10.9 hours at \$400 per hour

\$4360.00

90 gals of fuel only @ \$1.44 per gal

129.60

Total Due:

\$4489.60

OK.
28 Nov 20/80
Change Mar-Jan - Dullin
20 by cheque #
1161
11/20/80

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 469

TO

Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver, B.C.

DATE:-

14th November 1980.

YOUR REF:-

FLIGHT REPORT NUMBERS	HELICOPTERS	PERIOD	
1327 1329 1330	C-GKMI	2nd Nov 10th Nov & 11th Nov	
HOURS FLOWN	RATE	FUEL	CHARGES

8.5 hours at \$400 per hour

\$3,400.00 ✓

Fuel used 101 gals at \$1.44
& Oil

145.44 ✓

Total Due

\$3,545.44

*OK
JSP
change - MAX-JAN DRILLING
Jed. by helicopter = 1160
MEX 20/55
WV*

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/8

INVOICE
Nº 625

TO Jan Resources Ltd.,
811 - 543 Granville Street,
Vancouver. B.C.

DATE:- 28th Nov 1980.

YOUR REF:-

HOURS FLOWN	RATE	FUEL	CHARGES
-------------	------	------	---------

FLIGHT REPORT NUMBERS	HELICOPTERS	PERIOD
0082	C-GKMI	19th Nov 1980.

5.7 hours at \$400 per hour

\$2280.00

148 gal at \$1.44 per gal
and oil

213.12

Total Due

\$2493.12

*O.K.
28
Dec 5/80*

Pacific Helicopters Ltd.

4193 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
Nº 629

TO

Jan Resources Ltd.,
211 - 543 Granville,
Vancouver. B.C.

DATE: Dec 3rd 1980.

YOUR REF: -

FLIGHT REPORT NUMBERS
1334 thru 1340 & 1601

HELICOPTERS
C-GKMI

PERIOD
Nov 22nd thru Dec 3rd 1980

HOURS FLOWN

RATE

FUEL

CHARGES

17 hours at \$400 per hour

\$6,800.00

Fuel & Oil

563.04

\$7,363.04

Expenses for Pilot Ted Bell

Meals

36.00

Hotel

142.30

Total Due

\$7541.34

*zpl.
Dec 15/80
paid by cheque #1129
Dec 16/80.*

Pacific Helicopters Ltd.

4193 - 104TH ST. R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 640

TO

Jan Resources.,
211 - 543 Granville,
Vancouver. B.C.

DATE:- 9th Dec 1980.

YOUR REF:-

FLIGHT REPORT NUMBERS 1604	HELICOPTERS C-GIWN	PERIOD Dec 8th 1980.	
HOURS FLOWN	RATE	FUEL	CHARGES

2.7 hours at \$400 per hour

\$1080.00

Fuel & Oil at \$1.44 per gal

108.86

Total Due

\$1188.86

*pd-by cheque # 1129
received
U.S.*

Pacific Helicopters Ltd.

4193 - 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
Nº 641

TO

Jan Resources.,
 211 - 543 Granville,
 Vancouver. B.C.

DATE:- 9th Dec 1980.

YOUR REF:-

FLIGHT REPORT NUMBERS		HELICOPTERS MISC	PERIOD	
HOURS FLOWN	RATE		FUEL	CHARGES

Jet Fuel Moved at Nanimo
 By Mr Rick Haymond.

225.00

Jan
OK.
30 p.
Dec 15/80
pt-by cheque #1179 ✓
Rick 12/18

Accounts payable 15 days from invoice date. Overdue accounts will accumulate 2% interest per month.
 Service offered subject to terms and conditions of Pacific's tariff as filed with the A.T.C.

Pacific Helicopters Ltd.

4193 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
N^o 644

TO

Jan Resources Ltd.,
211 - 543 Granville Street,
Vancouver. B.C.

DATE:- 23rd Dec 1980.

YOUR REF:-

FLIGHT REPORT NUMBERS
1605, 1606 1608

HELICOPTERS
C-GIWN

PERIOD
Dec 15th, 17th 23rd 1980.

HOURS FLOWN

RATE

FUEL

CHARGES

6.8 hours at \$400 per hour

\$2720.00 ✓

Fuel & Oil at \$1.44 per gal 170.2

245.08 ✓

Total Due

,\$2965.08 ✓

*Oliver Joint Venture
OK.
JSL.
Jan 5/81*

Pacific Helicopters Ltd.

4193 · 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
No. 528

TO

Jan Resources.,
211 - 543 Granville Street,
Vancouver, B.C.

DATE: Jan 13th 1981.

YOUR REF.:

HOURS FLOWN	RATE	FUEL	CHARGES
FLIGHT REPORT NUMBERS 1610 1611		HELICOPTERS C-GIWN	PERIOD Jan 13th & 14th 1981.

6.7 ^{6.5} hours	at \$400 per hour	2600.00	\$2688.00
154 gals	gals at \$1.30	200.20	
Oil		8.04	
Total Due		<u>2808.24</u>	\$2888.24

Jan 14th

Phoned Pac. Helicopters re discrepancy - Al's Dept.
personnel at convention - will call back next Monday.

McQuillan joint venture
J.P.
Jan 17/81

Pacific Helicopters Ltd.

4193 - 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/8

INVOICE

Nº 546

TO

Jan Resources.,
211 - 543 Granville Street,
Vancouver. B.C.

DATE:- 26th Jan 1981.

YOUR REF.:

HOURS FLOWN	RATE	FUEL	CHARGES
-------------	------	------	---------

FLIGHT REPORT NUMBERS	HELICOPTERS	PERIOD
1343	C-GKMI	Jan 20th 1981

2.5 hours at \$400 per hour \$1000.00

70 gals at \$1.40 per gal 98.00

Oil \$1.20 per hr 3.00

Total Due: \$1101.00

*Order - Jan
JSL
Jan 30/81
cheque #105*

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 547

TO

Jan Resources.,
811 - 543 Granville Street,
Vancouver. B.C.

DATE: 28th Nov 1980

YOUR REF.:

HOURS FLOWN	RATE	FUEL	CHARGES
-------------	------	------	---------

FLIGHT REPORT NUMBERS	HELICOPTERS	PERIOD
0081	C-GMPZ	20/11/80

3.3 hours at \$950 per hour		\$3135.00
Fuel & Oil 247 gals at \$1.44		355.68
1 drum left at site	64.80	
	<u>25.00</u>	
	89.80	<u>89.80</u>
	Total Due	\$3580.48

*OK
25/1 Feb 2/81
charges = 105*

Pacific Helicopters Ltd.

4193 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 550

TO

Jan Resources.,
211 - 543 Granville Street,
Vancouver. B.C.

DATE: Jan 27th 1981.

YOUR REF.:

FLIGHT REPORT NUMBERS

HELICOPTERS
MISC C-GIWN

PERIOD

15th Jan 1981

HOURS FLOWN

RATE

FUEL

CHARGES

Expenses for Pilot Ted Bell overnight
Timberlodge.

\$42.35

*OK
28 Feb 2/81
Charges \$105*

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
Nº 553

TO
Jan Resources Ltd.,
811- 543 Granville Street,
Vancouver. B.C.

DATE: Feb 5th 1981.

YOUR REF: ..

FLIGHT REPORT NUMBERS
1615 1614 ~~1364~~

HELICOPTERS
C-GIWN

PERIOD ~~27~~
Jan 26 & 28th 1981.

HOURS FLOWN

RATE

FUEL

CHARGES

3.9 hours at \$400 per hour

\$1560.00

Fuel & Oil 109.2 gals at \$1.40

152.88

Oil

4.68

Total Due

\$1717.56

Jan-O'Brien
OK
Feb 19/81

Pacific Helicopters Ltd.

4193 - 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 554

TO

Jan Resources Ltd/
811 - 543 Granville Street,
Vancouver. B.C.

DATE: 4th February 1981.

YOUR REF:

HOURS FLOWN	RATE	FUEL	CHARGES
-------------	------	------	---------

FLIGHT REPORT NUMBERS
1344

HELICOPTERS
C-GKMI

PERIOD
Feb 3rd 1981.

2.2 hours at \$400 per hour			\$880.00
Fuel & Oil		70 gals at \$1.40	98.00
		Oil	<u>2.64</u>
		Total Due	\$980.64

Jan-Oliver
OK
Feb 19/81

Pacific Helicopters Ltd.

4193 · 104TH ST. R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
Nº 583

TO

Jan Resources Ltd.,
211 - 843 Granville Street,
Vancouver, B.C.

DATE: 18th Feb 1981.

YOUR REF: .

HOURS FLOWN	RATE	FUEL	CHARGES
-------------	------	------	---------

FLIGHT REPORT NUMBERS

1349 1676

HELICOPTERS

C-GKMI

PERIOD

16th & 18th Feb 1981.

4.2 hours at \$400 per hour

\$1680.00

Fuel & Oil used by Pacific 97 gals at \$1.44

139.68

Total Due

\$1819.68

Jan - Oliver
OK.
J.P. MAR 2/81

Pacific Helicopters Ltd.

4193 · 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 600

TO

Jan Resources.,
811 - 543 Granville Street,
Vancouver, B.C.

DATE: 25th Feb 1981.

YOUR REF:

HOURS FLOWN	RATE	FUEL	CHARGES
-------------	------	------	---------

FLIGHT REPORT NUMBERS	HELICOPTERS	PERIOD
-----------------------	-------------	--------

1677

C-GKMI

24th Feb 1981.

2.1 hours at \$400 per hour

\$840.00 ✓

93 gals at \$1.44
Fuel & Oil

133.92 ✓

\$ 973.92 ✓

*Jan-Oliver
ESP Feb 27/81*

*pd by cheque #110
Feb 27/81*

Pacific Helicopters Ltd.

4193 - 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
No. 673

TO

Jan Resources.,
811 - 543 Granville Street,
Vancouver. B.C.

DATE: 5th March 1981.

YOUR REF.:

FLIGHT REPORT NUMBERS
1681

HELICOPTERS
C-GKMI

PERIOD
3rd March 1981

HOURS FLOWN

RATE

FUEL

CHARGES

2.2 hours at \$400

\$880.00 ✓

20 gals at \$1.44 per gal
Fuel & Oil

28.80

\$908.80 ✓

MAR - 9 1981

Jan. Clavin
28
Mar 9/81
Job charge # 107

Pacific Helicopters Ltd.

4193 - 104TH ST. R.R. 3. DELTA. B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 678

TO

Jan Resources.,
811 - 543 Granville Street,
Vancouver. B.C.

DATE: 13th March 1981.

YOUR REF:-

FLIGHT REPORT NUMBERS
1617

HELICOPTERS
C-GLGF

PERIOD
11th March 1981

HOURS FLOWN

RATE

FUEL

CHARGES

3.9 hours at \$400 per hour

\$1560.00

60 gals at \$1.50

90.00

\$1650.00

Jan-Oliver

O.K.

JSL
Mar 17/81

pd. by cheque # 112

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE

Nº 683

TO

Jan Resources.,
811 - 543 Granville Street,
Vancouver. B.C.

DATE: 19th March 1981.

YOUR REF:-

FLIGHT REPORT NUMBERS	HELICOPTERS MISC	PERIOD	
HOURS FLOWN	RATE	FUEL	CHARGES

Fuel delivered to site as per attached receipts.

\$1055.70

Jan-oliver
OK'd
JSL. Mar 23/81

pd by check
2/12

Pacific Helicopters Ltd.

4193 - 104TH ST., R.R. 3, DELTA, B.C. V4K 3N3 TELEPHONE (604) 591-8265/6

INVOICE
No 693

TO

Jan Resources.,
811 - 543 Granville Street,
Vancouver. B.C/

DATE:- 26th March 1981.

YOUR REF:-

HOURS FLOWN	RATE	FUEL	CHARGES
-------------	------	------	---------

FLIGHT REPORT NUMBERS	HELICOPTERS	PERIOD
-----------------------	-------------	--------

1619 & 1620

C-GLGF

Mar 20th & 21st 1981

10.2 hours at \$400 per hour

\$4080.00

300 gals at \$1.44

432.00

\$4512.00

*Jan-oliver
OK.
March 31/81
Pd. - paid
dy #116*



OKANAGAN HELICOPTERS LTD.
 1391 AGAR DRIVE, RICHMOND, B.C. V7B 1A5
 TELEPHONE (604) 278-5502 TELEX 04 355394

TO Jan Resources
 811-543 Granville Street
 Vancouver B.C.
 V6C 1X8



INVOICE NUMBER
1-6543
 INVOICE DATE
25/09/80
 PAGE
1

OUR REFERENCE NO.

83717

CUSTOMER P.O. NO.

For charter of our 214 Helicopter GJNU.

Flying Sept. 16 1980 as per attached flight reports #
 389525.

2.9 hours @ 1650.00 per hour	\$ 4785.00
------------------------------	------------

Plus fuel supplied by Okanagan Helicopters Ltd.

122.0 gallons @ 1.14 per gallon	139.08
---------------------------------	--------

Plus oil supplied by Okanagan Helicopters Ltd.

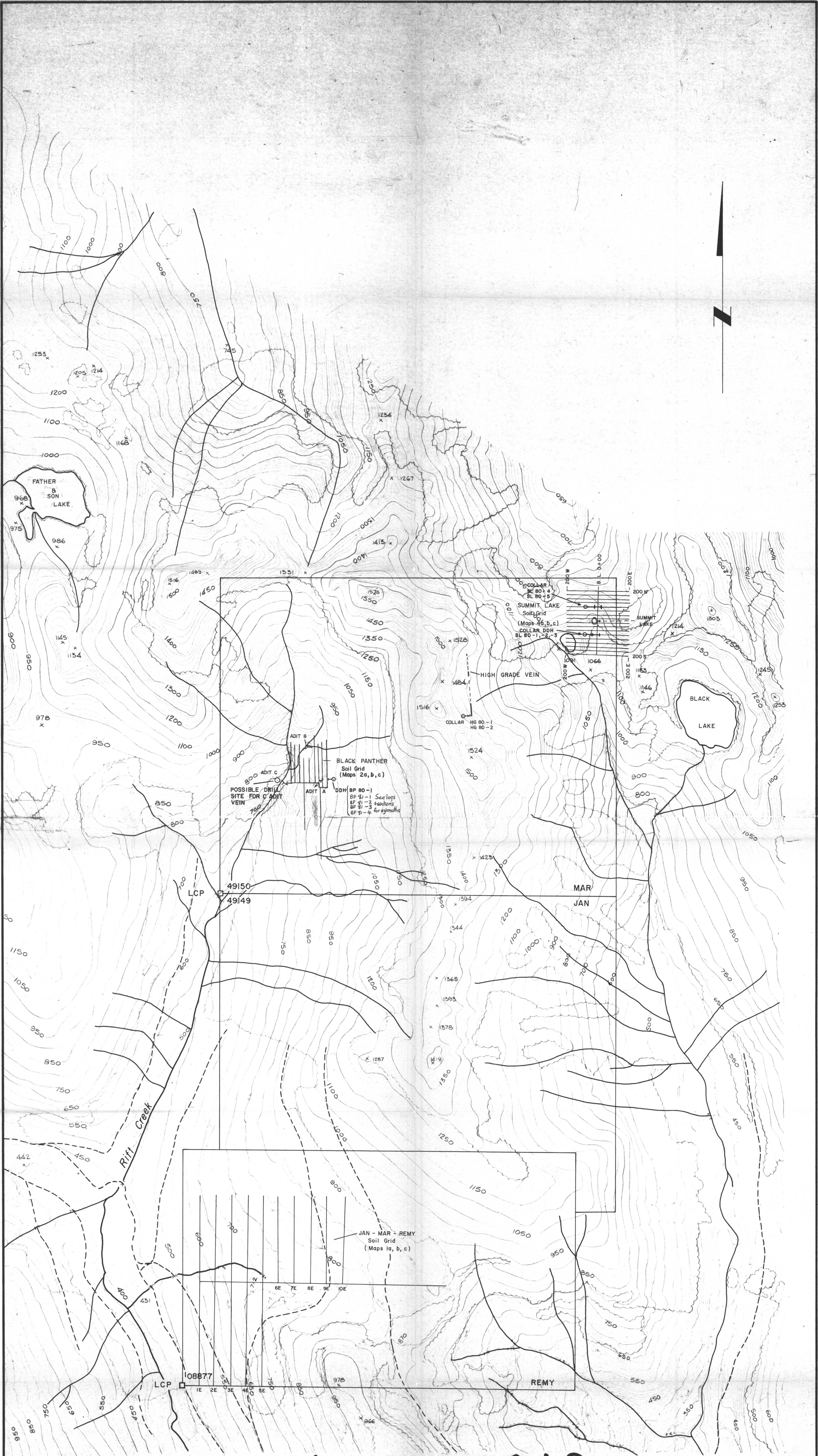
2.9 hours @ 2.50 per hour	7.25
---------------------------	------

\$ 4931.33

Payment Terms: Due upon receipt of invoice.

Interest at 1½% per month will be charged
 on all overdue invoices.

SEP 30 1980

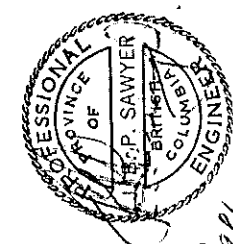
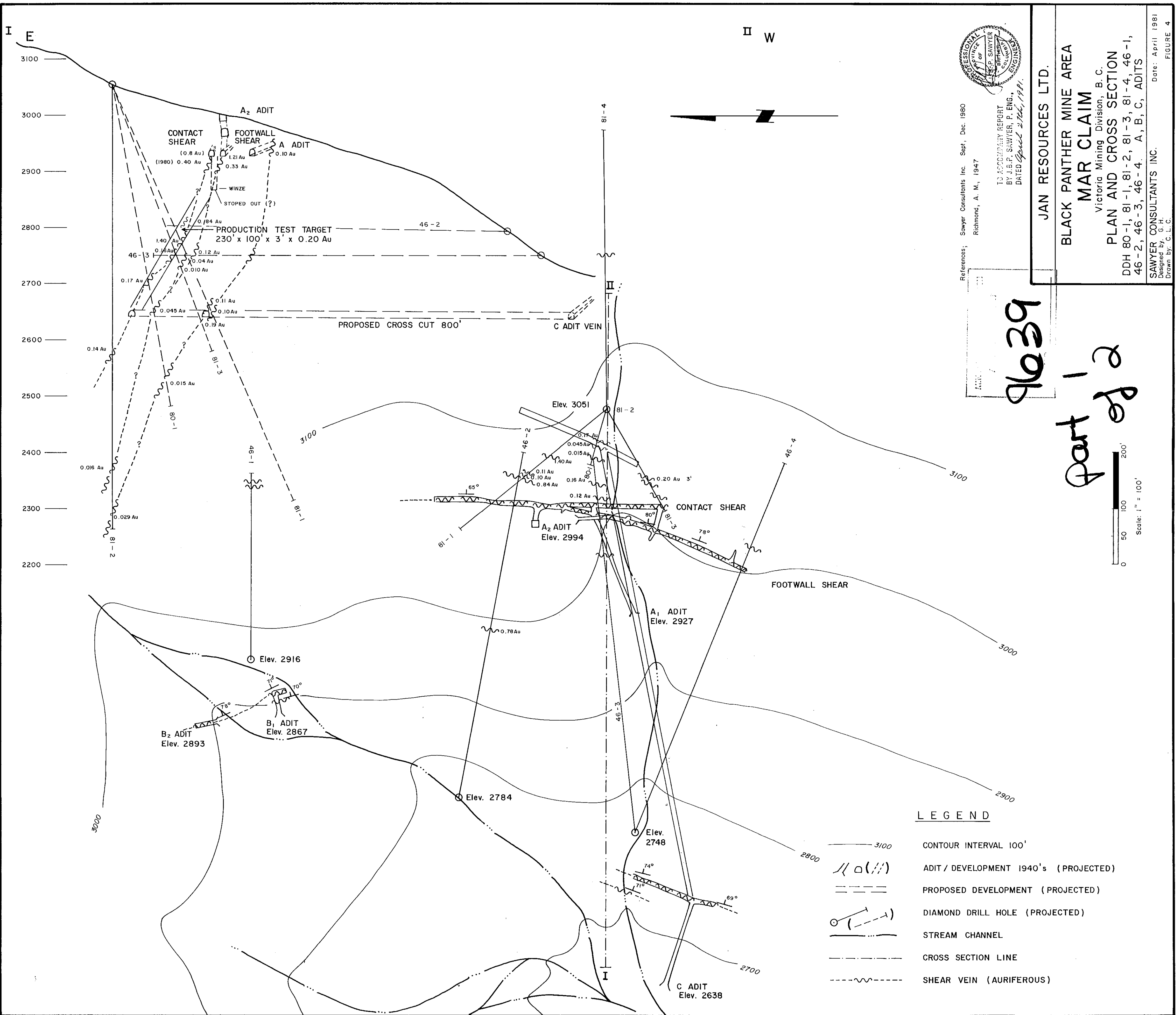


part 1 of 2

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9639

TO ACCOMPANY REPORT
BY J. B. P. SAWYER, P. ENG.
DATED April 24th, 1981

JAN RESOURCES LTD.
MOUNT McQUILLAN AREA
 VANCOUVER ISLAND
JAN-MAR-REMY CLAIMS
 Victoria Mining Division, B. C.
PROPERTY MAP
 0 100 200 300 400 500 Metres
 Scale: 1:10,000 NTS 92 F/2
 SAWYER CONSULTANTS INC. DATE: DECEMBER 1980
 DRAWN BY: C. L. Cory MAP A



References: Sawyer Consultants Inc. Sept., Dec. 1980
 Richmond, A. M., 1947

TO ACCOMPANY REPORT
 BY J.P. SAWYER, P. ENG.,
 DATED April 27th, 1981.

JAN RESOURCES LTD.
 BLACK PANTHER MINE AREA
MAR CLAIM
 Victoria Mining Division, B. C.
 PLAN AND CROSS SECTION
 DDH 80-1, 81-1, 81-2, 81-3, 81-4, 46-1,
 46-2, 46-3, 46-4. A, B, C, ADITS
 SAWYER CONSULTANTS INC.
 Date: April 1981
 FIGURE 4

96039

Part 1 of 2



LEGEND

- CONTOUR INTERVAL 100'
- ADIT / DEVELOPMENT 1940's (PROJECTED)
- PROPOSED DEVELOPMENT (PROJECTED)
- DIAMOND DRILL HOLE (PROJECTED)
- STREAM CHANNEL
- CROSS SECTION LINE
- SHEAR VEIN (AURIFEROUS)

AVERAGE TOPOGRAPHIC EXPRESSION

W E

10 N

30 N

50 N

70 N

90 N

110 N

130 N

150 N

170 N

190 N

210 N

230 N

250 N

270 N

290 N

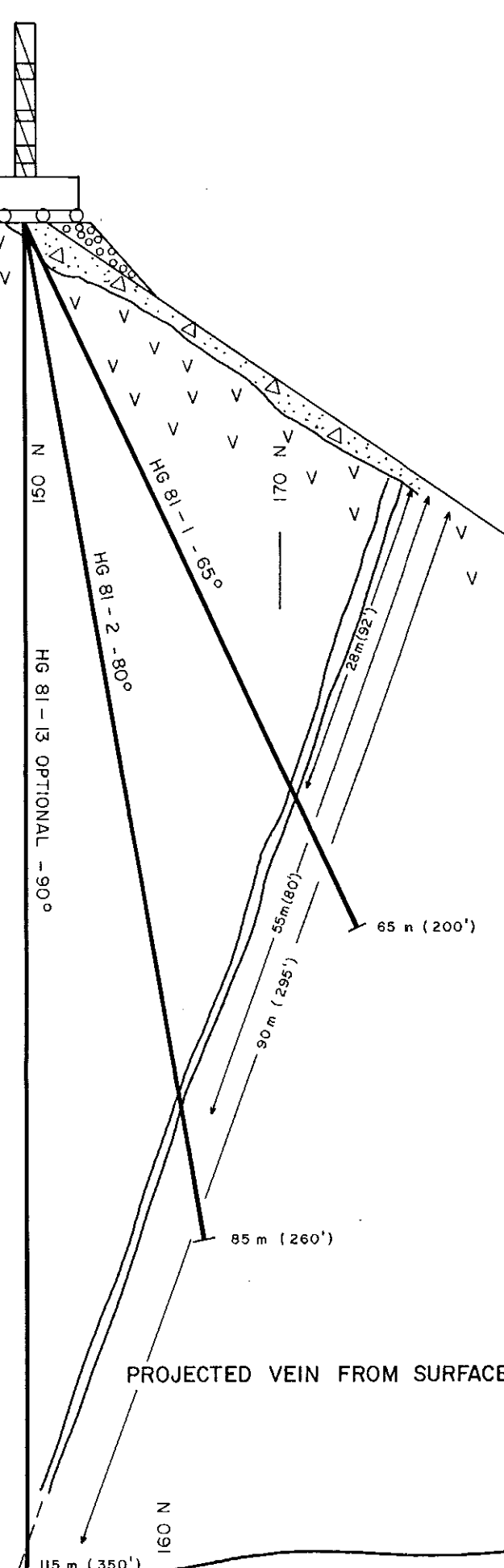
310 N

330 N

350 N

370 N

E. W. SECTION



MINEABLE GRADES OVER NARROW WIDTHS

S

ZONE C

HG 80-1 0.27 Au (3')

HG 80-2 0.19 Au (3')

ZONE B

~ 3500 TONS 0.12 Au OVER 3' (0.91m)

HG 81-1

HG 81-2

OPTIONAL HG 81-13

HG 81-3

HG 81-4

HG 81-5

OPTIONAL HG 81-14

NOT SAMPLED

HG 81-6

HG 81-7

OPTIONAL HG 81-15

N-S SECTION

HG 81-8

HG 81-9

OPTIONAL HG 81-16

ZONE A

~ 3100 TONS 0.26 Au OVER 3' (0.91m)

HG 81-10

HG 81-11

OPTIONAL HG 81-17

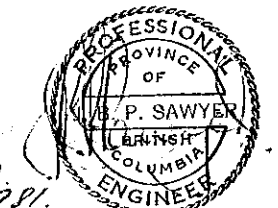
HG 81-12

HG 81-13

OPTIONAL HG 81-18

Part 1 of 2 9639

TO ACCOMPANY REPORT BY J.B.P. SAWYER, P. ENG., DATED April 27th, 1981.



JAN RESOURCES LTD.

HIGH GRADE VEIN MAR CLAIM

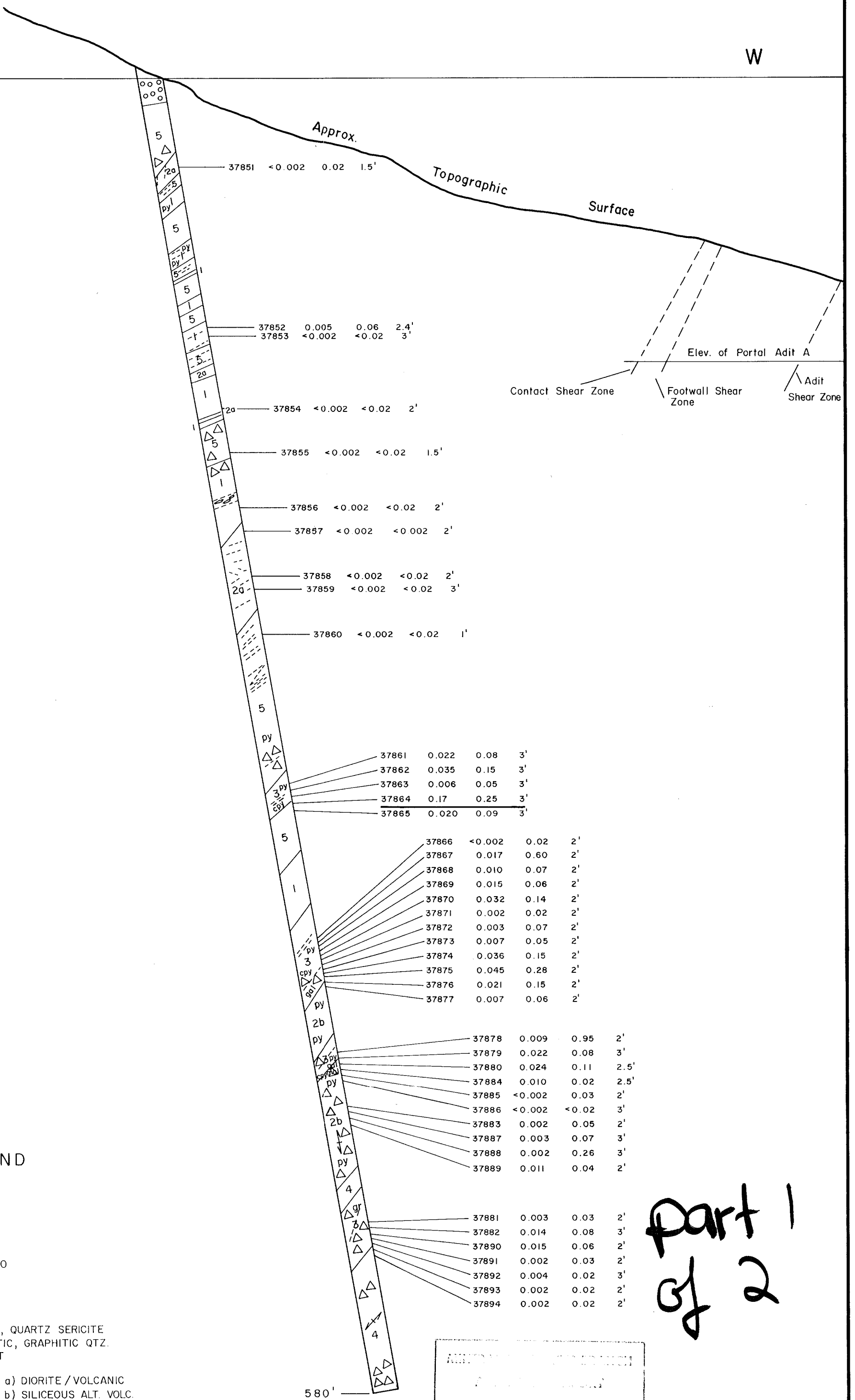
Victoria Mining Division, B. C.

N-S LONGITUDINAL SECTION & POSSIBLE TONNAGE IN SAMPLED AREAS E-W TYPE CROSS SECTION & 1981 DRILL PLAN

SAWYER CONSULTANTS INC. Date April 1981 Designed by G.H. Drawn by C.L.C. Scale 1:500 FIGURE 5

E

W



LEGEND

SICKER GROUP

- OVERBURDEN
- DIORITE, GABBRO
- DACITE
- SERICITE SCHIST, QUARTZ SERICITE SCHIST HEMATITIC, GRAPHITIC QTZ. SERICITE SCHIST
- HYBRID ROCKS a) DIORITE /VOLCANIC b) SILICEOUS ALT. VOLC. c) SERPENTINIZED VOLC.
- VOLCANICS - ANDESITE, BASALT

- BRECCIATED
- VESICULAR

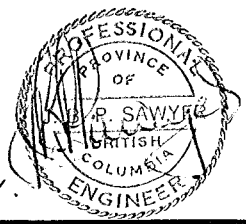
- py PYRITE hem HEMATITE
- cpy CHALCOPYRITE
- gal GALENA
- mal MALACHITE
- gr GRAPHITE
- FOLIATION VEIN SHEARING

Sampling	Sample No.	Au oz/t	Ag oz/t	Width
	37851	<0.002	0.02	1.5'

part 1 of 2

9639

TO ACCOMPANY REPORT BY J.B.P. SAWYER, P. ENG., DATED April 27th, 1981.



JAN RESOURCES LTD.

JAN - MAR - REMY CLAIMS
BLACK PANTHER MINE
Victoria Mining Division, B.C.

DDH BP 80-1 VERTICAL SECTION

Scale: 1 Inch = 40 Feet

SAWYER CONSULTANTS INC. Date: April 1981
Designed by: F. Yacoub
Drawn by: C. L. Cory Figure 6

SE

NW

APPROX. TOPOGRAPHIC SURFACE

37895 0.002 0.08 2'

37896 0.011 0.02 2'

37898 0.002 <0.02 <3.5'
37897 0.002 0.02 2'

37899 0.043 0.21 2'
 37900 0.006 0.08 2.5'
 37901 0.003 0.02 3'
 37804 0.035 0.02 2'
 37905 1.40 2.24 2'
 43151 0.010 0.02 3'
 43152 <0.002 <0.02 3'
 43153 0.008 <0.02 3'
 43154 <0.002 0.03 2'
 37902 0.041 0.28 3'
 37903 0.006 0.13 2'
 43155 0.006 0.04 2'
 43156 0.002 0.09 2'
 43157 <0.002 0.06 3'
 43158 <0.002 <0.04 3'
 43159 <0.002 <0.02 3'
 37906 0.017 0.03 3'
 43160 <0.002 <0.02 3'
 43161 <0.002 0.05 3'

43162 0.005 0.04 3'
 43163 <0.002 0.02 3'
 37907 0.027 0.08 2'
 43164 0.002 0.07 2'
 43165 0.002 0.05 2'
 37908 0.015 0.05 2.5'
 37909 0.11 0.20 2'
 43166 0.011 0.03 3'
 43167 <0.002 <0.02 3'
 43168 0.009 0.02 4'
 37910 0.002 0.02 2'
 37911 0.10 0.14 3'
 37912 0.007 0.40 2'
 37913 0.016 0.10 2'
 37914 <0.002 <0.02 2'
 37916 0.002 0.04 3'

37915 0.013 0.02 2'
 37917 0.004 0.02 2'
 37918 <0.002 <0.02 3'
 37919 0.003 0.02 3'
 43169 <0.002 0.02 2'
 43170 <0.002 0.02 2'
 37920 0.041 0.08 3'

41371 0.002 0.02 1'

37921 <0.002 0.03 3'

37922 0.003 0.04 2'
 37923 0.014 0.02 2'

37924 <0.002 <0.02 1.5'

43172 <0.002 <0.02 2'

43173 0.002 0.02 3'
 37925 0.073 0.05 0.5'
 43174 <0.002 0.02 2.5'

LEGEND

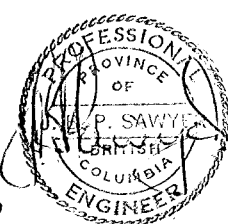
SICKER GROUP

- OVERBURDEN
- DIORITE, GABBRO
- DACITE
- SERICITE SCHIST, QUARTZ SERICITE SCHIST HEMATITIC, GRAPHITIC QTZ. SERICITE SCHIST
- HYBRID ROCKS a) DIORITE / VOLCANIC b) SILICEOUS ALT. VOLC. c) SERPENTINIZED VOLC.
- VOLCANICS - ANDESITE, BASALT

- BRECCIATED
- VESICULAR
- py PYRITE hem HEMATITE
- cpy CHALCOPYRITE
- gal GALENA
- mal MALACHITE
- gr GRAPHITE
- FOLIATION VEIN SHEARING

Sampling	Sample No.	Au oz/t	Ag oz/t	Width
	37851	<0.002	0.02	1.5'

TO ACCOMPANY REPORT
 BY J.B.P. SAWYER, P. ENG.,
 DATED April 27th, 1981.



Part 1 of 2

9639

JAN RESOURCES LTD.

JAN-MAR-REMY CLAIMS
 BLACK PANTHER MINE
 Victoria Mining Division, B.C.

DDH BP 81-1 VERTICAL SECTION

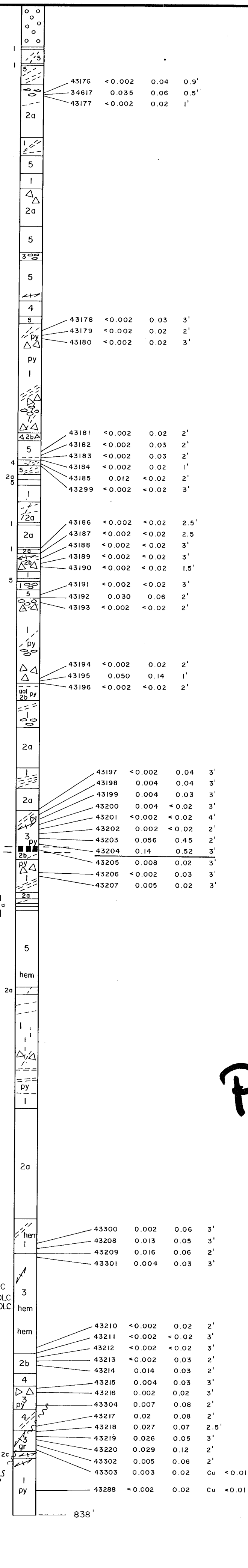
Scale: 1 Inch = 40 Feet

SAWYER CONSULTANTS INC.
 Designed by:
 Drawn by: C. L. C.

Date: April 1981
 Figure 7

N

S



43176	<0.002	0.04	0.9'
34617	0.035	0.06	0.5'
43177	<0.002	0.02	1'

43178	<0.002	0.03	3'
43179	<0.002	0.02	2'
43180	<0.002	0.02	3'

43181	<0.002	0.02	2'
43182	<0.002	0.03	2'
43183	<0.002	0.03	2'
43184	<0.002	0.02	1'
43185	0.012	<0.02	2'
43299	<0.002	<0.02	3'

43186	<0.002	<0.02	2.5'
43187	<0.002	<0.02	2.5'
43188	<0.002	<0.02	3'
43189	<0.002	<0.02	3'
43190	<0.002	<0.02	1.5'
43191	<0.002	<0.02	3'
43192	0.030	0.06	2'
43193	<0.002	<0.02	2'

43194	<0.002	0.02	2'
43195	0.050	0.14	1'
43196	<0.002	<0.02	2'

43197	<0.002	0.04	3'
43198	0.004	0.04	3'
43199	0.004	0.03	3'
43200	0.004	<0.02	3'
43201	<0.002	<0.02	4'
43202	0.002	<0.02	2'
43203	0.056	0.45	2'
43204	0.14	0.52	3'
43205	0.008	0.02	3'
43206	<0.002	0.03	3'
43207	0.005	0.02	3'

43300	0.002	0.06	3'
43208	0.013	0.05	3'
43209	0.016	0.06	2'
43301	0.004	0.03	3'

43210	<0.002	0.02	2'
43211	<0.002	<0.02	3'
43212	<0.002	<0.02	3'
43213	<0.002	0.03	2'
43214	0.014	0.03	2'
43215	0.004	0.03	3'
43216	0.002	0.02	3'
43304	0.007	0.08	2'
43217	0.02	0.08	2'
43218	0.027	0.07	2.5'
43219	0.026	0.05	3'
43220	0.029	0.12	2'
43302	0.005	0.06	2'
43303	0.003	0.02	Cu <0.01
43288	<0.002	0.02	Cu <0.01

Contact Shear ?

DDH BP 81-2

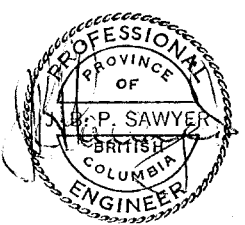
LEGEND

SICKER GROUP

- OVERBURDEN
- DIORITE, GABBRO
- DACITE
- SERICITE SCHIST, QUARTZ SERICITE SCHIST HEMATITIC, GRAPHITIC QTZ SERICITE SCHIST
- HYBRID ROCKS a) DIORITE / VOLCANIC b) SILICEOUS ALT. VOLC. c) SERPENTINIZED VOLC
- VOLCANICS - ANDESITE, BASALT
- BRECCIATED
- VESICULAR
- PYRITE
- CHALCOPYRITE
- GALENA
- MALACHITE
- GRAPHITE
- HEMATITE
- FOLIATION
- MASSIVE QUARTZ / VEIN

Part 1 of 2

MINERAL DEVELOPMENT BRANCH
 ANNUAL REPORT
9639



TO ACCOMPANY REPORT
 BY J.B.P. SAWYER, P. ENG.,
 DATED April 27th, 1981.

Sampling	Sample No.	Au. oz./t.	Ag. oz./t.	Width
	37851	0.002	0.02	1.5'

JAN RESOURCES LTD.

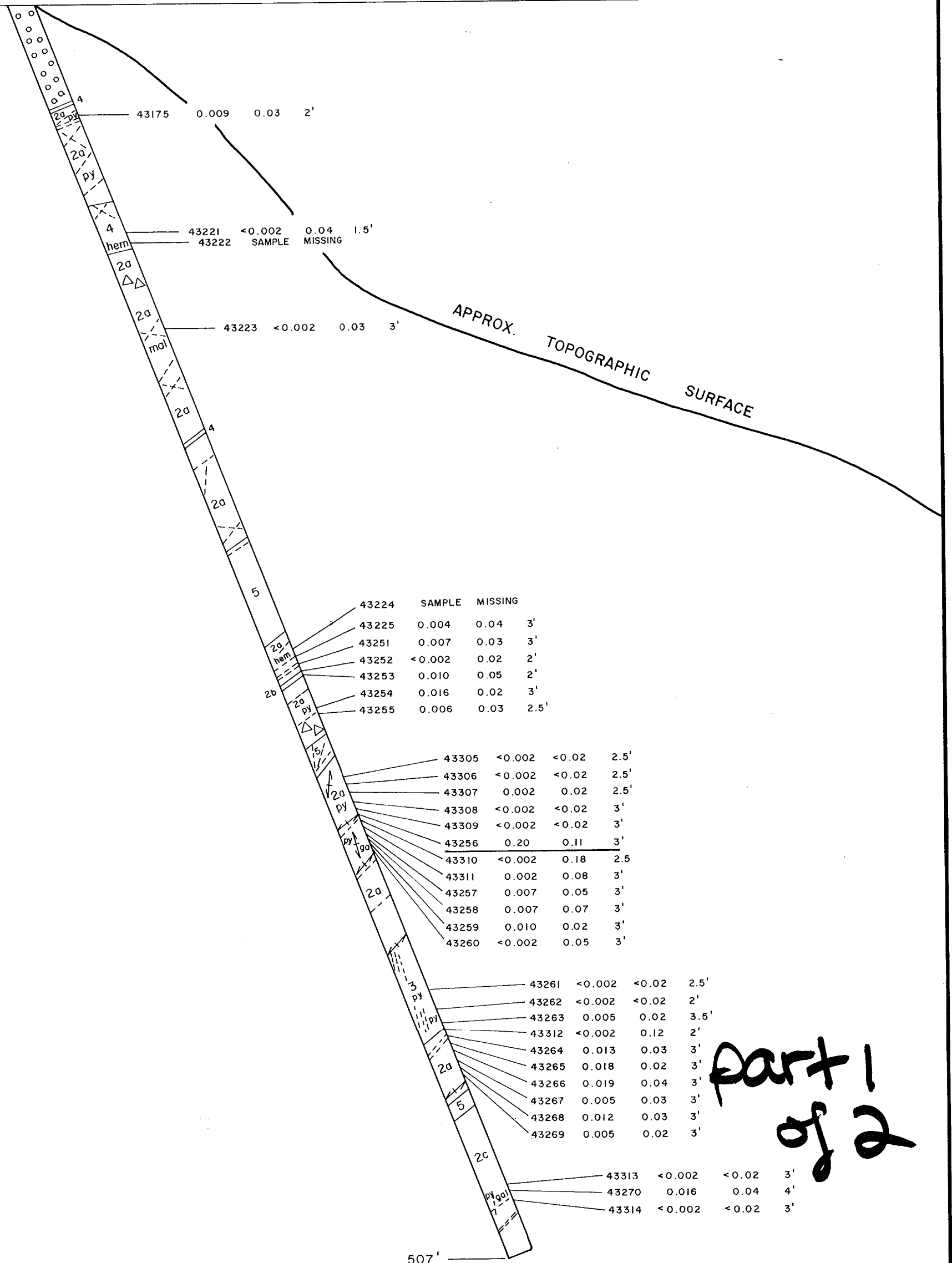
**JAN - MAR - REMY CLAIMS
 BLACK PANTHER MINE**
 Victoria Mining Division, B.C.

DDH BP 81-2 VERTICAL SECTION
 Scale: 1 Inch = 40 Feet

SAWYER CONSULTANTS INC. Date: April 1981
 Designed by: F. Yacoub
 Drawn by: C. L. Cory Figure 8

NE

SW



APPROX. TOPOGRAPHIC SURFACE

Sample No.	Au oz/t	Ag oz/t	Width
43175	0.009	0.03	2'
43221	<0.002	0.04	1.5'
43222	SAMPLE MISSING		
43223	<0.002	0.03	3'
43224	SAMPLE MISSING		
43225	0.004	0.04	3'
43251	0.007	0.03	3'
43252	<0.002	0.02	2'
43253	0.010	0.05	2'
43254	0.016	0.02	3'
43255	0.006	0.03	2.5'
43305	<0.002	<0.02	2.5'
43306	<0.002	<0.02	2.5'
43307	0.002	0.02	2.5'
43308	<0.002	<0.02	3'
43309	<0.002	<0.02	3'
43256	0.20	0.11	3'
43310	<0.002	0.18	2.5'
43311	0.002	0.08	3'
43257	0.007	0.05	3'
43258	0.007	0.07	3'
43259	0.010	0.02	3'
43260	<0.002	0.05	3'
43261	<0.002	<0.02	2.5'
43262	<0.002	<0.02	2'
43263	0.005	0.02	3.5'
43312	<0.002	0.12	2'
43264	0.013	0.03	3'
43265	0.018	0.02	3'
43266	0.019	0.04	3'
43267	0.005	0.03	3'
43268	0.012	0.03	3'
43269	0.005	0.02	3'
43313	<0.002	<0.02	3'
43270	0.016	0.04	4'
43314	<0.002	<0.02	3'

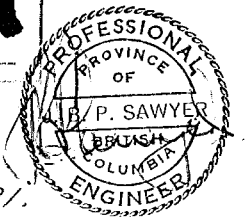
Part 1 of 2

LEGEND

SICKER GROUP

- OVERBURDEN
- DIORITE, GABBRO
- DACITE
- SERICITE SCHIST, QUARTZ SERICITE SCHIST HEMATITIC, GRAPHITIC QTZ SERICITE SCHIST
- HYBRID ROCKS a) DIORITE / VOLCANIC b) SILICEOUS ALT VOLC. c) SERPENTINIZED VOLC.
- VOLCANICS - ANDESITE, BASALT
- BRECCIATED
- PYRITE
- CHALCOPYRITE
- GALENA
- MALACHITE
- GRAPHITE
- FOLIATION
- VEIN
- SHEARING

MINING DIVISION BRANCH
 A CLAIMS REPORT
9639
 NO.



TO ACCOMPANY REPORT
 BY J.B.P. SAWYER, P. ENG.,
 DATED April 27th, 1981.

JAN RESOURCES LTD.

JAN - MAR - REMY CLAIMS
BLACK PANTHER MINE
 Victoria Mining Division, B.C.

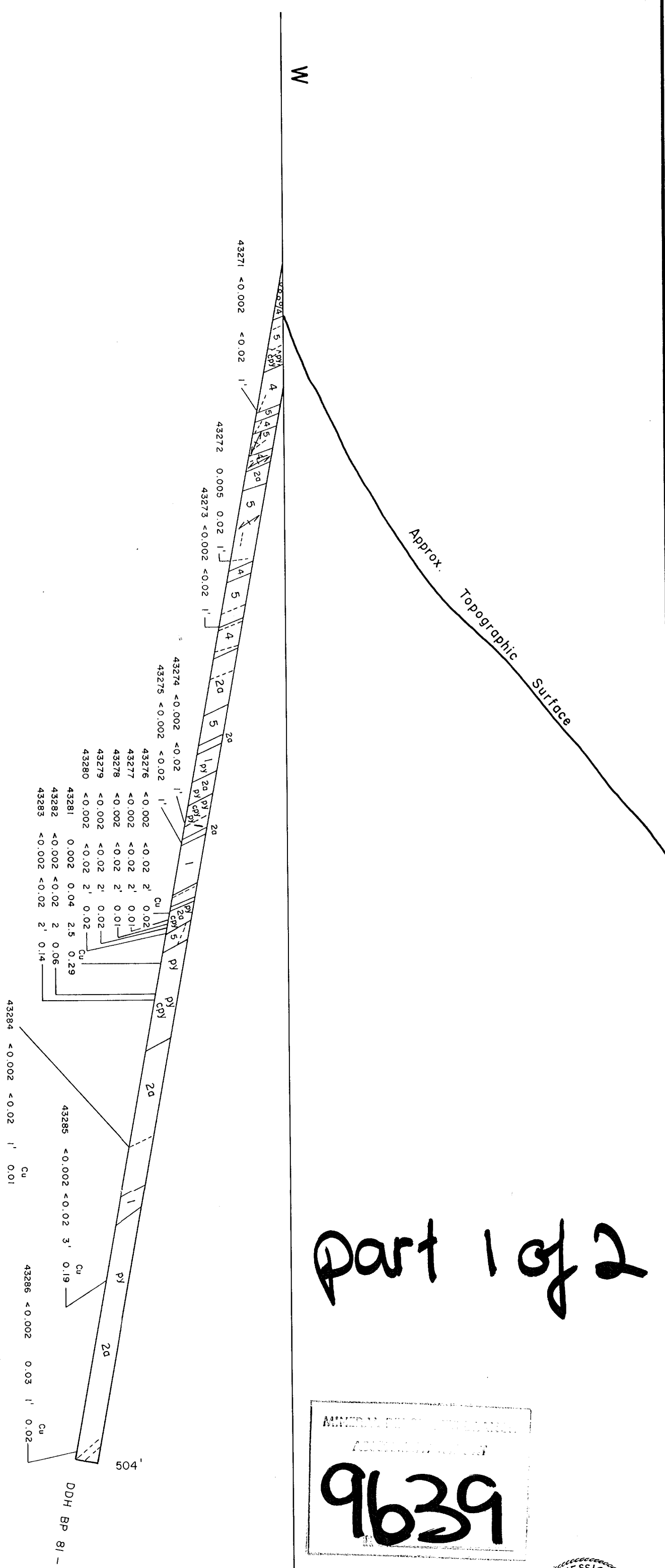
DDH BP 81-3 VERTICAL SECTION

Scale: 1 Inch = 40 Feet

SAWYER CONSULTANTS INC. Date: April 1981
 Designed by: F. Yacoub
 Drawn by: C. L. Cory

Figure 9

Sampling	Sample No.	Au oz/t	Ag oz/t	Width
	37851	<0.002	0.02	1.5'



Part 1 of 2

LEGEND

SICKER GROUP

- OVERBURDEN
- DIORITE, GABBRO
- DACITE
- SERICITE SCHIST, QUARTZ SERICITE SCHIST HEMATITIC, GRAPHITIC QTZ. SERICITE SCHIST
- HYBRID ROCKS a) DIORITE / VOLCANIC b) SILICEOUS ALT. VOLC. c) SERPENTINIZED VOLC.
- VOLCANICS - ANDESITE, BASALT

- BRECCIATED
- VESICULAR

- py PYRITE hem HEMATITE
- cpy CHALCOPYRITE
- gal GALENA
- mal MALACHITE
- gr GRAPHITE
- FOLIATION VEIN SHEARING

Sampling	Sample No.	Au oz/t	Ag oz/t	Width
	37851	<0.002	0.02	1.5'

9639

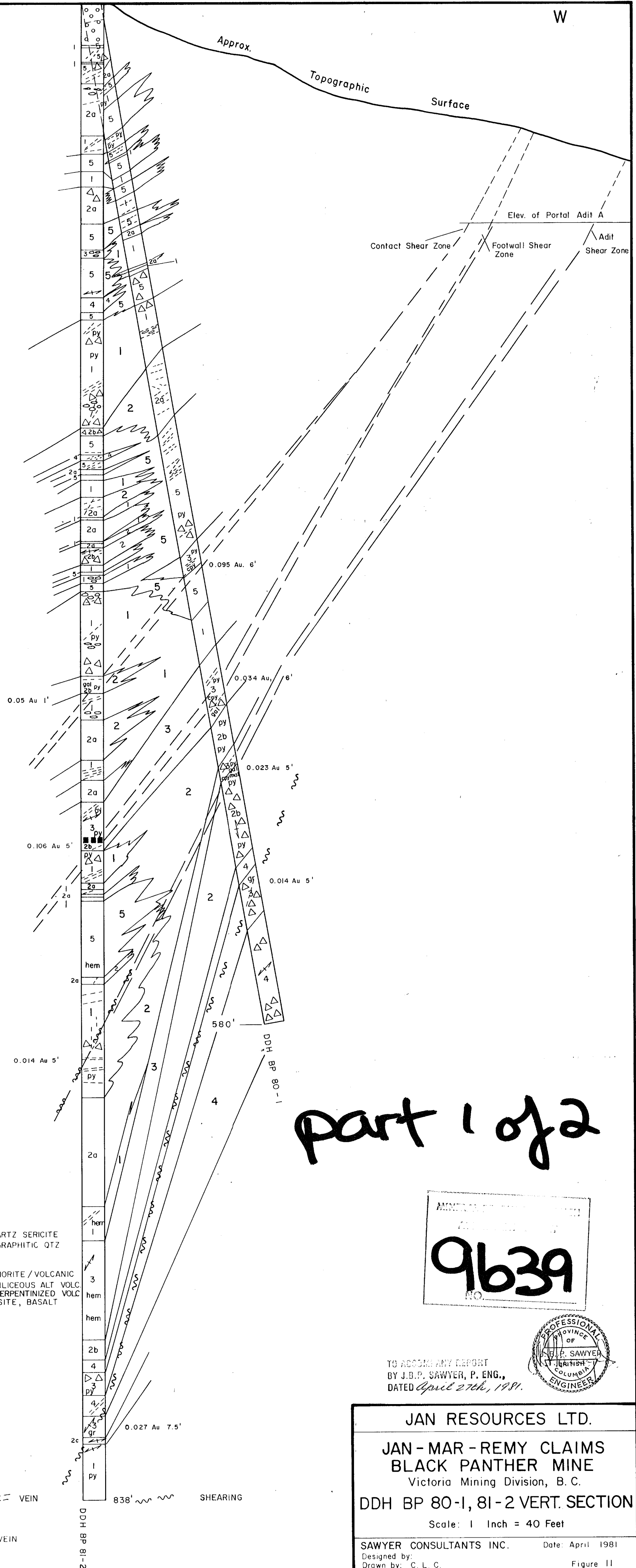
PROFESSIONAL ENGINEER
 PROVINCE OF BRITISH COLUMBIA
 J.B.P. SAWYER
 TO ACCOMPANY REPORT BY J.B.P. SAWYER, P. ENG., DATED April 27th, 1981.

JAN RESOURCES LTD.
 JAN - MAR - REMY CLAIMS
 BLACK PANTHER MINE
 Victoria Mining Division, B. C.
 DDH BP 81-4 VERTICAL SECTION
 Scale: 1 Inch = 40 Feet
 SAWYER CONSULTANTS INC. Date: April 1981
 Designed by: Drawn by: C. L. C. Figure 10

E

W

Approx. Topographic Surface



LEGEND

SICKER GROUP

- OVERBURDEN
- DIORITE, GABBRO
- DACITE
- SERICITE SCHIST, QUARTZ SERICITE SCHIST HEMATITIC, GRAPHITIC QTZ SERICITE SCHIST
- HYBRID ROCKS a) DIORITE / VOLCANIC b) SILICEOUS ALT VOLC c) SERPENTINIZED VOLC
- VOLCANICS - ANDESITE, BASALT
- BRECCIATED
- VESICULAR
- PYRITE
- CHALCOPYRITE
- GALENA
- MALACHITE
- GRAPHITE
- HEMATITE
- VEIN
- FOLIATION
- MASSIVE QUARTZ / VEIN

part 1 of 2

9639



TO ACCOMPANY REPORT
 BY J.B.P. SAWYER, P. ENG.,
 DATED April 27th, 1981.

JAN RESOURCES LTD.

JAN - MAR - REMY CLAIMS
 BLACK PANTHER MINE
 Victoria Mining Division, B.C.

DDH BP 80-1, 81-2 VERT. SECTION

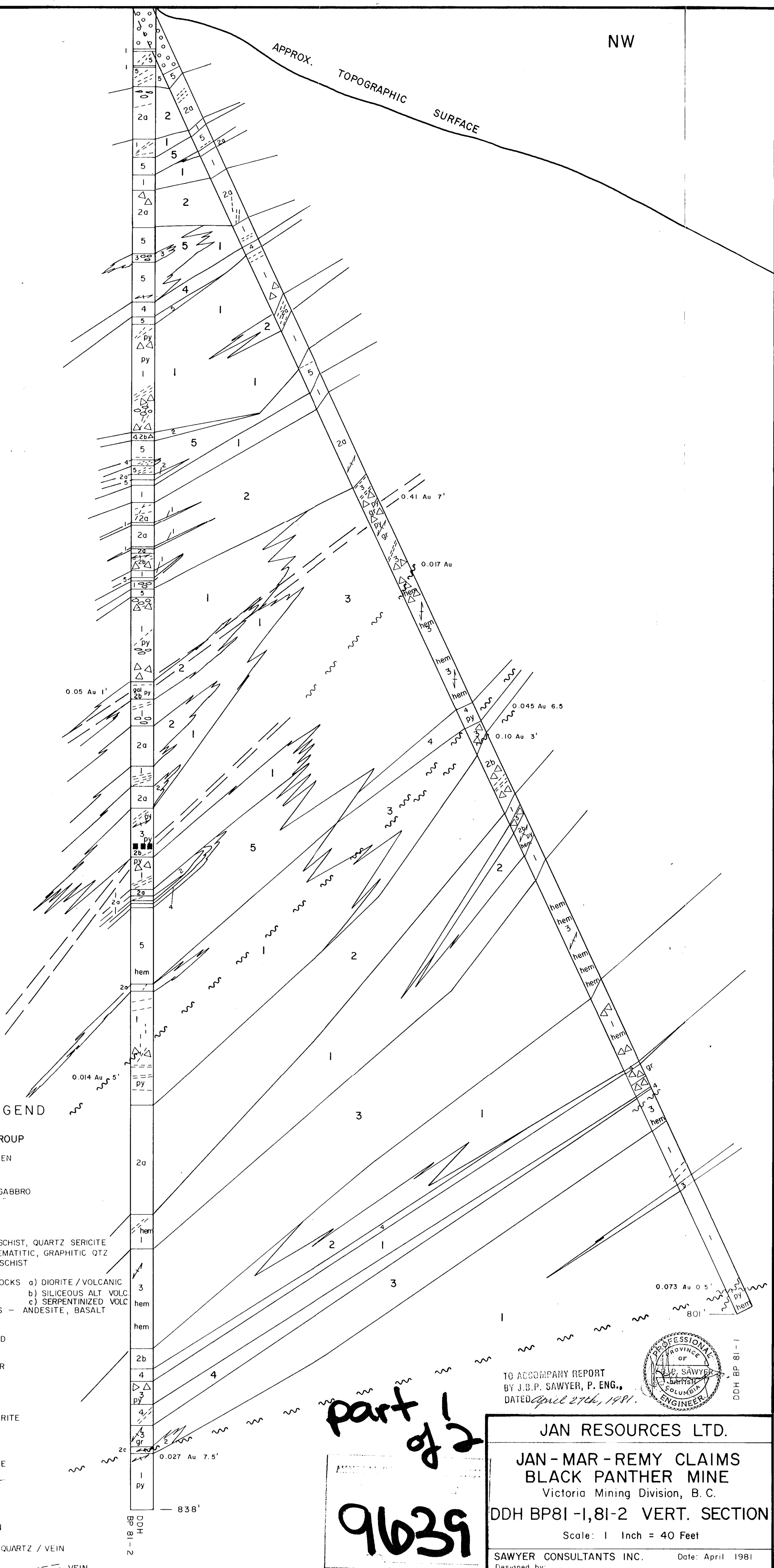
Scale: 1 Inch = 40 Feet

SAWYER CONSULTANTS INC. Date: April 1981
 Designed by: C. L. C. Drawn by: C. L. C. Figure 11

SE

NW

APPROX. TOPOGRAPHIC SURFACE



LEGEND

SICKER GROUP

- OVERBURDEN
- DIORITE, GABBRO
- DACITE
- SERICITE SCHIST, QUARTZ SERICITE SCHIST HEMATITIC, GRAPHITIC QTZ SERICITE SCHIST
- HYBRID ROCKS a) DIORITE / VOLCANIC b) SILICEOUS ALT VOLC c) SERPENTINIZED VOLC
- VOLCANICS - ANDESITE, BASALT
- BRECCIATED
- VESICULAR
- PYRITE
- CHALCOPYRITE
- GALENA
- MALACHITE
- GRAPHITE
- HEMATITE
- FOLIATION
- MASSIVE QUARTZ / VEIN
- SHEARING
- VEIN

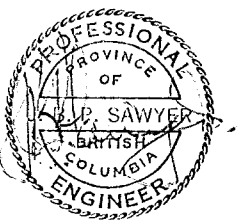
DDH BP81-2

838'

part of 2

9639

TO ACCOMPANY REPORT
 BY J.B.P. SAWYER, P. ENG.,
 DATED April 27th, 1981.



DDH BP 81-1

JAN RESOURCES LTD.

JAN - MAR - REMY CLAIMS
BLACK PANTHER MINE
 Victoria Mining Division, B.C.

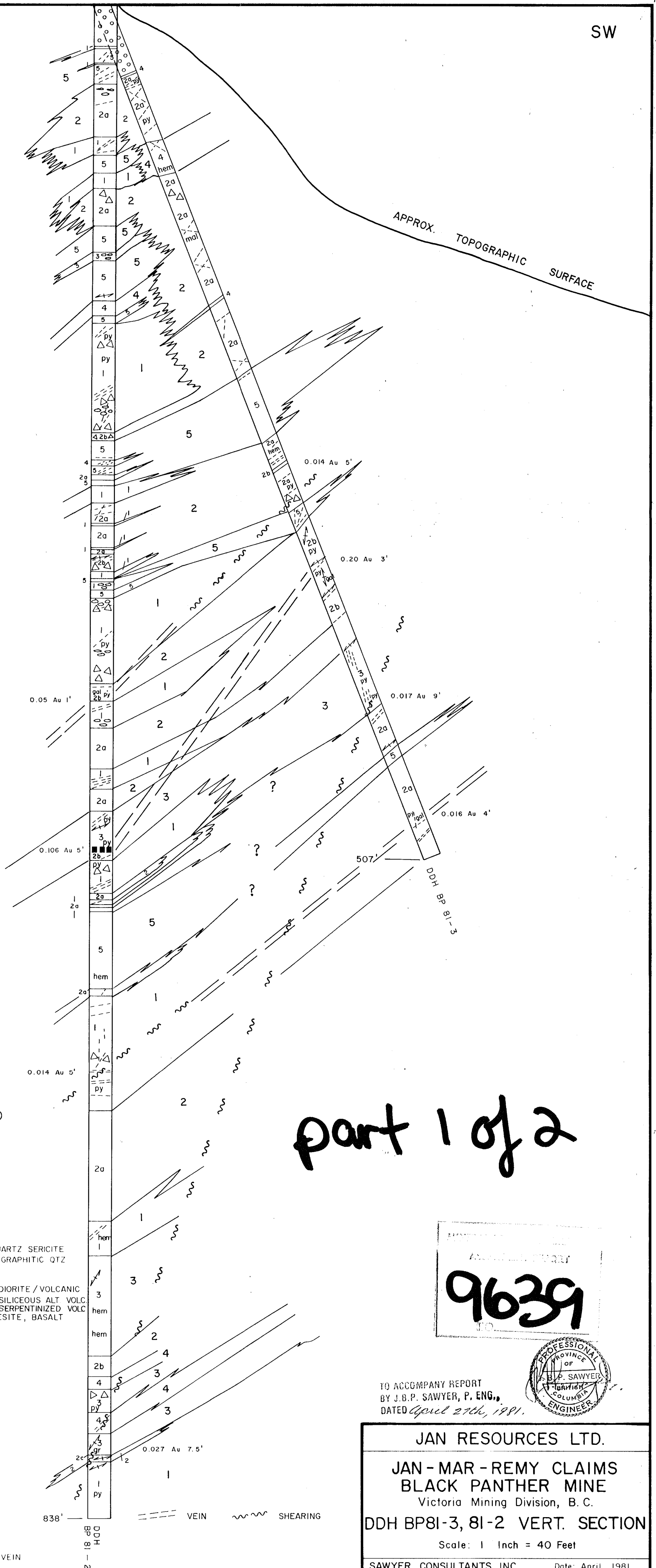
DDH BP81 -1,81-2 VERT. SECTION

Scale: 1 Inch = 40 Feet

SAWYER CONSULTANTS INC. Date: April 1981
 Designed by: Drawn by: C. L. C. Figure 12

NE

SW

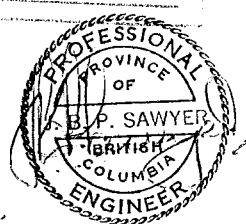


LEGEND

- o o o OVERBURDEN
- 5 DIORITE, GABBRO
- 4 DACITE
- 3 SERICITE SCHIST, QUARTZ SERICITE
SCHIST HEMATITIC, GRAPHITIC QTZ
SERICITE SCHIST
- 2 HYBRID ROCKS a) DIORITE / VOLCANIC
b) SILICEOUS ALT VOLC
c) SERPENTINIZED VOLC
- 1 VOLCANICS - ANDESITE, BASALT
- BRECCIATED
- VESICULAR
- py PYRITE
- cpy CHALCOPYRITE
- gal GALENA
- mal MALACHITE
- gr GRAPHITE
- hem HEMATITE
- FOLIATION
- MASSIVE QUARTZ / VEIN

part 1 of 2

9639



TO ACCOMPANY REPORT
 BY J.B.P. SAWYER, P. ENG.,
 DATED April 27th, 1981.

JAN RESOURCES LTD.

**JAN - MAR - REMY CLAIMS
 BLACK PANTHER MINE**
 Victoria Mining Division, B. C.

DDH BP81-3, 81-2 VERT. SECTION

Scale: 1 Inch = 40 Feet

SAWYER CONSULTANTS INC. Date: April 1981
 Designed by:
 Drawn by: C. L. C. Figure 13