

743

DIAMOND DRILL REPORT
KLIYUL CLAIM, #1581(12), 20 UNITS
OMINECA MINING DIVISION
MAP 94 D/8E, 94 C/5F
LAT. 56°27', LONG. 126°00'

BY
P. FOLK, P. Eng.
TECK EXPLORATIONS LIMITED
FOR
TECK MINING GROUP LIMITED

Vancouver, B. C.

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 7743

PART
December 18, 1979

1 OF 2

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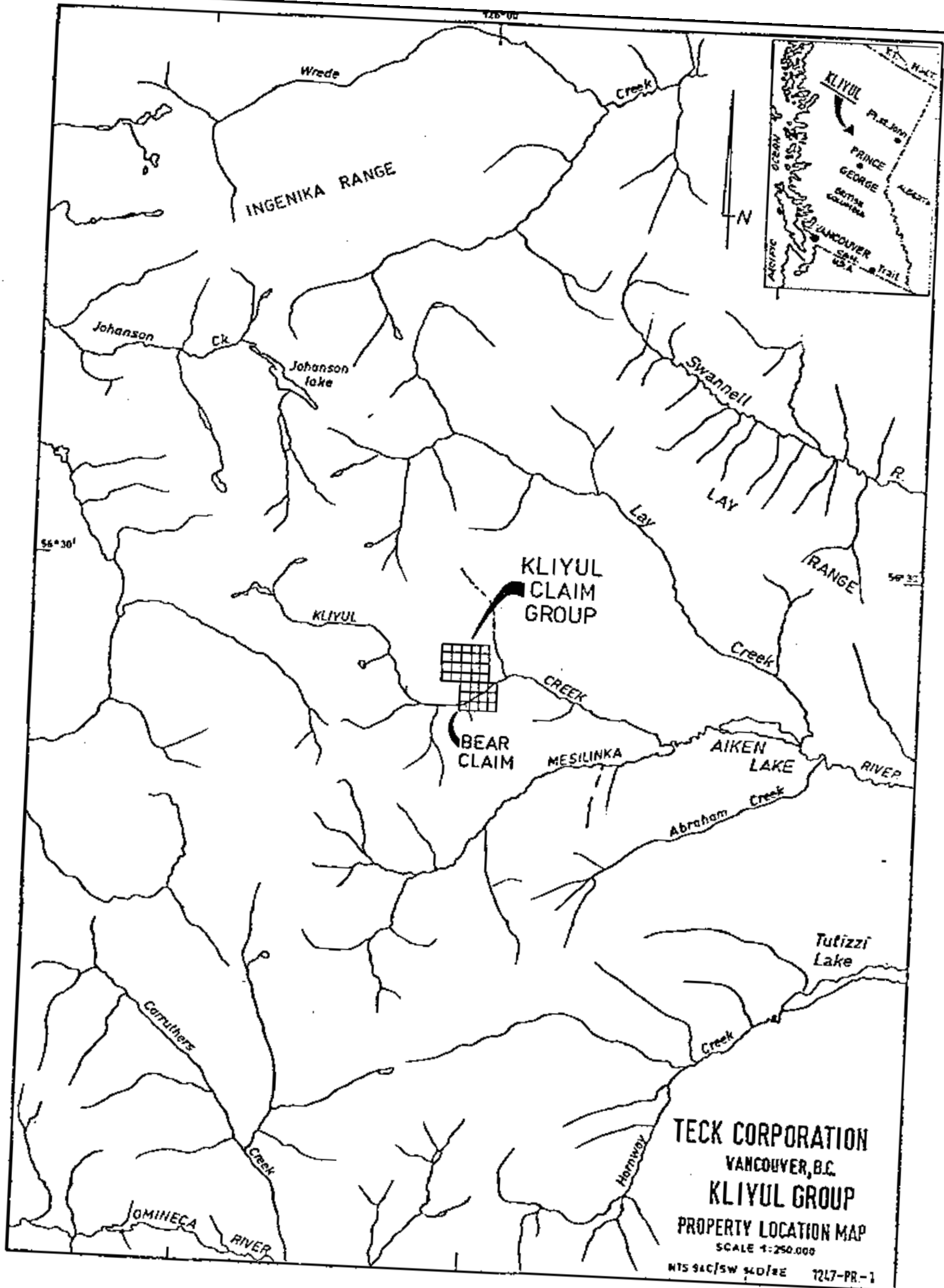
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INTRODUCTION

The KLIYUL claim (Figure 2) containing 20 units was staked in December 1978 by employees of Teck Explorations Ltd. over an old Rio Tinto porphyry copper-molybdenum prospect found in 1963. Located on the northeastern flank of the Omineca Mountains approximately 340 km northwest of Prince George (Figure 1) the claim is about 20 km by air southwest of the Johanson Lake airstrip. Access is by the Omineca road to Aiken Lake about 400 km from Fort St. James and then by helicopter about 15 km up Kliyul Creek.

The property contains fairly steep and rugged, well glaciated terrain. In the grid area thick dwarf balsam plague the slopes at the treeline and two steep canyons trisect the zone of interest. All creeks originate in well-developed cirques, some with permanent snow and ice.

Between September 12 and October 24, 1979, 497.7 metres of HQ and NQ diamond drilling in two holes was completed by a Connors Drilling crew under the supervision of Teck Explorations Limited employees. Since the property, which is about 340 km northwest of Prince George, is not accessible by road, the drill, crew, camp and supplies were all flown by helicopter to the site on the treeline.



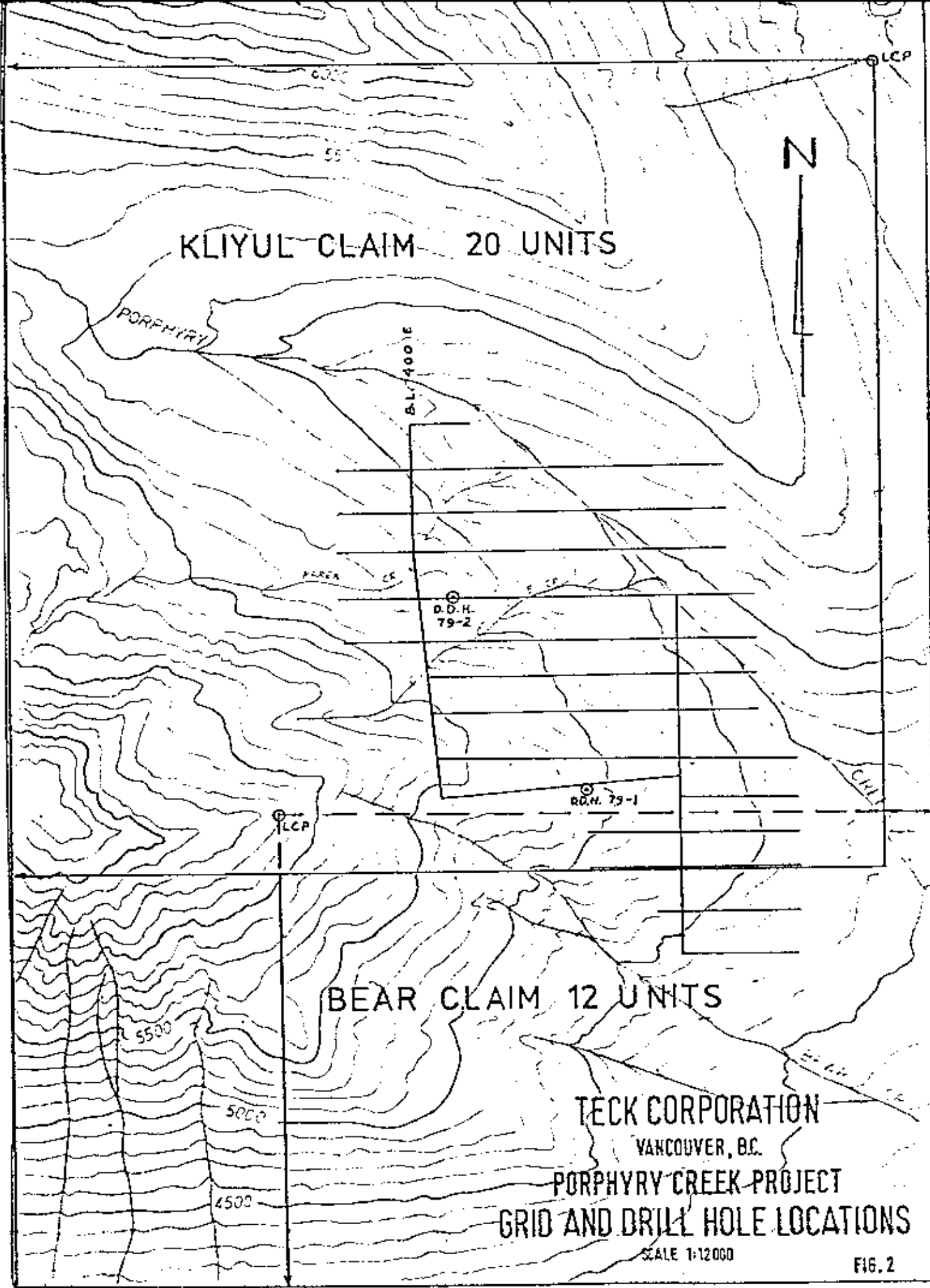
The object of the drilling was to test the central portions of two molybdenum anomalies outlined by soil sampling earlier in the season. Weak molybdenite mineralization was encountered through the entire lengths of both holes. The host is a pyritized quartz monzonite stock with varying degrees of potassic alteration. Drilling indicates that a large volume of material averaging slightly above .03% MoS₂ is present.

DRILLING

Both holes were drilled using mud in the more fractured ground and both were reduced from HQ to NQ for practical reasons. Core recovery was generally above 85% but some zones of intense fracturing were problematic and recovery dwindled. The reduction in size did not reduce the core recovery. All core was split and one-half was sent to Bondar-Clegg and Company for assay, the other half is stored on site. The locations of the holes are indicated on Figure 2.

Drill Hole Summary

| | <u>Location</u> | <u>Elevation</u> | <u>Azimuth</u> | <u>Angle</u> | <u>Depth</u> | <u>Reduced at</u> |
|----------|-----------------|------------------|----------------|--------------|--------------|-------------------|
| DDH 79-1 | 880N,790E | 1533 m. | 310° | -51° | 261.2 m | 163 m. |
| DDH 79-2 | 1400N,475E | 1585 m. | East | -60° | 236.5 m. | 131.1 m. |



KLIYUL CLAIM 20 UNITS

BEAR CLAIM 12 UNITS

TECK CORPORATION
VANCOUVER, B.C.
PORPHYRY CREEK PROJECT
GRID AND DRILL HOLE LOCATIONS

SCALE 1:12000

FIG. 2

RESULTS

The drill logs with assays are included in the Appendix. Hole #1 was collared in Takla Volcanics which have been altered to hornblendite. Small sections of altered volcanics, aplites and quartz feldspar porphyry were intersected but most of the hole was in quartz monzonite more or less affected by k-spar alteration. The approximate limit of oxidation was at 45 m. depth in hole #1. The molybdenite grade was not significantly increased below the oxidized zone. The average grade for the hole is .034% MoS₂.

Hole No. 2 was in quartz monzonite for its entire length. Below the limit of oxidation at about 33 m. depth molybdenite grades were improved from less than .01% MoS₂ to more than .01% MoS₂. Below the oxidation level the average grade is .031% MoS₂.

In both holes molybdenite is contained in thin quartz selvages and also on later quartz free fractures.

CONCLUSIONS

The results of 2 holes drilling indicates that significant volumes of material assaying slightly in excess of .03% MoS₂ are present in the quartz monzonite stock.

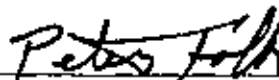


P. Folk, P.Eng.
December 18, 1979

CERTIFICATE OF QUALIFICATION

I, Peter G. Folk, do hereby certify that:

1. I graduated from the University of British Columbia in 1971 as a Bachelor of Applied Science in Geological Engineering.
2. Since that time I have been employed as both a mine and exploration geologist in British Columbia and elsewhere.
3. I am presently employed by Teck Explorations Limited, Vancouver, B. C.
4. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.
5. The work described in this report was done under my direct supervision.



P. G. Folk, P.Eng.
December 18, 1979

COST STATEMENT

Connors Drilling Contract

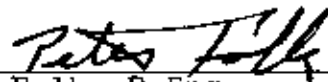
The total direct drilling costs under the terms of the contract between Teck Explorations and Connors Drilling amounted to \$104,975. Details of the costs are outlined on the attached invoices--Appendix I. The names and dates worked by the Connors Drilling crew are:

| | | |
|----------------------|---------------------------------|--------|
| G. Crost, cook | September 12-October 24, 1979 | |
| C. Kokanson, Foreman | September 12-October 24, 1979 | |
| H. Nault, Driller | September 12-October 24, 1979 | |
| M. Burwash, Helper | September 12-October 24, 1979 | |
| R. Griffiths, Helper | September 12-September 29, 1979 | |
| M. Morneault, Helper | September 29-October 24, 1979 | |
| Total Drill Costs | | 95,431 |

Assays

| | |
|---|----------------------|
| 397 assays for Cu, MoS ₂ @ \$2.90/sample | <u>1,151</u> |
| TOTAL | <u><u>96,582</u></u> |

The above costs are all directly applicable to the actual assessment work on the KLIYUL claim.



P. Folk, P.Eng.

Vancouver, B. C.
December 18, 1979

APPENDIX I
CONNORS DRILLING INVOICES

Job 21-914

• Teck Corporation
1199 West Hastings Street
Vancouver, B.C.
V6E 2K5

INVOICE NO: 9706
DATE: September 28, 1979

SURFACE DIAMOND DRILLING
AIKEN LAKE AREA
OMENICA-PRINCE GEORGE, B.C.
SEPTEMBER 15, 1979

| FIELD COST WORK | | | | |
|-----------------|------------|------------|--|--|
| DATE | MAN HRS. | SHIFT HRS. | REMARKS | |
| Sep. 11/79 | 32 | 0 | 4 men travel to job | |
| " | 14 | 0 | A. LeBlanc transfer & arrange trucks, etc. | |
| 12 | 15 | 0 | A. LeBlanc travel from Ft. St. James to Aiken Lake and unload trucks | |
| " | 48 | 0 | 4 men load & unload chopper & set-up camp | |
| 13 | 15 | 0 | A. LeBlanc load chopper & help dismantle drill | |
| " | 48 | 0 | 4 men flying equipment with chopper & set-up drill | |
| 14 | 12 | 0 | A. LeBlanc getting supplies for job at Ft. St. James | |
| " | 48 | 0 | Moving & setting up with chopper | |
| 15 | 24 | 12 | 4 men moving in & laying waterline | |
| | <u>256</u> | <u>12</u> | | |

| | | | |
|-------------------|-------------|---------------|----------|
| Total man hours | 256 @ 25.00 | 6,400.00 | |
| Total shift hours | 12 @ 75.00 | <u>900.00</u> | 7,300.00 |

TRUCKING CHARGES

| | | | |
|-----------------------------|----------|---------------|----------|
| H.K. Trucking Invoice #4455 | | 2,259.25 | |
| | Plus 15% | <u>338.89</u> | 2,598.14 |

9706

Job 21-914

Teck Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

INVOICE NO: 9706
 DATE: September 28, 1979

- 2 -

A. LEBLANC EXPENSE A/C & GAS BILLS

| | | |
|---------------------------------|---------------|--------|
| As per expense statement - | 125.31 | |
| As per copies of gas invoices - | 277.38 | |
| | <u>402.69</u> | |
| Plus 15% | 60.40 | 463.09 |

CORE BOXES SUPPLIED

| | |
|-------------------------------------|---------------|
| Packing Slip #19135 (copy attached) | <u>410.80</u> |
| | 10,772.03 |

APPROVED FOR PAYMENT
 JOB# 1247 CORE DDH
 117-36-01247
 10,772.03
[Signature]

10318

Job 21-914

 Teck Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

 INVOICE NO: 9747
 DATE: October 11, 1979

 SURFACE DIAMOND DRILLING
 AIKEN LAKE AREA
 OMENICA-PRINCE GEORGE, B.C.
 SEPTEMBER 16 - 30, 1979

ROD & CASING WEAR PLUS BONUS FEE

Hole #1 0' - 522' 522' @ 5.00 2,610.00

FIELD COST WORK

| DATE | SHIFT | MAN HRS. | SHIFT HRS. | REMARKS |
|------------|-------|----------|------------|--|
| Sep. 16/79 | Day | 10 | 12 | 4 men finish setting up, drill and tricone 0 - 22' |
| " | Night | 0 | 12 | Tricone hole flattened out, start new hole |
| 17 | Day | 0 | 8 | Drilling 11 - 33' |
| " | Night | 0 | 8* | Standby, wait for casing |
| 18 | Day | 16 | 8* | " " " " |
| 19 | " | 0 | 12 | Drilling 33 - 41' |
| " | Night | 0 | 12 | " 41 - 49' |
| 20 | Day | 0 | 12 | " 49 - 100' |
| " | Night | 0 | 12 | " 100 - 116' |
| 21 | Day | 0 | 12 | " 116 - 167' |
| " | Night | 0 | 8 | " 167 - 185' |
| 22 | Day | 16 | 8* | 4 men standby, cut timbers for hole #2, etc. |
| 23 | " | 16 | 8* | 4 men standby |
| 24 | " | 16 | 8* | " " " |
| 25 | " | 0 | 11 | Changing motors |
| " | Night | 0 | 8* | 2 men standby |
| 26 | Day | 0 | 8* | Repairing drill |
| " | Night | 0 | 8* | Repairs to motor |
| 27 | Day | 0 | 12 | Drilling 185 - 227' |

9747

Job 21-914

 Teck Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

 INVOICE NO: 9747
 DATE: October 11, 1979

- 2 -

| FIELD COST WORK (Cont'd.) | | | | |
|---------------------------|-------|-----------|------------|---------------------|
| DATE | SHIFT | MAN HRS. | SHIFT HRS. | REMARKS |
| Sep. 27/79 | Night | 0 | 12 | Drilling 227 - 277' |
| 28 | Day | 0 | 12 | " 277 - 340' |
| " | " | 8 | 0 | Helper travel time |
| " | Night | 0 | 12 | Drilling 340 - 390' |
| 29 | Day | 8 | 0 | Helper travel time |
| " | " | 0 | 12 | Drilling 390 - 436' |
| " | Night | 0 | 12 | " 436 - 449' |
| 30 | Day | 0 | 12 | " 449 - 471' |
| " | Night | 0 | 12 | " 471 - 522' |
| | | <u>90</u> | <u>271</u> | |

| | | | |
|-------------------|-------------|------------------|-----------|
| Total man hours | 90 @ 25.00 | 2,250.00 → | |
| Total shift hours | 64* @ 60.00 | 3,840.00 → | |
| Total shift hours | 207 @ 75.00 | <u>15,525.00</u> | 21,615.00 |

FIELD COST DIAMONDS

| | | |
|-------------------------------|-----------------|-----------|
| 1 - only 4 3/4" tricone bit | 133.00 | |
| 1 - only HW casing shoe | 408.50 | |
| 1 - only HQ core bit #1A-2778 | 858.41 | |
| 1 - only HQ shell #S7U-12305 | 462.25 | |
| 1 - only HQ core #1A-2779 | 858.41 | |
| 1 - only HQ core #1A-2781 | 858.41 | |
| 1 - only HQ core #1A-2782 | 858.41 | |
| 1 - only HQ core #1A-2780 | 858.41 | |
| 1 - only HQ core #1A-2783 | 703.94 | |
| 1 - only HQ core #1A-2784 | 703.94 | |
| 1 - only HQ core #1A-2785 | 703.94 | |
| 1 - only HQ core #1A-2786 | 703.94 | |
| 1 - only HQ core #1A-2787 | 703.94 | |
| 1 - only HQ core #1A-2788 | 663.93 | |
| | <u>9,479.43</u> | |
| 4% tax | 379.18 | |
| | <u>9,858.61</u> | |
| Plus 15% | <u>1,478.79</u> | 11,337.40 |

9747

Job 21-914

Teck Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

INVOICE NO: 9747
 DATE: October 11, 1979

- 3 -

COOK'S WAGES (Sept. 10-30/79)

| | | |
|---------------------------|-----------------|----------|
| G. Crost 20/30 x 1,400.00 | 933.33 | |
| 15% for payroll additive | 140.00 | |
| | <u>1,073.33</u> | |
| Plus 15% | 161.00 | 1,234.33 |

THIRD PARTY CHARGES (copies attached)

| | | |
|---|-----------------|----------|
| Canadian Freightways Invoice # Oct. 12/79 | 86.70 | |
| Sandman Inns Invoice #12962 | 225.30 | |
| Thiessen Equipment Invoice #6112 | 2,294.34 | |
| Hutchinson's Trucking Invoice #8059 | 2,105.00 | |
| Super-Valu Invoice #0064461 | 2,676.48 | |
| C. Hokanson Expense Account | 159.60 | |
| | <u>7,547.42</u> | |
| Plus 15% | <u>1,132.11</u> | 8,679.53 |

CREDIT

| | | |
|---|----|----------------|
| - Teck: for personal items purchased for Connors' men - | CR | <u>(72.40)</u> |
| | | 45,403.86 |

Job 21-914

 Teck Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

 INVOICE NO: 9775
 DATE: October 23, 1979

 SURFACE DIAMOND DRILLING
 AIKEN LAKE AREA
 OMENICA-PRINCE GEORGE, B.C.
 OCTOBER 1 - 15, 1979

ROD AND CASING WEAR PLUS BONUS FEE

| | | | |
|---------|------------|-------------|----------|
| Hole #1 | 522 - 857' | 335' | |
| Hole #2 | 0 - 492' | 492' | |
| | | 827' @ 5.00 | 4,135.00 |

FIELD COST WORK

| DATE | SHIFT | MAN HRS. | SHIFT HRS. | REMARKS |
|-----------|-------|----------|-------------------|--|
| Oct. 1/79 | Day | 0 | 12 | Drilling 522 - 533', repairs, flying NQ rods |
| " | Night | 0 | 12 | " 533 - 551', reducing hole (HQ-NQ) |
| 2 | Day | 0 | 12 | " 551 - 584' |
| " | Night | 0 | 12 | " 584 - 632' |
| 3 | Day | 0 | 12 | " 632 - 687' |
| " | Night | 0 | 12 | " 687 - 721', no water, hoseline plugged |
| 4 | Day | 0 | 12 | Drilling 721 - 767' |
| " | Night | 0 | 12 | " 767 - 857' |
| 5 | Day | 16 | 11 | 4 men pulled rods |
| 6 | " | 16 | 8* | Cut set-up for #2, roll hoseline, wait for helicopter |
| 7 | " | 4 | 2 | 4 men hammer out H casing |
| " | " | 16 | 8* | 4 men tear down, wait for copter, set-up |
| 8 | " | 21 | 10 ^{1/2} | 4 men setting up & moving hoseline |
| 9 | " | 22 | 11 | 4 men setting up |
| 10 | " | 5 | 12 | Drilling 0 - 18' |
| " | Night | 0 | 12 | " 18 - 40', ream casing |
| 11 | Day | 1 | 12 | " 40 - 63', repair pump |
| " | Night | 0 | 12 | " 63 - 109' |

9775

Job 21-914

 • Teck Corporation
 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

 INVOICE NO: 9775
 DATE: October 23, 1979

- 2 -

| FIELD DATE | COST | WORK SHIFT | (Cont'd.) MAN HRS. | SHIFT HRS. | REMARKS |
|------------|------|-------------------|-----------------------|------------|---|
| Oct. 12/79 | | Day | 1 | 12½ | Drilling 100 - 165' and through sand |
| " | | Night | 0 | 12 | " 165 - 209', set bevel gear |
| 13 | | Day | 0 | 12 | " 209 - 257', ream 40' of cave |
| " | | Night | 0 | 12 | " 257 - 287', reaming cave, line up drill |
| 14 | | Day | 0 | 12 | Drilling 287 - 330', reaming 40' of cave |
| " | | Night | 0 | 12 | " 330 - 387' |
| 15 | | Day | 0 | 12 | " 387 - 430', reduce to NQ |
| " | | Night | 0 | 12 | " 430 - 492', repair stove and pressure pump |
| | | | <u>102</u> | <u>291</u> | |
| | | Total man hours | 102 | @ 25.00 | 2,550.00 |
| | | Total shift hours | 275 | @ 75.00 | 20,625.00 |
| | | Total shift hours | 16* | @ 60.00 | <u>960.00</u> |
| | | | | | 24,135.00 |

FIELD COST DIAMONDS

| | |
|---------------------------|-----------------|
| 1 - NQ core bit #J6Z0024 | 446.92 |
| 1 - NQ core bit #6E20798 | 613.31 |
| 1 - NQ core bit #6E120797 | 613.31 |
| 1 - HW casing shoe #1765 | 408.50 |
| 1 - HQ core bit #1A2789 | 663.94 |
| 1 - HQ core bit #1A2791 | 663.94 |
| 1 - HQ core bit #1A2792 | 663.94 |
| 1 - HQ core bit #21664 | 821.25 |
| 1 - HQ core bit #21665 | 821.25 |
| 1 - HQ core bit #21667 | 821.25 |
| 1 - HQ core bit #21669 | 821.25 |
| 1 - HQ core bit #21668 | 821.25 |
| 1 - NQ core bit #20799 | 613.31 |
| | <u>8,793.42</u> |
| 4% tax | 351.74 |
| | <u>9,145.16</u> |
| Plus 15% | <u>1,371.77</u> |
| | 10,516.93 |

COOK'S WAGES (October 1-15/79)

| | |
|--------------------------|---------------|
| 6. Crost: 15/31 x 1,400 | 677.42 |
| 15% for payroll additive | 101.61 |
| | <u>779.03</u> |
| Plus 15% | <u>116.85</u> |
| | 895.88 |

9775

Job 21-914

Teck Corporation
1199 West Hastings Street
Vancouver, B.C.
V6E 2K5

INVOICE NO: 9886
DATE: November 26, 1979

SURFACE DIAMOND DRILLING
AIKEN LAKE AREA
OMENICA - PRINCE GEORGE, B.C.
NOVEMBER 26, 1979

DEMOBILIZATION CHARGE (COPIES ATTACHED)

| | | |
|-----------------------------|-------------------|----------|
| Russell Transfer Inv. #7796 | \$1,092.98 | |
| " " " 8204 | 1,001.00 | |
| " " " 8205 | 1,296.00 | |
| | <u>\$3,389.98</u> | |
| Plus 15% | <u>508.50</u> | 3,898.48 |

THIRD PARTY CHARGES (COPIES ATTACHED)

| | | |
|-------------------------------------|---------------|--------|
| C.P. Air Waybill #5784 | 20.80 | |
| " " " #2793 | 28.34 | |
| Charger Transport Inv. #36315 | 9.20 | |
| Gulf Canada Inv. #172835 | 159.58 | |
| Northern Thunderbird Invoice #21692 | 437.00 | |
| Pacific Western Airbill #9892 | 21.70 | |
| George Crost expense report | 59.29 | |
| Marcel Morneau Expense report | 59.40 | |
| Wesdrill (freight) Inv. #5335 | 19.50 | |
| " " " #5399 | 19.50 | |
| | <u>834.31</u> | |
| Plus 15% | <u>125.15</u> | 959.46 |

cont'd

9886

Job #21-914

Teck Corporation
1199 West Hastings Street
Vancouver, B.C.
V6E 2K5

INVOICE NO: 9886
DATE: November 26, 1979

- 2 -

FIELD COST DIAMONDS (COPIES ATTACHED)

| | |
|------------------------|---------------|
| 1-HQ3-core bit #1A2790 | 663.94 |
| 4% tax | 26.56 |
| | <u>690.50</u> |
| 15% handling charge | 103.58 |
| | <u>794.08</u> |

Less:

| | |
|------------------------------------|------------|
| Pilot Diamond Tools cr. Inv. #8600 | (292.11) |
| " " " " #8601 | (1,870.62) |
| " " " " #8602 | (3,620.80) |

(4,989.45)
\$ (131.51)

* +4,792.00

4660.49

* amt credited twice,

APPENDIX II

DRILL LOGS

D.D.H. 79-1, D.D.H. 79-2

PROPERTY POORHAY CK
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-1
 SHEET 1 OF 22

LOCATION 000N 790E APPROX BEARING 310° LATITUDE _____ CORE SIZE H LOGGED BY P. FOLK
 DATE COLLARED 16 SEPT 79 LENGTH 261.2 M. (857ft) DEPARTURE _____ SCALE OF LOG 1:100 DATE SEPT-OCT 79
 DATE COMPLETED 5 OCT 79 DIP -51° ELEVATION 1533 M. REMARKS SIZE OF CORE REDUCED TO N @ 163 M.

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'VY WT. IN GRAMS CORE % | SAMPLE No. | ASSAY RESULTS | | | | | | |
|---|---|---|------------------|------------------------------|-------------------------------|------------|---------------|--------------------|--|--|--|--|--|
| | | | | | | | % Cu | % MoS ₂ | | | | | |
| <u>OVERBURDEN</u> | 0-9 | | | | | | | | | | | | |
| HIGHLY BROKEN, FRACTURED MEDIUM TO COARSE GRAINED, HETEROGENEOUS ASSORTMENT OF HORNBLENDE RICH ROCK. APPROX 60% GREEN, CALCIFIED HORNBLENDE, 40% FELDSPAR, NO QUARTZ IN MATRIX. SOME SECTIONS CONTAIN KSPAR. ZONES AND SMALL PYREXETS | 9-12 | ABUNDANT LIMONITE ON FRACTURES ABOUT 14/10CM. SOME YELLOW MO STAIN. PYRITE 1% MINOR QUARTZ STRINGERS. | | 8.8 | | | | | | | | | |
| OF GRANITIC MATERIAL. EPIDOTE COMMON. SOME MATERIAL CONTAINS A WEAK FOLIATION. HORNBLENDE | 12-15 | AS ABOVE | | 12.5 13.4 14.3 14.9 | | | | | | | | | |
| AS ABOVE BUT BECOMING MORE ACIDIC AND FINER GRAINED. | 15-18 | ABUNDANT LIMONITE ON FRACT. 2MM. QTZ. MO ₂ S ₂ STRINGERS // CORE ABOUT 3/10CM. 15' Py. QTZ. 4/10 CM. ALSO ANOTHER SET @ 90° TO ABOVE. CORE IS WELL FRACTURED IN MANY DIRECTIONS THE BEST MO ₂ S ₂ APPEARS IN THE LAST MINERALIZED SET. | | 17.1 | 32% | 25801 | - | 0.033 | | | | | |
| FINE GRAINED GREENISH, SILICEOUS ALTERED VOLCANIC. PY, QTZ, EP, CHL. | 18- | | | 18.6 | 15% | | | | | | | | |

RECOVERY LESS THAN 20%

F.C. ALTERED VOLCANIC

PROPERTY COOPRYA CK.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-1
 SHEET 2 OF 22

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG DEPTH IN METRES | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'VY WT. IN GRAMS CORE % | SAMPLE No. | ASSAY RESULTS | | | |
|--|--------------------------------|--|------------------|--------------|-------------------------------|------------|---------------|------------------|-------|------|
| | | | | | | | Cu | MoS ₂ | Au | Ag |
| EG. ALTERED VOLC. | 18 | | | | | | | | | |
| AS 9-17 HETEROGENEOUS FINE TO MEDIUM GRAINED HORNBLENDE RICH, HORNBLENDE. | 21 | WELL PYLITIZED 2% LIMONITE, YELLOW MO ₂ STAIN FRACTURING ABUNDANT IN MANY DIRECTIONS. CORE BROKEN. | | 18.6 | 33% | 25802 | - | 0.023 | 0.34 | 0.21 |
| HETEROGENEOUS ASSEMBLAGE OF HORNBLENDE AND DIOPTIC MATERIAL CUT BY A 2 CM. STAINER OF BISTITE, QUARTZ, FELDSPAR PORPHYRY. | 24 | 1% PY LIM, YELLOW MO ₂ STAIN FRACTURING // CORE 3/10 CM. @ 45° TO CORE 10/10 CM. | | 21.2 | 36% | 25803 | - | 0.008 | | |
| BELONGS FOLIATED TOWARDS CONTACT. | 24 | 5% PY SOME MAGNETITE AND FINE BISTITE NEAR CONTACT. LIM. | | 22.8 | 15% | | | | | |
| LIGHT GREY-BROWN FELDSPAR PORPHYRY 40% FELDSPAR PHENOCRYSTS WITH SOME CLAY ALTERATION | 25 | 3-3% PY ON THIN QTZ. SELVAGES AND ALSO AS MINUTE DISSEMINATIONS. FINE MO ₂ WITH THIN QTZ. @ 30° 2/10 CM ALSO @ 20° AND OTHER DIRECTIONS | | 23.5 | 35% | | | | | |
| | 26 | | | 24.7 | 36% | 25804 | - | 0.032 | | |
| | 27 | | | 25.6 | 34% | | | | | |
| FINE GRAINED SUGARY WHITE, BLEACHED SILICEOUS, FRACTURED VOLCANICS(?) SMALL LIMONITE FRACTURES AND SOME QTZ. FRACTURES CUT BY FELDSPAR PORPHYRY VEIN. MATERIAL IS SOMEWHAT APLITIC IN APPEARANCE | 27.8 | 45° MO ₂ VERY THIN PAINT ON FRACTURE 6/10 CM. LIM. CONTACT @ 65° | | 27.4 | 98% | 25805 | - | 0.026 | 2.002 | 0.28 |
| | 30 | 5-10% PY, ABUNDANT LIM. SOME MAGNETITE. ABUNDANT CAISS CARBONING QTZ. FRACTURES WITH SOME MO ₂ . ALSO NOTE FINE BISTITE AND SERICITE. | | 28.3 | 55% | | | | | |
| | | | | 29.3 | | | | | | |

PROPERTY PORPHYRY CR.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-1
 SHEET 3 OF 22

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG DEPTH IN METRES | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y Wt. IN GRAMS CORE % | SAMPLE No. | ASSAY RESULTS | | | | |
|--|--------------------------------|---|------------------|----------------------|------------------------------|------------|---------------|------------------|---------|---------|-----|
| | | | | | | | Cu | MoS ₂ | Au oz/t | Ag oz/t | |
| FINE GRAINED BLEACHED, SILICIFIED VOLCANICS (?) WITH MINOR FINE BIOTITE, SARICITE, KSPAR. | 20 | Py, LIM, YELLOW STAIN. MINOR MoS ₂ . | | 29.3 31.4 32.0 | 73% | 25806 | - | 0.025 | 2.002 | 0.08 | |
| | | | | | 92% | | | | | | |
| | 33 | | | | 50% | | | | | | |
| AS ABOVE BUT BEGINNING TO TAKE ON A SLIGHTLY PORPHYRITIC ASPECT. NOTE FINE BIOTITE | 36 | 1% PY MINOR MoS ₂ THE MoS ₂ AND QUARTZ POST DATES SOME LIMONITIC FRACTURING. TWO INTERSECTING SETS OF FRACTURES @ 45° TO CORE AND 90° TO EACH OTHER | | 33.5 34.4 35.5 | 95% | 25807 | - | 0.024 | 2.002 | 0.03 | |
| | | | | | | | | | | | 55% |
| | | | | | | | | | | | 42% |
| AS ABOVE | 36 | 1-2% PY ABUNDANT INTERSECTING LIM. PRACTS AT LEAST 10/10CM. MINOR MoS ₂ | | 36.1 37.7 38.7 | 61% | 25808 | - | 0.017 | 2.002 | 0.04 | |
| | | | | | | | | | | | 95% |
| | | | | | 39 | | | | | | |
| FINE GRAINED GREEN, SUGARED, RECRYSTALLIZED, HORNBLENDE RICH ALTERED VOLCANICS. SOMEWHAT DIABTIC IN TEXTURE. Py, LIM, CNL, SP. | 39 | FAULT GOUGE 45° SHEARING SOME SILICIFICATION, ABOUT 10% PY. ALSO FINE MAGNETITE. | | 39.8 | 99% | 25809 | - | 0.027 | 2.002 | 0.03 | |
| | | | | | | | | | | | 67% |
| | | | | | 42 | | | | | | |
| AS ABOVE WITH INCREASED SILICA, FELDSPARS, AND FINE BIOTITE. | 42 | MORE THAN 10% PY. WELL FRACTURED 150° MoS ₂ 3/10CM | | 41.5 41.8 42.5 | 90% | | | | | | |
| | | | | | | | | | | | 95% |

PROPERTY PROPHYXY CK.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 29-1
 SHEET 9 OF 11

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y WT. IN GRAMS CORE % | SAMPLE No. | ASSAY RESULTS | | | |
|---|---|---|------------------|----------------|------------------------------|------------|---------------|------------------|--|--|
| | | | | | | | Cu | MoS ₂ | | |
| KSPAR RICH QTZ. MONZ. 70% PINK SOME PEGMATITIC KSPAR AND SOME Bi. QTZ. FELD. PORPH. | 102 20° | 1-2% PY NOT HIGHLY FRACTURED, SOME ANNHEALED BRECCIA, SOME MoS ₂ ON DRY FRACLS AND WITH QTZ. SALVAGES. 1/10cm. | | 102.1 103.6 | 97% | 25830 | 2.01 | 0.023 | | |
| BROKEN KSPAR PEGMATITIC QTZ. MONZ. WITH SILICEOUS DARK F.G. SILICIFIED GOUGR OR DYKE (R), SOME SARICITE OF FRACTURES Bi → CHL. | 105 5' 20° | 105 SER. CHL. SHEAR 2-3% PY 20° MoS ₂ ON SHEARS 2/10cm. | | | 57% | 25831 | 2.01 | 0.018 | | |
| UNALTERED Bi QTZ. MONZ. 25% KSPAR BROKEN DARK GREEN F.G. PYRITIZED, MoS ₂ CARRYING DYKE (R) OR PENDANT OF ALTERED VOLCANICS → HORAFELS | 108 111 | MoS ₂ ON BROKEN PY. FRAGMENTS 3-5% PY HIGHLY BROKEN. | | | 60% | 25832 | 0.01 | 0.048 | | |
| Bi QTZ. MONZ. FRESH Bi 20% KSPAR NO CORE SAND. | 114 | 1-2% PY TRACES MoS ₂ ON QTZ, KSPAR FRACTURES. | | 112.9 113.7 | 0% | 25833 | 0.01 | 0.035 | | |

PROPERTY PORPHYRY CK.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 29-1
 SHEET 10 OF 22

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | ROCK TYPE ALTERATION GRAPHIC LOG DEPTH IN METRES STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y | SAMPLE No. | ASSAY RESULTS | | | | |
|--|--|--|------------------|----------------|--------------|------------|---------------|------------------|-------|------|--|
| | | | | | WT. IN GRAMS | | Cu | MoS ₂ | Au | Ag | |
| | | | | | CORE % | | | oz/t | oz/t | | |
| DARK GRAY F.G. PORPHYRITIC HORNFELS. HIGHLY SILICEOUS, HARD BROKEN INTO FRAGMENTS 1-2 CM. 30% FELDSPAR AND A FEW QUARTZ PANDOCRYSTS | 119 | 3-5% PY 40° CUT AWAY THIN KSPAR VAINS, 20° INTERSECTING MoS ₂ , QTZ. SERVICAS @ 90° TO EACH OTHER ON A LINE PLUNGING 30° FROM \downarrow TO CORE | | 115.5 | 67% | 25834 | 0.01 | 0.080 | | | |
| PINK-GREENISH FINE GRAINED QTZ-FELD OR DACITE WITH FINE BIOTITE → CHLORITE. SOME LOOKS SOMEWHAT HYDROLITIC BUT NO BANDING. SOME BARREN QTZ-FELD PROMINENT STRINGERS | 117 | 110° GOOD MoS ₂ , QTZ 3-5% PY 20°-40° MoS ₂ WITH QTZ. HIGHLY BROKEN CORE. MANY CROSS-CUTTING MoS ₂ FRACT AND QTZ. SERVICAS. AT LEAST TWO AGES. SOME PY IS ON LATER FRACTURES | | 118.9 | 48% | 25835 | 0.01 | 0.135 | 2.002 | 0.10 | |
| | 120 | 6 MoS ₂ FRACTURES IN 10 CM. | | | 63% | | | | | | |
| AS ABOVE ALTERED DACITE HYD. FELD. PEGMATITE MoS ₂ CUTS QTZ. | | 2-3% PY CORE FRACTURE INTO 1-2 CM. FRAGMENTS MoS ₂ FRACTS. 2/10cm MANY @ ABOUT 45° | | 120.9 121.9 | 70% | 25836 | <0.01 | 0.033 | | | |
| AS ABOVE | 123 | 1-2% PY PY, CHL. FRACTURES, HIGHLY BROKEN. DRY FRACTS. 1/cm MoS ₂ FRACTS. 1/10cm. | | 123.7 125.3 | 64% 78% | 25837 | <0.01 | 0.013 | | | |
| UNALTERED OL. QTZ. MONZ. FELDSPAR, EP, PY. | 125 126 | | | 125.3 125.1 | 0% | | | | | | |

PROPERTY PANAMA CR.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 29-1
 SHEET 12 OF 22

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y | SAMPLE No. | ASSAY RESULTS | | | |
|---|---|--|------------------|--------------|--------------|-------------|---------------|------------------|-------|------|
| | | | | | WT. IN GRAMS | | Cu | MoS ₂ | Au | Ag |
| | | | | | CORE % | | oz/t | oz/t | | |
| HORNBLANDS, ALTERED VOLCANIC | 138 | 5-8% PY ON FRACTURES HIGHLY BROKEN | 138.3 | | 20% | 25842 | 0.01 | 0.038 | 2.002 | 0.10 |
| SILICEOUS APHIRE, MINOR SERICITE | 141 | MoS ₂ 3/10 cm 3-5% PY | 140.5 | | | | | | | |
| ORANGE-GREENISH F.G-M.G. QTZ. MONZ. Bi-MCHL. KSPAR RICH CHLORITIC ARBITVARS. NO SIGNIFICANT SERICITE | 143 | 3-5% PY EXTREMELY BROKEN, POOR RECOVERY, MoS ₂ ON DRY FRACTS AND WITH QTZ. | 142.0 | | 33% | 2M 25843 | 2.01 | 0.042 | | |
| | | | | | 25% | | | | | |
| AS ABOVE | 144 | 3-5% PY HIGHLY BROKEN. INTERSECTING PY, QTZ, MoS ₂ FRACTS. 3/10 cm. | 143.6 | | 63% | 25844 | 2.01 | 0.032 | | |
| ABOUT 50% PINK. ALSO SMALL QTZ-KSPAR PEGMATITE SECTIONS | | | | | 74% | | | | | |
| AS ABOVE | 147 | 1-3% PY IRREGULAR MoS ₂ FILLED SHEAR PLANES IN MANY DIRECTIONS 3-4/10 cm. | 145.3 | | | 25845 | 2.01 | 0.052 | | |
| HIGHLY SHEARED, KSPAR RICH (50%) SERICITE AND SERICITIZED FELDSPARS IN HIGHLY SHEARED SECTIONS. | | | | | 33% | | | | | |
| | 149 | | 146.3 | | | 25846 | | | | |
| | | | | | 48% | | | | | |
| | 150 | | 149.0 | | | | | | | |
| | | | 152.1 | | | | | | | |

PROPERTY PORPHYRY CR.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 29-1
 SHEET 16 OF 22

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG DEPTH IN METRES | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'VY WT. IN GRAMS CORE % | SAMPLE No. | ASSAY RESULTS | | | |
|--|--------------------------------|--|------------------|--------------|-------------------------------|------------|---------------|------------------|--|--|
| | | | | | | | Cu | MoS ₂ | | |
| ALT QZ. MONZ. 80% PINK | 186 | 1-2% Py | | 186.1 | | | | | | |
| FINE TO MEDIUM GRAINED LIGHT GREY QZ. MONZ. GRADES TO FELDSPAR PORPHYRY. LIGHT GREY PORPHYRITIC ROCK WITH 40% WHITE FELDSPAR PHENOS. IN A GRANULAR MATTALY | 187 | mos ₂ // CORE CORE FAIRLY MASSIVE, CHL. FRACT @ 45° AND // CORE | | 187.7 | 89% | 25858 | <.01 | 0.022 | | |
| | | | | | 92% | | | | | |
| BE → CHL. SOME SECTIONS CONTAIN PINK FELDSPARS AS ALTERATION PRODUCTS | 189 | 35° mos ₂ 1% Py FAIRLY MASSIVE ABOUT 5" THIN MOS ₂ SELVAGES IN SECTION. | | 189.4 | 75% | 25859 | <.01 | 0.007 | | |
| | | | | | 85% | | | | | |
| | | | | | 83% | | | | | |
| AS ABOVE INCREASING KSPAR CONTENT. | 192 | 40° mos ₂ 1% Py 45° 2mm QZ. TR. mos ₂ 10° 2mm QZ. mos ₂ 60° DRY mos ₂ FILM. | | 192.6 | 70% | 25860 | <.01 | 0.008 | | |
| | | | | | 70% | | | | | |
| | | | | | 61% | | | | | |
| HIGHLY FRACTURED, CRUSHED KSPAR RICH QZ. MONZ. 80% PINK, BE → CHL SERICITIZED FELDSPARS. SERICITE ON SAGARS. DECREASING KSPAR | 195 | 30° 70° mos ₂ FILM DISPLACES mos ₂ WITH QZ. AND PY 1-2% Py CRUSHING, mos ₂ ON IRREGULAR FRACTS. AT MANY ANGLES. AVERAGE OVER SECTION ABOUT 4/10cm mos ₂ FRACTURES WAGELY WITHOUT QZ. | | 195.1 | 50% | 25861 | <.01 | 0.043 | | |
| | | | | | 63% | | | | | |
| | 198 | 40° mos ₂ SHEARS. | | 198.7 | | | | | | |

PROPERTY PORPHYRY CR

GRID _____

DIAMOND DRILL LOG

HOLE No. 79-2SHEET 1 OF 20

LOCATION 1400N 475E BEARING EAST LATITUDE _____ CORE SIZE HΦ LOGGED BY P. FOLK
 DATE COLLARED 3 OCT. 79 LENGTH 236.5 M. (776 FT) DEPARTURE _____ SCALE OF LOG 1:1000 DATE _____
 DATE COMPLETED 20 OCT 79 DIP -60° ELEVATION 1585 M. REMARKS CORE SIZE REDUCED TO NΦ @ 131.1 METRES

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES | STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y | ASSAY RESULTS | | | | | | |
|---|---|-----------|---|---------------------|-----------------|-----------------|---------------|---------|-----------------------|--|--|--|--|
| | | | | | | WT. IN GRAMS | SAMPLE | % Cu | % MoS ₂ | | | | |
| | | | | | | CORE % | No. | | | | | | |
| <u>0-5 OVERBURDEN</u> | | | | | | | | | | | | | |
| MEDIUM GRAINED BIOTITE QUARTZ MONTECITE. SOMEWHAT PORPHYRITIC QUARTZ - 25% KSPAR - 35% PLAG. - 25% BIOTITE - CHLORITE 10% MINOR MANGANESE | 5 | | NICELY BROKEN → GRAVEL HEAVY LIMONITE QZ. STRINGERS VERY MINOR TRACES MoS ₂ | | 5.5 | 10% | 17501 | 2.01 | 0.002 ³ | | | | |
| AS ABOVE | 8 | | AS ABOVE | | 7.9 | 40% | 17502 | 2.01 | 0.002 | | | | |
| SOME FRESH BIOTITE, SOME CHLORITIC | | | | | 10.3 | 61% | | | | | | | |
| AS ABOVE | 11 | | AS ABOVE | | 11.6 | 50% | | | | | | | |
| | | | | | 12.2 | 77% | 17503 | 2.01 | 0.002 | | | | |
| AS ABOVE | 14 | | AS ABOVE | | 14.0 | 90% | | | | | | | |
| | | | HIGHLY BROKEN MINA DISSEMINATED MoS ₂ 60° MoS ₂ + Py | | 15.6 | 92% | | | | | | | |
| AS ABOVE | | | | | 15.8 | | 17509 | 2.01 | 0.002 | | | | |
| | 17 | | 80° MoS ₂ , QZ. SOLVACA. | | 17.4 | 75% | | | | | | | |

PROPERTY POPHYAY CK.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-2
 SHEET 3 OF 20

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'VY | | ASSAY RESULTS | | | | | | | | | |
|--|---|--|------------------|--------------|--------------|------------|---------------|------------------|-------|-------|--|--|--|--|--|--|
| | | | | | WT. IN GRAMS | SAMPLE No. | Cu | MoS ₂ | | | | | | | | |
| AS ABOVE SOME FRESH BI. | 29 | MoS ₂ // CORE, QZ. FILLED FRACTS. HIGHLY BROKEN | | | 1% PY | 29.5 | 75% | 17509 | 4.01 | 0.007 | | | | | | |
| | | | | | | 30.5 | 78% | | | | | | | | | |
| | | | | | | 31.3 | 61% | | | | | | | | | |
| BI, QZ. MONZ. 70% KSPAR-PINK ALT. SERPENTINE FRACTURES CHLORITIC FRACTURES BI → CHL. | 32 | MIN, LIM. LIMIT OF OXIDATION MoS ₂ // CORE NOTE CHL + SER. SHEARS. 30° THIN MoS ₂ QZ. | | | 1% PY | 32.6 | 72% | 17510 | 0.01 | 0.010 | | | | | | |
| | 35 | | | | 1-2% PY | 35.5 | 83% | 17511 | <0.01 | 0.012 | | | | | | |
| BI QZ. MONZ. SOME FRESH BI APPEARANCE OF GREEN FELDSPARS 20% | | FEW MoS ₂ , PY, QZ. // CORE 55° MoS ₂ QZ 95° SET OF SER. CHL. FRACTS. 3/10 CM 60° MoS ₂ FILM, SHEAR 10° SET OF CHL. SHEARS. | | | | 36.7 | 83% | | | | | | | | | |
| FAIRLY MASSIVE | 38 | | | | | 38.4 | 82% | | | | | | | | | |
| AS ABOVE NOTE INCLUSION OF 5g. GREEN VOLCANIC (?) SOME FRESH BI, LOCAL INCREASES IN KSPAR CONTENT. | 41 | MoS ₂ 30° 10° MoS ₂ CUT BY CHL. SHEARS 45° CHL. 40° THIN MoS ₂ 30° MoS ₂ 70° QZ. PY, MO LIM. | | | 1-2% PY | 39.0 | 95% | 17512 | 4.01 | 0.023 | | | | | | |
| MASSIVE | | | | | | 40.7 | 89% | | | | | | | | | |
| | | | | | | 41.8 | 88% | | | | | | | | | |

PROPERTY PANPHYAN CR.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 29-2
 SHEET 4 OF 30

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES | STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y | SAMPLE No. | ASSAY RESULTS | | | | |
|--|--|--|--|------------------------------|-------------------|--------------|------------|---------------|--|--|--|--|
| | | | | | | WT. IN GRAMS | | CORE % | | | | |
| Bi. Qtz. monz. 50% KSPAR-PINK ALT O ₂ → CHL. 10% GREEN FELDSPARS CHARACTIC FRACTURES AND SOME SER. MINOR LIM. ON FRACTS. MASSIVE | 41 | 10° M ₃ S ₂ Qtz. 90° M ₃ S ₂ Qtz. 1cm. TRIM M ₃ S ₂ 30° 2 CROSSING M ₃ S ₂ Qtz. SGLVARS. | 1-2% Py | 41.8 | 95% | 17513 | 2.01 | 0.033 | | | | |
| INCREASE IN KSPAR, PINK ALT. 65-70% ALSO INCREASE IN GREEN COLORATION OF ALG. (SERICITE) | 44 | 10° THIN M ₃ S ₂ Qtz. 10° PY, Qtz. 2mm 45° SAT OF CHL, SER. FRACTS M ₃ S ₂ Qtz. 55° M ₃ S ₂ // COAR CUTS M ₃ S ₂ Qtz. @ 55° | 3/10 cm M ₃ S ₂ 1-2% Py | 43.9 45.1 | 93% 99% | 17514 | 2.01 | 0.035 | | | | |
| PINK APLITE DECREASE IN KSPAR, PINK ALT. TO 50% O ₂ → CHL. SERICITE ON SOME FRACTURES CHL ON SERRAS MINOR SERICITIZATION OF FRACTS. | 47 | 30° M ₃ S ₂ 50° FRACT 2/10cm M ₃ S ₂ Qtz. 1mm WELL FRACTURED @ 45° + 0° SERICITE ON 0° FRACTS. MINOR MnO ₂ & LIM. | 1-2% Py | 46.0 48.1 48.8 49.4 | 62% 87% 83% | 17515 | 2.01 | 0.018 | | | | |
| DECREASE IN KSPAR TO 30% 1/2 THE BIOTITES FRESH. MASSIVE ROCK PINK ALT. AND KSPAR 45% | 50 | 30° M ₃ S ₂ SPECK CP. 40° Py, M ₃ VERY THIN. 55° 35° CRSS CUTTING M ₃ S ₂ VERY THIN. 25° PROMINENT SER FRACTS. @ 60° 55° M ₃ S ₂ 3 DIRECTIONS. | 1-2% Py | 50.3 51.5 52.4 | 90% 85% 89% | 17516 | 2.01 | 0.018 | | | | |
| PINK ALT. AND KSPAR 30% | 52 | | | 52.9 | 98% | | | | | | | |

PROPERTY POAPHYAY CK

GRID _____

DIAMOND DRILL LOG

HOLE No. 79-2SHEET 5 OF 20

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY PF
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH METRES STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y | SAMPLE No. | ASSAY RESULTS | | | | | | |
|---|--|--|------------------|--------------|--------------|------------|---------------|------------------|-------|--|--|--|--|
| | | | | | WT. IN GRAMS | | Cu | MoS ₂ | | | | | |
| PINK ACT-SPAR 30% B ₁ QTZ. MONZ CHL. SHEARS + FRAC. I.D. KSPAR ENRICHED | 53 | 70° SEA. FRACT. 30° MoS ₂ QTZ. 1mm 40° MoS ₂ QTZ. PY. 1-2mm. 3cm QTZ. PY. TR. CP CUTS MoS ₂ QTZ @ 30° | | | 1-2% PY | 98% | 17517 | <.01 | 0.018 | | | | |
| AS ABOVE MINOR SERICITIC ALT. OF FELDSPARS 45% PINK MINERALS CHL. SHEARS + SAR. | 56 | 45° MoS ₂ PY QTZ. 3/10cm. 30° MoS ₂ SEA. CHL. VERY THIN. 30° MoS ₂ | | | 1-2% PY | 80% | 17518 | <.01 | 0.019 | | | | |
| AS ABOVE KSPAR ENRICHED 25% GREEN FELDSPARS (SAR) | 59 | IRREGULAR QTZ. PY, MoS ₂ 30° MoS ₂ CHL. FRACT. CROSS CUTTING. | | | 1-2% PY | 60% | 17519 | <.01 | 0.028 | | | | |
| B ₁ → CHL. QTZ. MONZ. 45% KSPAR AND PINK ALTERATION 25% GREEN PLAG. 10% B ₁ CHL. SOME PABSH 20% QTZ. VERY LITTLE SEA. ON FRACTS. | 62 | 45° CHL. SHEAR 40° MoS ₂ QTZ. 35° MoS ₂ QTZ. 1cm. 40° QTZ. PY | | | 1-2% PY | 71% | 17520 | <.01 | 0.018 | | | | |
| | 65 | 90° MoS ₂ QTZ. 1cm | | | | 95% | | | | | | | |

PROPERTY Porphyry Cr.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-2
 SHEET 6 OF 20

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG DEPTH IN METRES | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'VY | SAMPLE No. | ASSAY RESULTS | | | | | | |
|---|--------------------------------|---|------------------|--------------|--------------|------------|---------------|------------------|--|--|--|--|--|
| | | | | | WT. IN GRAMS | | Cu | MoS ₂ | | | | | |
| AS ABOVE SOME SECTIONS WITH LESS KSPAR AND FASH BI. VERY LITTLE SER. ON FRACT. | 65 | 40° DARK QZ @ 0° DISPLACES MoS ₂ , QZ. @ 40° 30° QZ. PY. TRACES MoS ₂ 25° QZ. MoS ₂ 70° MoS ₂ QZ. CUT BY DAY MoS ₂ | | | 43% | | | | | | | | |
| | 68 | 30° MoS ₂ QZ. TRACES LIM, MnO ₂ | | | 90% | 17521 | 2.01 | 0.015 | | | | | |
| AS ABOVE KSPAR AND PINK ALT. 70% | | HIGHLY BROKEN. FAIRLY GOOD MoS ₂ , QZ., PY, TR. CP IN FRAGMENTS. 40° QZ. MINOR MoS ₂ | | | 50% | | | | | | | | |
| | 71 | FRACTURING // CORE + 70° CHL. SHEARS @ 45° | | | 67% | 17522 | 2.01 | 0.013 | | | | | |
| AS ABOVE SOME SER. FRACTS | | HIGHLY BROKEN 1-2% PY 40° SER. FRACTS + CHL. SHEARS. | | | 82% | | | | | | | | |
| | 74 | 70° MoS ₂ -QZ. PY 40° 2mm MoS ₂ , QZ. PY CHL. SHEARS 25° DAY MoS ₂ SHEAR TR. CP. | | | 78% | 17523 | 2.01 | 0.015 | | | | | |
| AS ABOVE DISTINCT GREEN PLAG. (SER.) MASSIVE CORE. | | 20° 10° MoS ₂ DAY FRACT. | | | 84% | | | | | | | | |
| | 77 | 20° MoS ₂ QZ. 20° MISL QZ. 30° | | | 93% | 17524 | 2.01 | 0.022 | | | | | |

PROPERTY POORHAY CK.
 GRID _____

DIAMOND DRILL LOG

HOLE NO. 29-2
 SHEET 9 OF 30

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'VY WT. IN GRAMS CORE % | SAMPLE No. | ASSAY RESULTS | | | |
|---|---|---|-------------------------|--------------|-------------------------------|------------|---------------|-------------------------------|--|--|
| | | | | | | | Cu | M ₂ S ₂ | | |
| AS ABOVE 60% PINK MINERALS Bi Qtz Monz. Bi → Epl. some FASIS Bi 40-50% PINK MINERALS GREENISH COLORATION MINOR SGA. SPARKS. | 101 | 1-2% Py 45° M ₂ S ₂ Qtz. 20° ORY Mos ₂ 10° | 101.8 | | 99% | 17533 | 2.01 | 0.018 | | |
| AS ABOVE some FASIS Bi | 104 | 1-2% Py 25° M ₂ S ₂ Qtz. 2mm. ORANGE SET Qtz SALVAGES CUTS THE ORANGE. LATER ORANGE IS MORE MYRITIC 30° CHL. SPARKS Mos ₂ Qtz. 2mm. | 109.2 109.8 | | 92% | 17534 | 2.01 | 0.033 | | |
| Bi → CHL. Qtz. MONZ. INCREASE IN PINK ALT. ABOUT 60% DISTINCT GREEN COLORATION. | 107 | 1-2% Py 25° M ₂ S ₂ Qtz. Py 2mm. CHL. SP. PY, Mos ₂ Mos ₂ Qtz. SALVAGES 2-3/10cm. | 107.3 | | 93% | 17535 | 2.01 | 0.043 | | |
| INCREASE IN PINKS TO 65% IN PLACAS Qtz. APPEARS AS EYES IN ORANGE GROUNDMASS. | 110 | 30° 20° 15° 45° SET OF CHL. FRACYS 2 SECS OF Qtz Py, Mos ₂ 30° WITH DISPLACEMENT | 110.8 | | 90% | | | | | |
| MASSIVE | 113 | 30° Mos ₂ Qtz. 35° M ₂ S ₂ Qtz. 2mm 45° M ₂ S ₂ CHL. SPARK | 110.3 110.6 111.9 | | 90% 86% | 17536 | 2.01 | 0.018 | | |
| | | | 113.4 | | 79% | | | | | |

PROPERTY POACHYAY CR.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-2
 SHEET 10 OF 30

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY PL
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | ROCK TYPE ALTERATION | GRAPHIC LOG DEPTH IN INCHES METRES | STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y | SAMPLE No. | ASSAY RESULTS | | | | |
|--|----------------------|--|-----------|---|------------------|-------------------------|--------------|------------|---------------|------------------|--|--|--|
| | | | | | | | WT. IN GRAMS | | Cu | MoS ₂ | | | |
| AS ABOVE | | 113 | | 1cm. QTZ. GOOD MoS ₂ ON EDGES 1% py 40° MoS ₂ SER. CHL. SPHER 24° 30° INTERSECTING QTZ. MoS ₂ 24° | | 113.9 | 92% | 17537 | <.01 | 0.033 | | | |
| AS ABOVE | | 116 | | 60° SET OF MoS ₂ FRACTS 2/10cm. INTERSECTING QTZ. MoS ₂ // COAR. 1-7% py 30° MoS ₂ QTZ. 2mm 2-3 MoS ₂ /10cm | | 116.4 | 99% | 17538 | <.01 | 0.033 | | | |
| AS ABOVE OCCASION IN X SPAN AND PINK ALZ - ABOUT 50% SOME SER. FRACTS. | | 119 | | MoS ₂ QTZ. IRREGULAR SER. FRACTS SOME MoS ₂ 45° MoS ₂ QTZ. 1mm. 1% py 30° SET OF MoS ₂ FRACTS } 3/10cm. | | 119.5 | 80% | 17539 | <.01 | 0.020 | | | |
| B: QTZ. MONZ. 65% X SPAN AND PINK AT QTZ. AS LARGE KYRS (SECONDARY) GREEN COLORATION TO SOME FRAGMENTS. SOME SALICITE FRACTALS, MOSTLY CALCITE. Pc → CHL. PINKS = 50% | | 122 | | CHL. SER. WELL FRACTURED MoS ₂ ON IRREGULAR CHLORITIC FRACTALS WITHOUT QTZ. SOME CP. SER. CHL. MINOR DISSEM. WATERED MoS ₂ | | 122.5 | 87% | 17540 | <.01 | 0.053 | | | |
| | | 125 | | SAGGS MoS ₂ WITH LAST ONE CONTAINING Py, CHL INTERSECTING QTZ. WITH AGR. | | 124.1 124.7 125.6 | 95% 95% | | | | | | |

PROPERTY POORPHYRY CK.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 29-2
 SHEET 14 OF 20

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY PK
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | ROCK TYPE ALTERATION GRAPHIC LOG DEPTH METRES | STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'VY | SAMPLE No. | ASSAY RESULTS | |
|--|---|------------|---|------------------|--------------|--------------|------------|---------------|-------|
| | | | | | | WT. IN GRAMS | | CORE % | |
| UNALTERED BI QZM FRESH BI PINK MINERALS 46% FINEBY DISSEMINATED MOSE IN HIGH KSPAR RICH ZONE. 90% PINKS 40% PINKS. | 161 | 35° 40° | 12% PY QZ. PY @ 25° CUTS M ₂ S ₂ , QZ. @ 40° CHL GYPSUM SHEAR 35° CROSS CUTTING M ₂ S ₂ MINOR QZ. 10° MINOR M ₂ S ₂ QZ. 50° SET OF CHL. CRACKS OVER GYPSUM. | | 162.2 | 97% | 17303 | 0.01 | 0.035 |
| BI QZ. MONZ. MOST BI ARE CHLORITIZED ABOUT 40% KSPAR AND PINK MAGNETIC ALT. SOME FRESH BI NO SERICITE FRACTURES SOME LIGHT GREEN FELDSPARS. | 164 | 35° 40° | 12% PY FRACTURING MASSIVE CORE. @ 60° A FEW M ₂ S ₂ FILMS AND QZ. SCLAVAGES. VERY LITTLE M ₂ S ₂ WITH QZ. 45° M ₂ S ₂ THIN | | 165.2 | 83% | 17304 | 0.01 | 0.033 |
| INCREASE IN ALTERATION, KSPAR-PINK ABOUT 60%, QZ. 20%, 15% GREENISH FELDSPARS 5% MAGNES → CHL. ALL CRYSTALS HAVE VAGUE, FUZZY OUTLINES. | 167 | | HIGHLY BROKEN 2.0cm QZ. M ₂ S ₂ PY CUT BY TANGLINE CHL SHEARS @ BOTH ENDS 35° CHL, PY, M ₂ S ₂ SHEAR 2cm IRREGULAR M ₂ S ₂ QZ. PY SHEARED AFTER EMPLACEMENT OF M ₂ S ₂ 30° QZ. CHL SHEARS SOME SERICITE QZ. CHL INCRAS SOME SERICITE. 75° CONTACT OF INCLUSION 25° M ₂ S ₂ QZ. 1mm CUTS INCLUSION. 33° THIN M ₂ S ₂ 15° M ₂ S ₂ PY STRINGERS, M ₂ S ₂ ON EDGES OR PY. | | 169.2 | 77% | 17305 | 0.01 | 0.045 |
| AS ABOVE FINE GRAINED GREEN PYRITIZED INCLUSION | 170 | | | | 171.3 | 99% | 17306 | 0.01 | 0.027 |
| MASSIVE CORE | 173 | | | | 172.8 | | | | |

PROPERTY _____
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-2
 SHEET 15 OF 29

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | ROCK TYPE ALTERATION | GRAPHIC LOG DEPTH IN METRES | STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y | SAMPLE No. | ASSAY RESULTS | | | | | |
|---|----------------------|--------------------------------|-----------|--|------------------|--------------|--------------|------------|---------------|------------------|-------|--|--|--|
| | | | | | | | WT. IN GRAMS | | Cu | MoS ₂ | | | | |
| AS ABOVE ABOUT 50% KSPAR AND PINK HERCYNITE ALT. 20% QTZ 15% GREEN PLAG. 5% CNL. SOME KSPAR POOR AND KSPAR RICH SECTIONS | | 173 | | 30' MoS ₂ QTZ. 1mm. 33' QTZ. MoS ₂ PY 3mm. IRREGULAR MoS ₂ , CNL. 30' CROSS CUTTING MoS ₂ , QTZ. 40' CROSS CUTTING MoS ₂ , QTZ. AVERAGE 2/10cm 45' CROSS CUTTING MoS ₂ QTZ 40' | 1-2% PY | | 1728 | 93% | 17307 | 2.01 | 0.038 | | | |
| AS ABOVE WITH DECREASE IN KSPAR CONTENT AND APPEARANCE OF GYPS. FABR. B. CONSPICUOUS QUARTZ LYS. | | 176 | | SHEARING @ 20° MoS ₂ , QTZ. CUTS BARRAN QTZ. IRREGULAR MoS ₂ , PY HAILING FRACTURES. 20° THIN MoS ₂ QTZ. 45° 1cm MoS ₂ QTZ 30° 1cm MoS ₂ QTZ | 1-2% PY | | 1729 | 90% | 17308 | 2.01 | 0.069 | | | |
| INCREASED MoS ₂ CONTENT → 15% AND MORE FABR. B. | | 179 | | 30' 2mm MoS ₂ QTZ. 60' THIN MoS ₂ QTZ. 90 CNL. SGR. SGRAR 3 MoS ₂ VEINETS | 1-2% PY | | 1804 | | 17309 | 2.01 | 0.047 | | | |
| AS ABOVE | | 182 | | 100 SGR SGRAR 50' 1cm MoS ₂ QTZ. 45' } 2mm QTZ. MoS ₂ 40' } CNL SGRAR GYPSUM | 1% PY | | | 99% | | | | | | |
| | | 185 | | 30' MoS ₂ QTZ. 1mm. | | | 1835 | 93% | 17310 | 2.01 | 0.037 | | | |
| | | | | | | | 1865 | | | | | | | |

PROPERTY POPHYRY CE.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-2
 SHEET 17 OF 20

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

| ROCK TYPES AND ALTERATION | GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE | MINERALIZATION AND STRUCTURES | SPECIFIC GRAVITY | METRE BLOCKS | REC'Y | SAMPLE No. | ASSAY RESULTS | | | | | |
|--|---|---|------------------|--------------|----------------|------------|---------------|-------|------------------|--|--|--|
| | | | | | WT. IN GRAMS | | CORE % | Cu | MoS ₂ | | | |
| UNALTERED Bi. QTZ. MONZ. KSPAR + 20% 1/2 THE DISTINT FRESH, 1/2 CHLORITIC. PINK MINERALS: 60% KSPAR | 197 | 30° 3mm QTZ. MoS ₂ 45° 1mm QTZ. MoS ₂ 70° THIN MoS ₂ QTZ. 30° 1cm QTZ. MoS ₂ PY MoS ₂ SELVAGES FAR APART. 1% PY | | | 198.7 | 17315 | 2.01 | 0.055 | | | | |
| | 200 | 45° 3cm QTZ. MINOR MoS ₂ ASSOCIATED WITH KSPAR 1% PY | | | 94% | | | | | | | |
| LIGHTLY ALTERED Bi-CHL QTZ. MONZ. 40% KSPAR 15% GREEN PLAG. WELL ALTERED QTZ. MONZ. 60% PINK ALT. + KSPAR | 203 | 45° THIN QTZ. MoS ₂ 20° MoS ₂ CHL. GYPSUM 30° QTZ. MoS ₂ 40° SER. CHL SHEAR ZONE 2cm. 50° MoS ₂ | | | 201.6 | 17316 | 2.01 | 0.043 | | | | |
| 40% PINK 70% PINK 40% PINK | 206 | 60° SET OF CHL. FRACTS. 45° SET OF CHL. GYPSUM FRACTS. 10° SHEAR 3 MoS ₂ FRACTURES OVER ENTIRE SECTION. 1% PY | | | 209.5 | 17317 | 2.01 | 0.023 | | | | |
| UNALTERED TO HIGHLY ALTERED Bi QTZ. MONZ. SOME SECTIONS CONTAINING STRONG ALTERATION SOME FRESH Bi THROUGHOUT 25-30% KSPAR. | 209 | 25° 3mm QTZ. MoS ₂ 60° INTERSECTING QTZ. MoS ₂ 1mm. 60° 40° 2mm PY. QTZ. MoS ₂ 10° CHL. SHEAR. 1% PY | | | 206.7 207.9 | 17318 | 2.01 | 0.037 | | | | |
| | | | | | 210.5 | | | | | | | |

