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| GEOLOGICAL SURVEY BRANCH<br>ASSESSMENT REPORTS |
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JAN 10 1996

Gold Commissioner's Office  
VANCOUVER, B.C.

CYPRUS CANADA INC.  
REPORT ON DIAMOND DRILLING  
ON THE TAURUS PROPERTY,  
ADD 1-4, ALTA 3-4, ELAN 2 and REO 1-12,  
LIARD MINING DIVISION,  
NORTHERN BRITISH COLUMBIA (104P/5E)  
LAT. 59°17'N, LONG. 129°45'W

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**24,275**

Claims owned by : CUSAC GOLD MINES LTD.  
Operator : CYPRUS CANADA INC.

**FILMED**

JANUARY 26, 1996  
Vancouver, B.C.

David J. Bridge  
David Broughton

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CLAIMS OWNED BY CUSAC GOLD MINES LTD.,  
LIARD MINING DIVISION, BRITISH COLUMBIA

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BRITISH COLUMBIA

## **SUMMARY**

A major diamond drill program and IP survey was completed in 1995 on the Taurus Property. The Taurus Property is near the Cassiar townsite in the Liard Mining Division, northern British Columbia. Only a portion of the drilling program which was conducted on the property is filed for assessment credit.

## **INTRODUCTION**

The Taurus Property consists of 3 groups of mineral claims owned by Cusac Gold Mines Ltd., International Taurus Resources Ltd. and D. Busat. Work filed in this assessment report is to cover the mineral claims owned by Cusac Gold Mines Ltd. Three periods of diamond drilling were completed on the Taurus Property from March 9 to March 29, May 14 to June 12 and July 4 to October 8, 1995.

The Taurus property mineral claims were surveyed by BC Land surveyors from the company Underhill and Underhill of Vancouver, B.C. from June 15 to July 23, 1995. An IP and magnetometer survey was completed over the property during April with additional lines being completed in August.

Four NQ and NQ3 diamond drill holes totalling 625.1m and two HQ and HQ3 drill holes totalling 268.8m of drilling are filed in this report for assessment credit on the mineral claims owned by Cusac Gold Mines Ltd. Only 65% of drill hole T95-10 is filed for assessment credit because the hole was collared on a mineral claim owned by International Taurus Resources Ltd and drilled south into ground held by Cusac Gold Mines Ltd.

## **LOCATION**

The Taurus Property is located 8km east of the townsite of Cassiar in northwestern British Columbia (Figure 1). Access to the property is via Highway 37 from Watson Lake or Dease Lake and then by a paved road going to Cassiar.

## **HISTORY**

The Cassiar area was first explored for placer gold during 1874 after the gold rush along Dease Lake in 1873. The earliest claims on the Taurus Property still in good standing were staked in 1934 and 1936. The central mineral claims of the Taurus Property are owned by International Taurus Resources Ltd. The

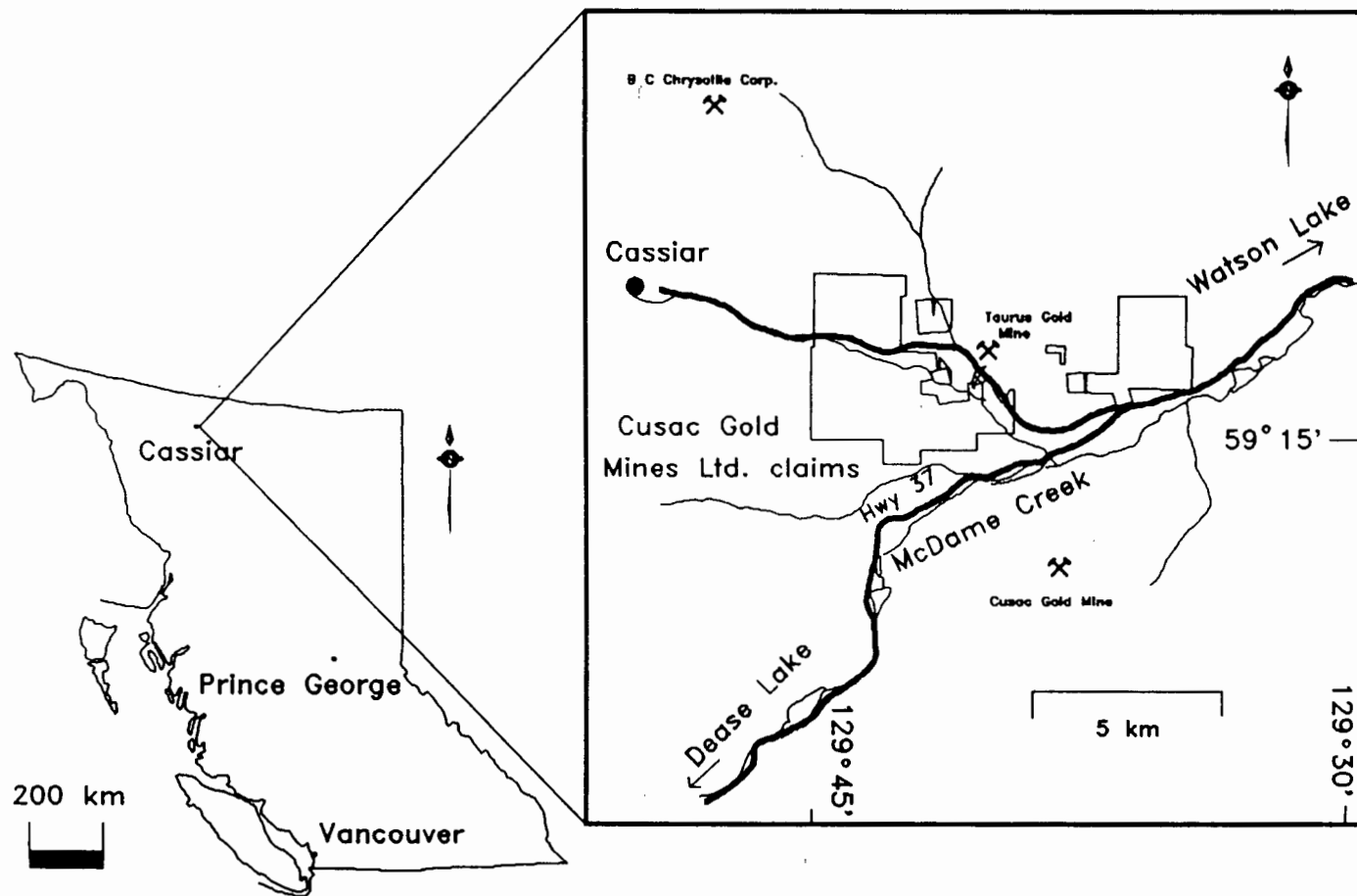
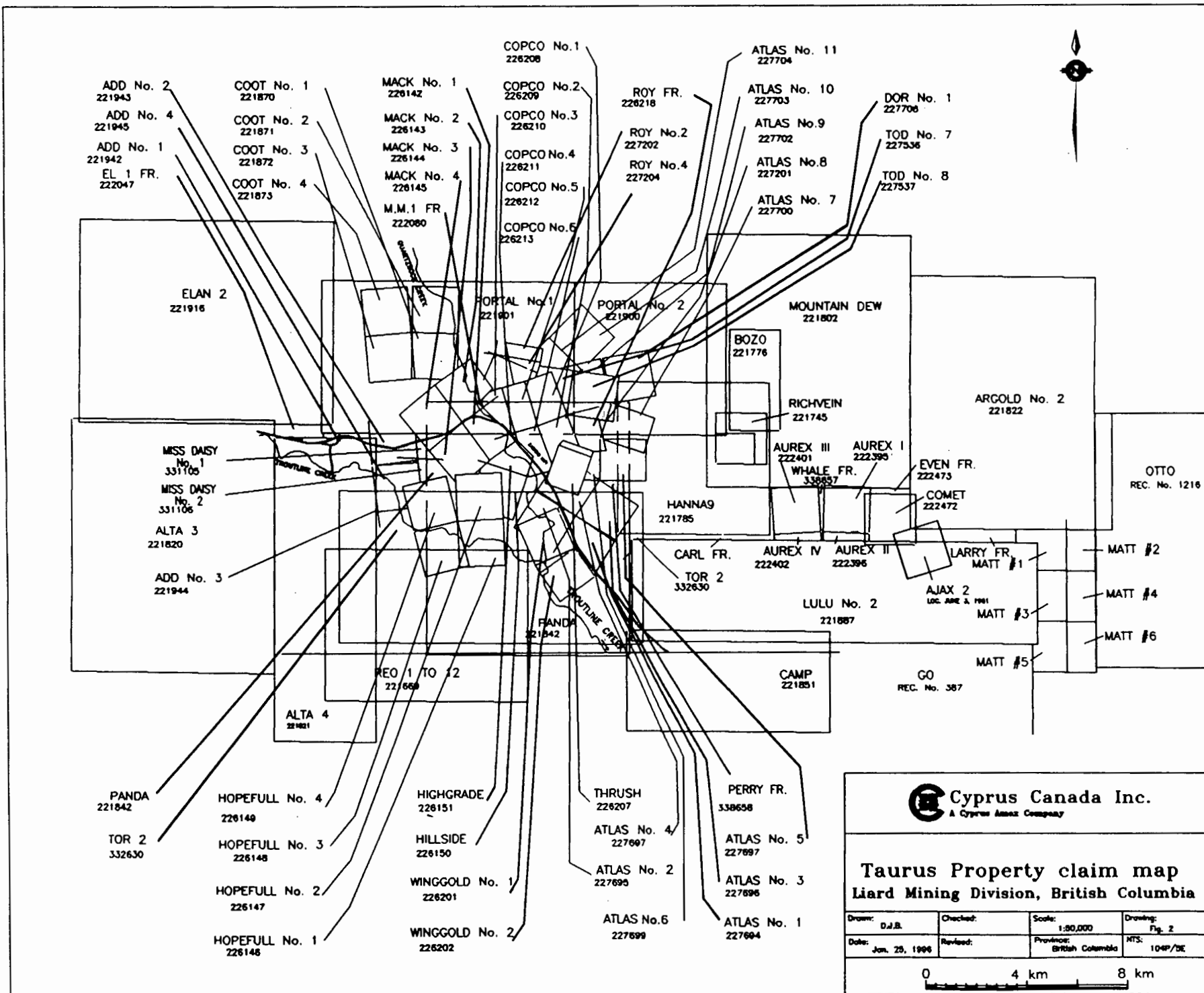


Figure 1. Location and Index map; diagrams modified from Nelson and Bradford (1993) and Geological Fieldwork (1989).



**Cyprus Canada Inc.**  
A Cyprus Amex Company

**Taurus Property claim map**  
Liard Mining Division, British Columbia

|                     |          |                            |                 |
|---------------------|----------|----------------------------|-----------------|
| Drawn: D.J.B.       | Checked: | Scale: 1:80,000            | Drawing: Fig. 2 |
| Date: Jan. 28, 1996 | Revised: | Province: British Columbia | NTS: 104P/DE    |

0 4 km 8 km

peripheral claims are owned by Cusac Gold Mines Ltd. The Reo claim was staked in 1976 and was drilled by Erickson Gold Mines Ltd in 1981 after a surface geochemical survey in 1980. The Elan 2 claim was staked in 1980 and drilled later that year by Agnes and Jennie Mining Co. Ltd. Erickson Gold Mines Ltd drilled 12 holes in 1983 after an extensive trenching program along the Elan vein in the east - central portion of the Elan 2 claim.

## CLAIMS

Table 1 contains the mineral claims owned by Cusac Gold Mines Ltd (Fig. 2 and Map 1). The claims were surveyed by BC Land surveyors from the firm Underhill and Underhill using GPS equipment and transits.

TABLE 1.

| MINERAL CLAIM | RECORD NUMBER | EXPIRY DATE |
|---------------|---------------|-------------|
| Add 1         | 221942        | 05/16/2004  |
| Add 2         | 221943        | 05/16/2004  |
| Add 3         | 221944        | 05/16/2004  |
| Add 4         | 221945        | 05/16/2004  |
| Atla 3        | 221820        | 05/31/2004  |
| Atla 4        | 221821        | 05/31/2004  |
| Elan 2        | 221916        | 01/30/2003  |
| Reo 1-12      | 221669        | 05/27/2004  |

## REGIONAL GEOLOGY

The Taurus Property is located in the Sylvester allochthon which is a flat bottomed synclinorium of thrust stacked slices of Mississippian to Triassic ophiolite and island-arc type rocks resting upon the miogeoclinal Cassiar Terrane (Nelson and Bradford, 1993). The property is underlain by Mississippian basalt flows, which structurally overlie Triassic Table Mountain sediments of the Sylvester allochthon. Ten kilometres west of the property the granite to granodiorite, Cretaceous Cassiar Batholith intruded the sediments of the Cassiar Terrane. Mineralization in the Taurus Property pre-dates the intrusion of the Cassiar Batholith. (Panteleyev and Diakow, 1982).

## LOCAL GEOLOGY

Seven distinctive lithologies have been identified on the Cusac Gold Mines Ltd mineral claims on the Taurus Property. Most of the property is covered with a massive basalt and magnetic pillow basalt which structurally overlies interlayered basalt, tuff, chert, argillaceous chert, and argillite.

### Rock descriptions:

Basalt is dark to light green, aphanitic to phaneritic massive rock (coded T1) which is exposed on surface throughout the Taurus Property. The unit is 100-250 metres thick and hosts most of the mineralization in the property. This rock has intervals of pillow basalt with spherulitic jasper ooid patches.

Magnetic pillow basalt (T1A) is a dark green with a purple tinge, magnetic, aphanitic rock displaying pillows and spherulitic jasper patches. This rock commonly forms a unit usually located below the massive basalt.

Tuff (T8) is a clast supported lapillistone with clasts up to 3cm in a calcite rich matrix.

Chert (T7A) is well banded with layers 1-4cm thick of light grey siliceous rock. The unit is located below a basal fault beneath the massive basalt. Banding in this unit locally appears to be a superimposed deformation fabric, which suggests that the rock may be a silicified basalt or silicified, bedded mudstone.

Argillite (T6) is black, foliated, graphitic rock; where the unit has siliceous layers it is called an argillaceous chert (T7).

Lamprophyre dykes (T11) are composed of phenocrysts of biotite in a magnetic matrix. The dykes have a xenocrysts of pink orthoclase and rare granitic xenoliths. The massive basalt has thin, magnetic hornfels contacts where the dykes intrude it.

### Structure:

A weak regional foliation trends 000 to 340° and dips steeply throughout the Taurus Property. The intensity of the foliation locally increases towards the east - west mineralized zones. There are three known fault orientations on the property: (1) a gently dipping basal fault separates the overlying massive basalt from the argillite, argillaceous chert and chert; (2) north-trending, shallow east-dipping faults form a series of imbricated thrusts; and (3) steeply dipping north-westerly trending faults cut mineralized zones. These fault have been previously recognised by Read and Psutka (1983).



Un-mineralized massive basalt and pillow basalt has a pervasive chlorite +/- calcite +/- epidote or zoisite? +/- pyrite alteration which is the regional lower greenschist metamorphic overprint (Nelson and Bradford, 1993). These units have locally, minor to rare chlorite - pyrrhotite +/- chalcopyrite veinlets or epidote - jasper veinlets.

Mineralization in the basalt is accompanied by bleached, grey to pale violet-grey iron carbonate - sericite - pyrite alteration, which weathers rusty red. The alteration is texturally destructive, commonly with a massive compact character. Variably altered basalt with no sulphides is coded as unit T2.

**Mineralization:**

The main mineralization on the Cusac Gold Mines Ltd mineral claim intersected by the drill holes filed in this assessment report is a quartz vein type (T4). This type consists of narrow zones containing 5 to 15 percent narrow quartz-carbonate veins and 1 to 10 percent fine to coarse pyritohedrons, disseminated in the altered basalt or locally argillaceous chert and deformed argillite.

**DRILL HOLE GEOLOGY**

The drill holes tested broad chargeability anomalies in the south central (T95-10,11 and 17) and southwest (T95-12, 15 and 16) parts of the property. The anomalies were explained by pyritic gold mineralization (T4) overlying graphitic argillites. The drill core is stored in core racks at the Taurus Camp.

Cross section 1 (10+50W) shows drill holes T95-10 and T95-17 intersecting several narrow quartz vein zones in basalt. T95-10 had one quartz vein zone returning 0.102 g/t 38.0 to 43.0 metres and T95-17 intersected three zones with one higher grade zone returning 1.09 g/t from 144.00 to 152.0 metres.

Cross section 2 (12+00W) shows drill hole T95-11 which intersected four narrow quartz vein zones in the first 54 metres in basalt and two zones at the base of the hole. These zones graded 0.23 g/t from 9.6 to 13.6 metres, 2.52 g/t from 20.85 to 24.7 metres and 0.201 g/t from 47.3 to 52.0 metres.

Cross section 3 (22+50W) shows drill hole T95-12 intersecting five, steeply dipping quartz vein zones in variably altered basalt above a basal thrust fault and argillite. The drill hole intersected 0.558 g/t Au from 54.7 to 56.5 metres, 0.176 g/t from 121.1 to 131.5 metres and 0.437 g/t Au from 136.6 to 142.7 metres.

Cross section 4 (25+50W) shows two drill holes T95-15 and T95-16 which intersect interlayers of argillite, argillecous chert, chert, tuff and altered basalt with steeply dipping quartz vein zones. T95-15 intersected 0.37 g/t Au from 38.0 to 42.0 metres and T95-16 intersected 0.41 g/t from 19.8 to 40.0 metres and 0.19 g/t from 44.0 to 52.0 metres.

## CONCLUSIONS

The drill results indicate the presence of basalt - hosted low grade gold mineralization in previously unexplored areas at the south end of the property. The mineralization is similar to that in the central property area, and most of the IP chargeability anomaly remains untested.

## STATEMENT OF COSTS

Period of Work: May 22 - May 30 and  
July 4 - July 11 , 1995

893.90 metres in six holes (2 HQ and 4 NQ drill holes)

Work Done By: D.J. Drilling Co. Ltd  
2115 - 129<sup>th</sup> St.  
S. Surrey, B.C. V4A 8H6

### Drilling Costs

| Drill hole | Metres | Drilling   | Mud   | Tests | Liq.Mud | Adjustment      | Total      |
|------------|--------|------------|-------|-------|---------|-----------------|------------|
| T95-10     | 102.4  | \$6,291.43 | \$135 | \$150 |         | 0.65 (6,576.43) | \$4,274.67 |
| T95-11     | 166.4  | 11,093.93  | 345   | 200   | 450     |                 | 12,088.93  |
| T95-12     | 174.0  | 9,212.01   | 165   | 200   |         |                 | 9,577.01   |
| T95-15     | 106.1  | 5,311.98   | 105   | 100   | 300     |                 | 5,816.98   |
| T95-16     | 78.0   | 3,988.37   |       | 100   |         |                 | 4,088.37   |
| T95-17     | 267.0  | 13,747.64  | 75    | 300   |         |                 | 14,122.64  |

| Drill hole | Demobilization Cost | Core boxes   | Moves       | Cat   | Total Cost |
|------------|---------------------|--------------|-------------|-------|------------|
| T95-10     | (0.65) \$765.72     | (0.65) \$207 | (0.65) \$60 |       | \$4,945.93 |
| T95-11     | 765.72              | 333          | 60          | 237.5 | 13,485.15  |
| T95-12     | 765.72              | 261          | 720         | 380.0 | 11,703.73  |
| T95-15     |                     | 53.13        | 108         |       | 5,978.11   |
| T95-16     |                     | 53.13        | 78          |       | 4,219.50   |
| T95-17     |                     | 53.13        | 270         | 180.0 | 14,625.77  |

Sub Total \$54,958.19

Assays: Chemex Labs Ltd.  
212 Brooksbank Ave.  
N. Vancouver, B.C. V7J 2C1

Samples assayed for Au g/t  
310 @ \$21.50 per sample = \$6,665.00

Grand Total \$61,623.19

## REFERENCES:

- Geological Survey Branch, 1989. Geological Fieldwork, 1988, MEMPR, Paper 1989-1, p 4.
- Howell, W. and Bridge, D.J. 1995. Assessment report on Portal 1, Miss Daisy 1, 2, Bes 1,2, Tor 2 and Mack 4 mineral claims, Liard Mining Division, British Columbia.
- Nelson, J.L and Bradford, J.A., 1993. Geology of the Midway-Cassiar area, Northern British Columbia, MEMPR, Bulletin 83, 94p.
- Panteleyev, A. and Diakow, L.J., 1982. Cassiar gold deposits, McDame map-area (104P/4,5); Geological Fieldwork 1981, MEMPR, Paper 1982-1, p 156-161.
- Read, P.B and Psutka, J.F., 1983. Surface Geology, Taurus Mine, Cassiar B.C.; unpublished consultant report.

## STATEMENT OF QUALIFICATIONS

I David J. Bridge of Cyprus Canada Inc. do hereby certify that:

1. I am a contract geologist with Cyprus Canada Inc. and reside at 1706-2004 Fullerton Ave., N. Vancouver, B.C.
2. I am registered as an Engineer in training with APEGBC.
3. I have a BAsC and MASc from The University of British Columbia in 1990 and 1994 respectively.
4. I have been employed as a contract geologist with Cyprus Canada Inc. since May 1995 and with International Taurus Resources Ltd. since November 1994.
5. I have worked on the Taurus Property as a core logger and geological mapper from May to October, 1995.

Respectively,



David Bridge  
Cyprus Canada Inc.

January, 1996  
Vancouver, B.C.

## STATEMENT OF QUALIFICATIONS

I David W. Broughton of Cyprus Canada Inc. do hereby certify that:

1. I am a Project Geologist with Cyprus Canada Inc., residing at 1134 50B St., Delta, B.C. V4M 2W1.
2. I am a Fellow of the Geological Association of Canada.
3. I hold an M.Sc and B.Sc in Earth Sciences from The University of Waterloo, Waterloo, Ontario.
4. I have ten years work experience in exploration and mining geology.
5. I am Project Manger for the Taurus Project, and was on site in March, May, and intermittently from June through October, 1995

Respectively,



David W. Broughton  
Cyprus Canada Inc.

January, 1996  
Vancouver, B.C.

## STATEMENT OF QUALIFICATIONS

I Mark W. Masson of Cyprus Canada Inc. do hereby certify that:

1. I am a contract geologist with Cyprus Canada Inc. and reside at 206-125 East 5th St., North Vancouver. British Columbia.
2. I am a graduate of Queen's University, Kingston, Ontario with a BSc in Geology, 1983.
3. I have been actively working in geology since 1983.
4. I was present at the Taurus Project as Assistant Manger from May to September, 1995.

Respectively,

Mark W. Masson  
Cyprus Canada Inc.

January, 1996  
Vancouver, B.C.

## STATEMENT OF QUALIFICATIONS

I Angela Gasparetto of Cyprus Canada Inc. do hereby certify that:

1. I am a contract geologist with Cyprus Canada Inc. and reside at 476 Leigh's Bay Road, Sault Ste. Marie, Ontario, P6A 6K4.
2. I am a graduate of Lake Superior State University, where I received a Bachelor of Science (Bsc Geol.) in 1983.
3. I have been employed in exploration geology since 1979, and have 12 years working experience in my profession since graduation.
4. I was employed as a drill geologist at the Taurus Property - Cyprus Canada Inc. from July to October 1995.

Respectively,

Angela Gasparetto  
Cyprus Canada Inc.

January, 1996  
Vancouver, B.C.



**APPENDIX**  
**DIAMOND DRILL LOGS**



| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
| .00         | 5.50      | OVERBURDEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |             |           |               |          |           |           |         |             |              |
| 5.50        | 20.40     | MAFIC FLOW<br>Grey green, very fine grained to fine grained mafic volcanic, massive, locally with a well developed chloritic crack and seal texture. Unit typically very weakly ankeritic to calcitic and contains minor barren white quartz calcite veining up to 5 cms wide and generally contains abundant chloritic fractures throughout. Typically non-magnetic, Magnetic Susceptibility up to 1, and unmineralized, rqd typically 95%.<br>15.90 20.00 Fault at 5 to 15 degrees to the core axis, sharp, tight chloritic fault slip set 1 to 4 mms wide, typically with weak chloritic fault gouge developed.<br>26.8 Fault at 55 degrees to the core axis, 4 to 5 mm wide chloritic fault gouge with moderately strong chloritic fracturing of wallrock up to 10 cms adjacent to fault.<br>Lower contact very sharp and irregular, probably alteration front.                                                                                                                                                                             |        |             |           |               |          |           |           |         |             |              |
| 20.40       | 37.70     | MAFIC FLOW WEAKLY ALTERED<br>Light grey to medium grey, pervasively weakly to locally moderately silicified mafic flow, with patchy grey green UNALTERED sections generally up to 1 metre wide.<br>Unit is typically massive, very fine grained to aphanitic, locally grading to a fine grained mottled texture basalt.<br>Section is typically unmineralized, locally contains trace spotty pyrite and typically contains 1 to 3% quartz calcite veinlets generally as late, irregular fracture fillings. Magnetic Susceptibility .06, rqd 95%.<br>24.00 25.00 Massive, silicified mottled basalt.<br>25.00 26.00 Massive weakly to moderately silicified basalt.<br>25.30 Fault at 55 degrees to the core axis, 3 to 4 mm wide, moderately strong chloritic fault seam with good fault gouge and slicks developed, and trace smeared pyrite on fault face. Irregular barren quartz calcite vein up to 1 cm wide adjacent to slip.<br>Lower contact marked by an irregular, dark grey cherty vein.<br>30.00 31.00 Trace pyrite associated with |        |             |           |               |          |           |           |         |             |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42451  | 24.00       | 25.00     | 1.00          | 100.0    | .003      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42452  | 25.00       | 26.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42453  | 26.00       | 27.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42454  | 27.00       | 28.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42455  | 28.00       | 29.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42456  | 29.00       | 30.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42457  | 30.00       | 31.00     | 1.00          | 100.0    | tr        | .000      | 3.000   | .003        |              |

| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
|             |           | irregular grey white quartz calcite veining.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 42458  | 31.00       | 32.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42459  | 32.00       | 33.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42460  | 33.00       | 34.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42461  | 34.00       | 35.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42462  | 35.00       | 36.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42463  | 36.00       | 37.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           | 37.00 38.00 Light grey cherty siliceous vein ? from 37.7 38.0 with 1% pyrite at vein margins.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42464  | 37.00       | 38.00     | 1.00          | 100.0    | .500      | .000      | 1.000   | .003        |              |
| 37.70       | 44.00     | PYRITIC QUARTZ VEIN MINERALIZED ZONE STRONGLY ALTERED<br>Light to pale grey to locally dark grey, moderately to strongly to locally intensely altered basalt, generally with 3 to 10% disseminated pyrite. Unit ranges from pervasively ankeritic and silicified light buff to tan coloured to a mottled light grey and buff coloured basalt composed of irregular buff coloured ankerite altered patches within a light to dark grey silicified and pyritic groundmass. Section contains 3 to 5% dark blue to grey irregular quartz calcite veins and pods up to 12 cms wide, typically with 1 to 2% pyrite within veins and at vein contacts.<br>Magnetic Susceptibility 0.1, reqd 95%.<br>Lower contact marked by a very sharp, irregular alteration front. |        |             |           |               |          |           |           |         |             |              |
|             |           | 38.00 39.00 Mottled ankeritic alteration within pervasively silicified basalt with 1 to 10% very fine grained disseminated pyrite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 42465  | 38.00       | 39.00     | 1.00          | 100.0    | 3.000     | .500      | 10.000  | .030        |              |
|             |           | 39.00 40.00 Dark grey to buff coloured pervasively altered basalt with 5 to 10% very fine grained disseminated pyrite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 42466  | 39.00       | 40.00     | 1.00          | 100.0    | 7.000     | .500      | 10.000  | .050        |              |
|             |           | 40.00 41.00 Intensely altered, ankeritic and silicified, buff coloured basalt with 5 to 7% disseminated pyrite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42467  | 40.00       | 41.00     | 1.00          | 100.0    | 5.000     | 2.000     | 5.000   | .125        |              |
|             |           | 41.00 42.00 Intensely altered bleached basalt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42468  | 41.00       | 42.00     | 1.00          | 100.0    | 10.000    | 2.000     | 2.000   | .155        |              |
|             |           | 42.00 43.00 Intensely bleached, ankeritic silicified basalt with 5 to 10% disseminated pyrite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42469  | 42.00       | 43.00     | 1.00          | 100.0    | 7.000     | 2.000     | 1.000   | .150        |              |
|             |           | 43.00 44.00 Intensely bleached, ankeritic, silicified basalt very weakly mineralized.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 42470  | 43.00       | 44.00     | 1.00          | 100.0    | tr        | tr        | 2.000   | .003        |              |
| 44.00       | 46.80     | ALTERED MAFIC FLOW MODERATELY ALTERED<br>Dark grey moderately altered, massive basalt typically with mottled texture composed of light grey white carbonate masses within dark grey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 42471  | 44.00       | 45.00     | 1.00          | 100.0    | tr        | tr        | 2.000   | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42472  | 45.00       | 46.00     | 1.00          | 100.0    | .500      | .000      | 1.000   | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42473  | 46.00       | 47.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |











| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
| .00         | 9.60      | OVERBURDEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |             |           |               |          |           |           |         |             |              |
|             | 9.10      | 9.60 Rubbly section near bedrock interface consisting of rounded pebble clasts and fragments of granitic material, and subangular fragments of volcanics typically with pyrite and poorly lithified clay with cemented fragments of quartz and exotic lithics.                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |             |           |               |          |           |           |         |             |              |
| 9.60        | 14.36     | PYRITIC QUARTZ VEIN MINERALIZED ZONE STRONGLY ALTERED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |             |           |               |          |           |           |         |             |              |
|             |           | Very rubbly, broken blocky interval near surface, comprised of semi-coherent mud and clay fault zones which typically contain angular fragmented white quartz and lithic fragments up to 2 cms, and minor fine grained pyrite to strongly brecciated light grey to buff coloured, altered pyritic basalt within a dark grey to black quartz carbonate matrix associated with dark grey mud-clay fault seams to massive white quartz veins typically with strongly altered brecciated and bleached pyritic basalt inclusions to and narrow intervals of strongly fractured and altered, light grey to tan coloured basalt generally with 3 to 5% fine grained pyrite and 2% coarse grained euhedral pyrite. |        |             |           |               |          |           |           |         |             |              |
|             |           | Magnetic Susceptibility .03 rqd 0%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |             |           |               |          |           |           |         |             |              |
|             | 9.60      | 11.20 Strongly fractured to brecciated, bleached and silicified, light brown to tan coloured basalt with 3% fine grained disseminated pyrite, with blue grey quartz fracturing with 5 to 10% medium grained pyrite interstitial to fragments. Section contains 5 cm pyritic mud seam at 10.6 metres.                                                                                                                                                                                                                                                                                                                                                                                                       | 42485  | 9.60        | 11.00     | 1.40          | 75.0     | 15.000    | 5.000     | 1.000   | .195        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 42486  | 11.00       | 12.20     | 1.20          | 75.0     | 7.000     | 2.000     | 60.000  | .225        |              |
|             | 11.20     | 11.30 Mud seam, dark grey semi-coherent mud with minor subangular quartz fragments up to 2 cm, and 10 to 15% subrounded lithics (probably foreign). Mud contains 3% fine grained euhedral pyrite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |             |           |               |          |           |           |         |             |              |
|             | 11.30     | 14.36 Section of strongly fractured light brown to tan coloured, silicified basalt with blue grey quartz fracturing with 7 to 10% very fine grained disseminated pyrite, and 1 to 2% coarse grained euhedral pyrite, intercalated with strongly fractured white quartz veins with                                                                                                                                                                                                                                                                                                                                                                                                                          | 42487  | 12.20       | 13.60     | 1.40          | 90.0     | 10.000    | 5.000     | 15.000  | .270        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 42488  | 13.60       | 14.36     | .76           | 73.0     | 2.000     | .000      | .000    | .040        |              |

| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
|             |           | angular inclusions or horses of<br>pyritic volcanic up to 50 cms wide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |             |           |               |          |           |           |         |             |              |
| 14.36       | 15.50     | FAULT ZONE<br>Dark to medium grey intensely shard to<br>mylonitic, chloritic fault zone grading to mud<br>faults or breaks which contains 3% angular<br>quartz fragments and 2 to 3% very fine grained<br>disseminated pyrite.<br>Magnetic Susceptibility .02 rqd 10%.<br>Lower contact very sharp at 55 degrees to the<br>core axis.                                                                                                                                                                                                                                                                                                                                                                   | 42489  | 14.36       | 15.50     | 1.14          | 81.0     | 3.000     | .000      | .000    | .020        |              |
| 15.50       | 19.30     | MAFIC FLOW<br>Light green brown, massive, weakly bleached<br>mafic volcanic, relatively soft and chloritic,<br>moderately ankeritic, locally contains minor<br>very fine grained, disseminated pyrite.<br>Unit is locally strongly fractured with<br>abundant, irregular chlorite fracture filling<br>adjacent to strong chloritic mud faults.                                                                                                                                                                                                                                                                                                                                                          | 42490  | 15.50       | 17.00     | 1.50          | 100.0    | .500      | .000      | .000    | .003        |              |
|             |           | 16.10 Mud fault at 80 degrees to the core<br>axis, 2 cm wide strong mud fault<br>with quartz and lithic fragments and<br>trace pyrite, possible sand seam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |             |           |               |          |           |           |         |             |              |
|             |           | 16.50 Chloritic mud fault at 60 degrees to<br>the core axis, 1.5 cm wide strong<br>chloritic fault seam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42491  | 17.00       | 17.70     | .70           | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           | 17.18 Fault at 60 degrees to the core<br>axis, strong 1 cm chloritic fault<br>gouge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 42492  | 17.70       | 19.30     | 1.60          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           | 18.60 Mud fault at 60 degrees to the core<br>axis, 2 to 3 cm wide strong<br>chloritic mud fault.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |             |           |               |          |           |           |         |             |              |
| 19.30       | 20.85     | ALTERED MAFIC FLOW<br>Grey white to light grey altered basalt locally<br>grades to weakly alteration grey green volcanic.<br>Grey white bleached alteration seems to be<br>associated with sharp, TIGHT mud slips at 15 to<br>20 degrees to the core axis, commonly adjacent<br>to 5 mm to 1 cm wide, grey white quartz ribboned<br>quartz vein at 19.4 metres. Altered basalt<br>contains up to 1% very fine grained disseminated<br>pyrite, weakly alteration to UNALTERED basalt<br>generally unmineralized.<br>Lower contact marked by blocky section.<br>Magnetic Susceptibility .02 rqd 10%.<br>19.30 Very rubbly section MARKS lower<br>contact of unit.<br>Magnetic Susceptibility .03 rqd 60%. | 42493  | 19.30       | 20.85     | 1.55          | 100.0    | .500      | .000      | 1.000   | .035        |              |



| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
|             |           | Light grey to grey white, bleached, silicified basalt with 5% very fine grained disseminated pyrite and 1 to 2% coarse grained, euhedral pyrite.<br>Section is moderately to strongly silicified, moderately to strongly ankeritic and alteration appears to intensify towards quartz veins. Contains an irregular set of dark grey to blue, hairline fractures of quartz chlorite throughout section.<br>32.90 Fault seam at 45 degrees to the core axis, 3 to 5 mm wide, moderately strong mud gouge seam with 10% pyrite, adjacent to a 3 cm wide, fractured, grey white quartz vein with 5 to 7% disseminated pyrite.                                                                                                                                                                                                                                                      | 42503  | 32.70       | 33.70     | 1.00          | 100.0    | 10.000    | 3.000     | 3.000   | .145        |              |
| 33.60       | 45.20     | MAFIC FLOW<br>Massive dark to medium green fine grained to locally mottled texture basalt. Unit is typically chlorite calcite altered, to locally weakly ankeritic.<br>From 33.6 to 35.0 unit is a medium grey brown colour, weakly altered adjacent to zone above and contains minor patchy pyrite.<br>Magnetic Susceptibility .06 rqd 90%.<br>33.60 Fault seam at 50 degrees to the core axis, strong, dark grey chloritic mud fault with 20% very fine grained pyrite adjacent to a 1 cm wide quartz carbonate vein.<br>Magnetic Susceptibility .01 rqd 65%.<br>40.00 Fault at 50 degrees to the core axis, 5 cm wide, moderately strong chloritic fault with strong fault gouge developed, unmineralized.<br>44.50 45.20 Quartz calcite vein at 0 to 5 degrees to the core axis adjacent to sharp chloritic slip.<br>Lower contact gradational to strongly altered basalt. |        |             |           |               |          |           |           |         |             |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42504  | 33.70       | 35.00     | 1.30          | 100.0    | .500      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42505  | 35.00       | 36.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42506  | 36.00       | 37.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42507  | 43.00       | 44.00     | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42508  | 44.00       | 45.20     | 1.20          | 100.0    | .500      | .000      | .500    | .003        |              |
| 45.20       | 47.30     | ALTERED MAFIC FLOW<br>Medium grey to grey brown massive fine grained, locally mottled, moderately altered, ankeritic basalt with abundant, irregular hairline dark grey anastomosing quartz chlorite fracturing throughout unit. Typically contains minor fine grained disseminated pyrite.<br>Magnetic Susceptibility .04 rqd 100%.<br>Lower contact gradational over 20 cms grading to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 42509  | 45.20       | 46.20     | 1.00          | 100.0    | .500      | .000      | .000    | .005        |              |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42510  | 46.20       | 47.30     | 1.10          | 100.0    | .500      | .000      | .000    | .003        |              |



| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                             | Sample | From<br>(m) | To<br>(m) | Lngh<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|-------------|----------|-----------|-----------|---------|-------------|--------------|
|             |           | green chloritic selvages up to 2 cm wide.<br>Pillows average from 5 to 25 cm long.                                                                                                                                                  |        |             |           |             |          |           |           |         |             |              |
|             |           | 58.60 59.30 Cherty interflow sed.                                                                                                                                                                                                   | 42524  | 58.60       | 59.30     | .70         | 100.0    | .500      | .000      | .000    | .003        |              |
|             |           | 58.80 59.20 Blue grey chert or cherty interflow<br>sediment, appears to be interstitial<br>to pillow selvages. Generally<br>unmineralized, locally with minor<br>smearred pyrite on hairline fractures.                             | 42525  | 59.30       | 60.00     | .70         | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           | Magnetic Susceptibility .15 rqd 80%.                                                                                                                                                                                                |        |             |           |             |          |           |           |         |             |              |
|             |           | 61.40 Fault at 65 degrees to the core<br>axis, 3 cm wide strong chloritic<br>fault with moderate fault gouge<br>developed, bounded by 2 to 3 cm<br>wide, barren quartz calcite veins.                                               |        |             |           |             |          |           |           |         |             |              |
|             |           | 62.00 62.90 Fault slip at 10 degrees to the core<br>axis, sharp, tight black chloritic<br>slip, weak fault gouge developed.                                                                                                         |        |             |           |             |          |           |           |         |             |              |
|             |           | Lower contact somewhat arbitrary and gradational.                                                                                                                                                                                   |        |             |           |             |          |           |           |         |             |              |
| 66.50       | 121.00    | MAFIC FLOW                                                                                                                                                                                                                          |        |             |           |             |          |           |           |         |             |              |
|             |           | Light to medium green, massive fine grained<br>basalt, locally mottled texture. Unit is<br>typically calcitic, relatively hard,<br>non-magnetic and generally contains abundant,<br>hairline quartz chlorite fracturing throughout. | 42526  | 69.00       | 70.00     | 1.00        | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           | Magnetic Susceptibility .05 rqd 85%.                                                                                                                                                                                                | 42527  | 70.00       | 71.00     | 1.00        | 100.0    | .500      | .000      | .000    | .003        |              |
|             |           | 70.05 70.30 Dark blue grey chert horizon with<br>sharp contacts at 65 degrees to the<br>core axis. Locally contains 1%<br>patchy disseminated pyrite and minor<br>pyrite on fractures.                                              | 42528  | 71.00       | 72.00     | 1.00        | 100.0    | .000      | .000      | .000    | .003        |              |
|             |           | 81.90 Fault at 50 degrees to the core<br>axis, 1 cm wide, moderately strong<br>chloritic fault with weak fault<br>gouge developed, wallrock adjacent<br>to fault is moderately fractured,<br>soft and chloritic.                    |        |             |           |             |          |           |           |         |             |              |
|             |           | 88.30 88.80 Fault at 10 degrees to the core<br>axis, sharp, tight chloritic fault<br>slip with moderate fault gouge<br>developed, 1 to 2 cm wide,<br>discontinuous calcite vein<br>associated with slip.                            |        |             |           |             |          |           |           |         |             |              |
|             |           | 98.10 Fault slip at 25 degrees to the core<br>axis, sharp chloritic slip with 5 to<br>7 cm wide, barren white calcite vein<br>brecciating basalt adjacent to slip.                                                                  |        |             |           |             |          |           |           |         |             |              |
|             |           | Lower contact sharp at 45 degrees to the core<br>axis.                                                                                                                                                                              |        |             |           |             |          |           |           |         |             |              |
|             |           | 119.00 120.00 Very weakly bleached, chlorite<br>spotted basalt.                                                                                                                                                                     | 42529  | 119.00      | 120.00    | 1.00        | 100.0    | .500      | .000      | .000    | .003        |              |

| From<br>(m) | To<br>(m)     | Geology                                                                                                                                                                                                                                                                                                                                                                                                                         | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
|             |               | 120.00 121.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                               | 42530  | 120.00      | 121.00    | 1.00          | 100.0    | .500      | .000      | .000    | .003        |              |
| 121.00      | 121.60        | PYRITIC QUARTZ VEIN MINERALIZED ZONE STRONGLY ALTERED<br>Dark blue grey siliceous section, possible vein or cherty bed with 3 to 5% fine grained disseminated pyrite.<br>Wallrock adjacent to vein is chlorite spotted and strongly ankeritic with 1% very fine grained disseminated pyrite up to 15 cms from vein.                                                                                                             | 42531  | 121.00      | 122.00    | 1.00          | 100.0    | 3.000     | .000      | 90.000  | .082        |              |
| 121.60      | 155.30        | MAFIC FLOW<br>Light to medium green, massive very fine grained to aphanitic mafic volcanic, commonly with pervasive irregular, hairline chloritic fracture filling throughout unit. Relatively hard, very weakly ankeritic to calcitic, non-magnetic and unmineralized.<br>Magnetic Susceptibility .05 rqd 90%.                                                                                                                 |        |             |           |               |          |           |           |         |             |              |
|             | 121.60        | Fault slip at 45 degrees to the core axis, sharp, tight hard chloritic slip adjacent to vein.<br>Magnetic Susceptibility .02 rqd 90%.                                                                                                                                                                                                                                                                                           | 42532  | 122.00      | 123.00    | 1.00          | 100.0    | .500      | .000      | .000    | .003        |              |
|             | 122.50        | Fault slip at 45 degrees to the core axis, 2 cm wide barren quartz calcite vein bounded by sharp, black chloritic fault slips.                                                                                                                                                                                                                                                                                                  | 42533  | 123.00      | 124.00    | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             | 131.20 131.35 | Barren grey white quartz calcite vein with weak light brown altered basalt adjacent to vein, unmineralized.                                                                                                                                                                                                                                                                                                                     |        |             |           |               |          |           |           |         |             |              |
|             | 137.00 137.30 | Barren white quartz calcite breccia vein with minor included wallrock fragments, unmineralized.                                                                                                                                                                                                                                                                                                                                 |        |             |           |               |          |           |           |         |             |              |
|             | 142.10        | Fault at 30 degrees to the core axis, 3 cm wide, shard quartz calcite vein bounded by sharp, black chloritic slips.<br>Lower contact marked by a strong tight fault slip at 80 degrees to the core axis.                                                                                                                                                                                                                        | 42534  | 153.00      | 154.00    | 1.00          | 100.0    | .000      | .000      | .000    | .003        |              |
|             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42535  | 154.00      | 155.30    | 1.30          | 100.0    | .000      | .000      | .000    | .003        |              |
| 155.30      | 156.15        | PYRITIC QUARTZ VEIN MINERALIZED ZONE STRONGLY ALTERED<br>Light buff brown, strongly altered, silicified, ankeritic basalt centered on a 10 cm wide blue grey, fractured quartz vein. Basalt contains 1 to 2% very fine grained disseminated pyrite, vein contains 2% disseminated pyrite.<br>Alteration contacts marked by sharp, strong tight fault slips at 70 degrees to the core axis. Upper contact of vein is a 3 to 4 mm | 42536  | 155.30      | 156.15    | .85           | 100.0    | 2.000     | .000      | 5.000   | .140        |              |















| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                     | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
|             |           | 47.5 50.6 RCV 100%, RQD 100%.                                                                                                                                                                                               |        |             |           |               |          |           |           |         |             |              |
|             |           | 50.6 53.8 RCV 100%, RQD 90%, quartz knots<br>(relict jasper?) at 51.05 and 51.7.                                                                                                                                            |        |             |           |               |          |           |           |         |             |              |
| 53.80       | 54.70     | ALTERED MAFIC FLOW MODERATELY ALTERED                                                                                                                                                                                       |        |             |           |               |          |           |           |         |             |              |
|             |           | 53.80 54.70 Pale grey-purple altered basalt with<br>trace cgr pyrite, 20% dist'd calcite.                                                                                                                                   | 43014  | 53.80       | 54.70     | .90           | 100.0    | .000      | .100      | tr      | .035        |              |
| 54.70       | 56.50     | PYRITIC QUARTZ VEIN MINERALIZED ZONE STRONGLY<br>ALTERED                                                                                                                                                                    |        |             |           |               |          |           |           |         |             |              |
|             |           | 54.70 56.50 Pyritic pale purple-grey carbonate<br>altered basalt with a graphite VEIN<br>STOCKWORK, 4 CM THICK MILKY QTZ-CB<br>VEIN AT 54.95 45CA; QUARTZ VEIN AT<br>56.27 at 35CA; 45CA shears displace<br>mineralization. |        |             |           |               |          |           |           |         |             |              |
|             |           | 54.70 55.60 Rqd 100.                                                                                                                                                                                                        | 43015  | 54.70       | 55.60     | .90           | 100.0    | 5.000     | 2.000     | 5.000   | .845        |              |
|             |           | 55.60 56.50 Rqd 100.                                                                                                                                                                                                        | 43016  | 55.60       | 56.50     | .90           | 100.0    | 5.000     | 2.000     | 1.000   | .270        |              |
| 56.50       | 58.20     | ALTERED MAFIC FLOW MODERATELY ALTERED                                                                                                                                                                                       |        |             |           |               |          |           |           |         |             |              |
|             |           | 56.50 58.20 Pale grey-purple calcite altered<br>basalt with trace pyrite, sheared at<br>the top of the interval, foliation<br>30CA. Shear at bottom at 20CA.                                                                |        |             |           |               |          |           |           |         |             |              |
|             |           | 56.50 57.50 Rqd 90.                                                                                                                                                                                                         | 43017  | 56.50       | 57.50     | 1.00          | 100.0    | tr        | .100      | .000    | .003        |              |
| 58.20       | 72.40     | MAFIC FLOW                                                                                                                                                                                                                  |        |             |           |               |          |           |           |         |             |              |
|             |           | 58.20 72.40 Fine grained basalt with rare<br>calcite-chlorite and epidote veins.                                                                                                                                            |        |             |           |               |          |           |           |         |             |              |
|             |           | 58.2 62.3 RCV 100%, RQD 85%, trace cgr pyrite.                                                                                                                                                                              |        |             |           |               |          |           |           |         |             |              |
|             |           | 62.3 62.7 Region of 0.5 cm thick<br>epidote-chlorite-calcite shears and veins at<br>20-50CA, fibres down dip on shear plane. RQD 70%.                                                                                       |        |             |           |               |          |           |           |         |             |              |
|             |           | Major shear at 64.8, shear fabric 40CA, trace<br>py, ca extension veins 50CA 62.8 65.8 RCV 100%,<br>RQD 90%.                                                                                                                |        |             |           |               |          |           |           |         |             |              |
|             |           | 65.8 68.9 RCV 100%, RQD 90%; hard, weakly<br>altered basalt with rare calcite- chlorite<br>shears with fibres 30-40 degrees from vertical.                                                                                  |        |             |           |               |          |           |           |         |             |              |
|             |           | 68.92 Brown-red garnet with epidote in a vein.                                                                                                                                                                              |        |             |           |               |          |           |           |         |             |              |
|             |           | 68.9 70.7 RCV 100%, RQD 80%; chlorite shears<br>0-20CA and 25CA with epidote veins normal to the<br>shear planes.                                                                                                           |        |             |           |               |          |           |           |         |             |              |
|             |           | 70.7 71.9 RCV 100%, RQD 90%.                                                                                                                                                                                                |        |             |           |               |          |           |           |         |             |              |
|             |           | 71.9 72.4 RCV 100%.                                                                                                                                                                                                         |        |             |           |               |          |           |           |         |             |              |
| 72.40       | 75.70     | ALTERED MAFIC FLOW MODERATELY ALTERED                                                                                                                                                                                       |        |             |           |               |          |           |           |         |             |              |
|             |           | 72.40 75.70 Pale grey-purple carbonate altered<br>basalt, 20% dist'd calcite                                                                                                                                                | 43018  | 73.00       | 74.00     | 1.00          | 100.0    | .000      | .100      | .100    | .003        |              |
|             |           | decreasing with depth - replaced by<br>ankerite?.                                                                                                                                                                           | 43019  | 74.00       | 75.00     | 1.00          | 100.0    | .000      | .100      | .100    | .003        |              |
|             |           |                                                                                                                                                                                                                             | 43020  | 75.00       | 75.70     | .70           | 100.0    | .000      | 5.000     | 5.000   | .030        |              |



| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                       | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
|             |           | veinlets trace cgr pyrite. Rare shear veins at 30-40CA.                                                                                                                                                                                                                                       |        |             |           |               |          |           |           |         |             |              |
|             |           | 107.3 Sericitic shear zone 70CA.                                                                                                                                                                                                                                                              |        |             |           |               |          |           |           |         |             |              |
|             |           | 112 113 Abundent shear/extension qz-cb veins with dist'd pyrite envelopes The veins are 45CA.                                                                                                                                                                                                 |        |             |           |               |          |           |           |         |             |              |
|             |           | 95.50 96.00 Rqd 50%.                                                                                                                                                                                                                                                                          | 43025  | 95.50       | 96.00     | .50           | 100.0    | .000      | .000      | 5.000   | .003        |              |
|             |           | 96.00 97.00 Rqd 100%.                                                                                                                                                                                                                                                                         | 43026  | 96.00       | 97.00     | 1.00          | 100.0    | .000      | tr        | 5.000   | .003        |              |
|             |           | 97.00 98.00 Rqd 80%.                                                                                                                                                                                                                                                                          | 43027  | 97.00       | 98.00     | 1.00          | 100.0    | .000      | .000      | 5.000   | .003        |              |
|             |           | 98.00 99.00 Rqd 80%.                                                                                                                                                                                                                                                                          | 43028  | 98.00       | 99.00     | 1.00          | 100.0    | .000      | tr        | 5.000   | .003        |              |
|             |           | 99.00 100.00 Rqd 70%.                                                                                                                                                                                                                                                                         | 43029  | 99.00       | 100.00    | 1.00          | 100.0    | tr        | tr        | 5.000   | .003        |              |
|             |           | 100.00 101.00 Rqd 90%, QZ SHEAR VEIN 30CA 1.5 CM THICK.                                                                                                                                                                                                                                       | 43030  | 100.00      | 101.00    | 1.00          | 100.0    | .100      | .100      | 5.000   | .010        |              |
|             |           | 101.00 102.00 Rqd 90%.                                                                                                                                                                                                                                                                        | 43031  | 101.00      | 102.00    | 1.00          | 100.0    | .000      | .100      | 2.000   | .003        |              |
|             |           | 102.00 103.00 Rqd 85%.                                                                                                                                                                                                                                                                        | 43032  | 102.00      | 103.00    | 1.00          | 100.0    | .000      | .000      | .100    | .003        |              |
|             |           | 103.00 104.00 Rqd 40%.                                                                                                                                                                                                                                                                        | 43033  | 103.00      | 104.00    | 1.00          | 100.0    | .000      | .000      | 1.000   | .003        |              |
|             |           | 104.00 105.00 Rqd 85%.                                                                                                                                                                                                                                                                        | 43034  | 104.00      | 105.00    | 1.00          | 100.0    | .000      | .100      | 2.000   | .003        |              |
|             |           | 105.00 106.00 Rqd 90%.                                                                                                                                                                                                                                                                        | 43035  | 105.00      | 106.00    | 1.00          | 99.0     | .000      | .100      | .100    | .003        |              |
|             |           | 106.00 107.00 Rqd 90%, WEAK FABRIC PARALLEL TO VEINS AT 20CA.                                                                                                                                                                                                                                 | 43036  | 106.00      | 107.00    | 1.00          | 100.0    | .100      | .100      | 2.000   | .003        |              |
|             |           | 107.00 108.00 Rqd 80%.                                                                                                                                                                                                                                                                        | 43037  | 107.00      | 108.00    | 1.00          | 100.0    | .000      | .100      | 2.000   | .003        |              |
|             |           | 108.00 109.00 Rqd 100%, QZ VEINS 0-5CA DOWN HOLE.                                                                                                                                                                                                                                             | 43038  | 108.00      | 109.00    | 1.00          | 100.0    | .000      | .100      | 5.000   | .003        |              |
|             |           | 109.00 110.00 Rqd 80%.                                                                                                                                                                                                                                                                        | 43039  | 109.00      | 110.00    | 1.00          | 100.0    | .000      | .100      | 10.000  | .003        |              |
|             |           | 110.00 111.00 Rqd 80%.                                                                                                                                                                                                                                                                        | 43040  | 110.00      | 111.00    | 1.00          | 100.0    | .000      | .100      | 2.000   | .003        |              |
|             |           | 111.00 112.00 Rqd 80%.                                                                                                                                                                                                                                                                        | 43041  | 111.00      | 112.00    | 1.00          | 100.0    | .000      | .100      | 1.000   | .015        |              |
|             |           | 112.00 113.00 Rqd 50%.                                                                                                                                                                                                                                                                        | 43042  | 112.00      | 113.00    | 1.00          | 100.0    | 1.000     | 1.000     | 5.000   | .075        |              |
|             |           | 113.00 114.00 Rqd 70%.                                                                                                                                                                                                                                                                        | 43043  | 113.00      | 114.00    | 1.00          | 85.0     | .100      | .100      | 2.000   | .010        |              |
|             |           | 114.00 114.50 Rqd 70%.                                                                                                                                                                                                                                                                        | 43044  | 114.00      | 114.50    | .50           | 100.0    | .100      | 1.000     | 1.000   | .025        |              |
| 114.50      | 116.00    | ALTERED MAFIC FLOW MODERATELY ALTERED                                                                                                                                                                                                                                                         |        |             |           |               |          |           |           |         |             |              |
|             |           | 114.50 116.00 Pale grey-purple carbonate altered basalt with pyritic 10% haloes to two milky white quartz veins at 114.6 and 114.9. Veins are 4.5cm and 9cm thick and trend 60CA and 30CA. Top contact of interval is intensely sheared at 60CA. Fibres on shear trend down dip, shears 35CA. |        |             |           |               |          |           |           |         |             |              |
|             |           | 114.50 115.00 Rqd 100%.                                                                                                                                                                                                                                                                       | 43045  | 114.50      | 115.00    | .50           | 100.0    | 5.000     | 5.000     | 25.000  | .285        |              |
|             |           | 115.00 116.00 Rqd 90%.                                                                                                                                                                                                                                                                        | 43046  | 115.00      | 116.00    | 1.00          | 100.0    | .100      | 1.000     | 2.000   | .010        |              |
| 116.00      | 119.30    | MAFIC FLOW WEAKLY ALTERED                                                                                                                                                                                                                                                                     |        |             |           |               |          |           |           |         |             |              |
|             |           | 116.00 119.30 Alternating dull grey and dull pink carbonate altered basalt. Blocky core cut by qz - cb veins with alteration envelopes. Fractures 30- 50CA, Fibres down dip.                                                                                                                  |        |             |           |               |          |           |           |         |             |              |
|             |           | 116.00 117.00 Rqd 10%.                                                                                                                                                                                                                                                                        | 43047  | 116.00      | 117.00    | 1.00          | 100.0    | .000      | .000      | 1.000   | .003        |              |
|             |           | 117.00 118.00 Rqd 10%.                                                                                                                                                                                                                                                                        | 43048  | 117.00      | 118.00    | 1.00          | 100.0    | 2.000     | .000      | 2.000   | .025        |              |
|             |           | 118.00 119.30 Rqd 20%.                                                                                                                                                                                                                                                                        | 43049  | 118.00      | 119.30    | 1.30          | 100.0    | 1.000     | 1.000     | 2.000   | .010        |              |









| From<br>(m) | To<br>(m)     | Geology | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | PYFG<br>% | PYCG<br>% | QV<br>% | AU<br>G/TNN | APLV<br>G/TN |
|-------------|---------------|---------|--------|-------------|-----------|---------------|----------|-----------|-----------|---------|-------------|--------------|
|             |               | basalt. |        |             |           |               |          |           |           |         |             |              |
|             | 159.55 161.00 | Rqd 80% | 43093  | 159.55      | 161.00    | 1.45          | 100.0    | .000      | .100      | .000    | .003        |              |
|             | 161.00 163.00 | Rqd 80% | 43094  | 161.00      | 163.00    | 2.00          | 100.0    | .000      | .100      | 1.000   | .005        | .005         |
|             | 163.00 165.00 | Rqd 80% | 43095  | 163.00      | 165.00    | 2.00          | 102.0    | .000      | .100      | 1.000   | .010        |              |
|             | 165.00 167.00 | Rqd 80% | 43096  | 165.00      | 167.00    | 2.00          | 100.0    | .000      | .100      | 1.000   | .015        |              |
|             | 167.00 169.00 | Rqd 80% | 43097  | 167.00      | 169.00    | 2.00          | 94.0     | .000      | .100      | .500    | .020        |              |
|             | 169.00 171.00 | Rqd 80% | 43098  | 169.00      | 171.00    | 2.00          | 100.0    | .000      | .100      | 1.000   | .005        |              |
|             | 171.00 173.00 | Rqd 80% | 43099  | 171.00      | 173.00    | 2.00          | 100.0    | .000      | .100      | .000    | .003        |              |
|             | 173.00 174.00 | Rqd 80% | 43100  | 173.00      | 174.00    | 1.00          | 100.0    | .000      | .100      | .000    | .003        |              |





| From<br>(m) | To<br>(m)   | Geology                                                                                                                                                                                                                                                                                                                                                   | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | RQD<br>% | FGPY<br>% | CGPY<br>% | QV<br>% | SG<br>g/cc | AU<br>g/t |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|----------|-----------|-----------|---------|------------|-----------|
| .00         | 12.20       | CASING IN OVERBURDEN                                                                                                                                                                                                                                                                                                                                      |        |             |           |               |          |          |           |           |         |            |           |
| 12.20       | 13.40       | OVERBURDEN                                                                                                                                                                                                                                                                                                                                                |        |             |           |               |          |          |           |           |         |            |           |
| 13.40       | 16.70       | ALTERED MAFIC FLOW MODERATELY ALTERED SILICEOUS                                                                                                                                                                                                                                                                                                           |        |             |           |               |          |          |           |           |         |            |           |
|             | 13.40 16.70 | Pale purple-grey, H4, mottled moderately altered basalt. Fractured core with oxidized shear fractures, trace fine grained pyrite. 1% of black veinlets with carbonate. One shear carbonate vein at 14.0 12CA 7mm thick.                                                                                                                                   | 101251 | 13.40       | 15.00     | 1.60          | 94       | 0        | tr        | .0        | .0      |            | .003      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101252 | 15.00       | 16.70     | 1.70          | 65       | 7        | .0        | .0        | .0      |            | .003      |
| 16.70       | 17.00       | ARGILLACEOUS CHERT SHEARED                                                                                                                                                                                                                                                                                                                                |        |             |           |               |          |          |           |           |         |            |           |
|             | 16.70 17.00 | Sheared argillaceous chert with calcite extension and shear veins 80 and 20CA, chert beds are isoclinally folded with the fold axis 50CA. Foliation planes are 25CA. Bottom contact is a shear at 50CA with graphite.                                                                                                                                     | 101253 | 16.70       | 18.55     | 1.85          | 93       | 70       | tr        | .0        | .0      |            | .003      |
| 17.00       | 18.55       | ALTERED MAFIC FLOW MODERATELY ALTERED                                                                                                                                                                                                                                                                                                                     |        |             |           |               |          |          |           |           |         |            |           |
|             | 17.00 18.55 | Pale grey green, H3, fine grained carbonate altered basalt with 0.5% black graphite veinlets with minor calcite. Calcite-quartz shear veins at 70CA. Bottom contact is a polished graphite shear at 20CA.                                                                                                                                                 |        |             |           |               |          |          |           |           |         |            |           |
| 18.55       | 40.30       | ARGILLACEOUS CHERT SILICEOUS PYRITE                                                                                                                                                                                                                                                                                                                       |        |             |           |               |          |          |           |           |         |            |           |
|             | 18.55 40.30 | Dark black, foliated graphitic chert with fine grained silicified sections and sections of milky white quartz veins. Abundant zones of shears /faults in the section from 18.55 to 27.0. Bleached altered volcanic from 20.25 to 20.7 and 21.85 to 22.5. Hardness of unit from 7 to 1. Blue clay on fracture surfaces. Bottom contact is a shear at 50CA. | 101254 | 18.55       | 20.00     | 1.45          | 93       | 10       | tr        | tr        | 1.0     |            | .095      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101255 | 20.00       | 22.00     | 2.00          | 86       | 25       | 5.0       | 20.0      | 5.0     |            | .255      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101256 | 22.00       | 24.00     | 2.00          | 95       | 55       | tr        | tr        | 2.0     |            | .007      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101257 | 24.00       | 26.00     | 2.00          | 100      | 43       | tr        | tr        | 8.0     |            | .108      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101258 | 26.00       | 28.00     | 2.00          | 100      | 50       | tr        | .5        | 15.0    |            | .085      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101259 | 28.00       | 30.00     | 2.00          | 100      | 80       | tr        | 2.0       | .0      |            | .015      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101260 | 30.00       | 32.00     | 2.00          | 100      | 70       | .0        | 1.0       | 2.0     |            | .055      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101261 | 32.00       | 34.00     | 2.00          | 100      | 78       | .0        | .5        | .0      |            | .015      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101262 | 34.00       | 36.00     | 2.00          | 100      | 65       | .0        | .5        | .0      |            | .170      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101263 | 36.00       | 38.00     | 2.00          | 100      | 20       | .0        | 5.0       | .0      |            | .155      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101264 | 38.00       | 40.30     | 2.30          | 100      | 96       | 5.0       | 20.0      | 2.0     |            | .405      |
| 40.30       | 42.10       | ALTERED MAFIC FLOW MODERATELY ALTERED                                                                                                                                                                                                                                                                                                                     |        |             |           |               |          |          |           |           |         |            |           |
|             | 40.30 42.10 | Pale purple carbonate altered basalt 40.3 to 41.5 and dark green mottled basalt with 5% leucoxene, highly fractured rock. H4, grey clay coats shears in the top of the section.                                                                                                                                                                           | 101265 | 40.30       | 42.10     | 1.80          | 100      | 32       | 1.0       | 5.0       | 1.0     |            | .205      |
| 42.10       | 44.50       | PYRITIC QUARTZ VEIN MINERALIZED ZONE STRONGLY ALTERED QUARTZ VEIN PYRITE                                                                                                                                                                                                                                                                                  |        |             |           |               |          |          |           |           |         |            |           |
|             | 42.10 44.50 | Pale grey purple pyritic altered basalt with pyritic milky white quartz veins, zones of upto 80% fgr pyrite 2cm long. Milky white quartz veins at 60CA.                                                                                                                                                                                                   | 101266 | 42.10       | 44.50     | 2.40          | 87       | 27       | 10.0      | 10.0      | 13.0    |            | .510      |
| 44.50       | 53.60       | PYRITIC QUARTZ VEIN MINERALIZED ZONE STRONGLY ALTERED QUARTZ VEIN                                                                                                                                                                                                                                                                                         |        |             |           |               |          |          |           |           |         |            |           |
|             | 44.50 53.60 | Pale grey-green and tan mottled carbonate altered basalt, H4, Variable amounts of crackle graphite veins 45.2 to 45.5 and 48.7 to 49.4. Pyritic graphite shear zone with deformed quartz veins 47.2 to 47.4, 80CA.                                                                                                                                        | 101267 | 44.50       | 46.00     | 1.50          | 100      | 93       | 2.0       | .0        | 1.0     |            | .205      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101268 | 46.00       | 48.00     | 2.00          | 95       | 75       | 5.0       | .0        | 4.0     |            | .470      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101269 | 48.00       | 50.00     | 2.00          | 100      | 37       | 5.0       | .0        | 1.0     |            | .280      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101270 | 50.00       | 52.00     | 2.00          | 100      | 72       | 10.0      | .0        | 2.0     |            | .420      |
|             |             |                                                                                                                                                                                                                                                                                                                                                           | 101271 | 52.00       | 53.60     | 1.60          | 100      | 79       | 1.0       | .0        | 13.0    |            | .045      |

| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                   | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | RQD<br>% | FGPY<br>% | CGPY<br>% | QV<br>% | SG<br>g/cc | AU<br>g/t |
|-------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|----------|-----------|-----------|---------|------------|-----------|
|             |           | 52.4 to 53.0 detrital pebble breccia? in a graphitic matrix, breccia has clasts of quartz-carbonate veins 5mm.                                                                                                                                                                                                            |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 53.0 to 53.3 ductile shear zones 50CA.                                                                                                                                                                                                                                                                                    |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 53.3 to 53.6 dark green carbonate altered basalt.                                                                                                                                                                                                                                                                         |        |             |           |               |          |          |           |           |         |            |           |
| 53.60       | 89.00     | GRAPHITIC ARGILLITE                                                                                                                                                                                                                                                                                                       |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 53.60 89.00 Variable graphitic sedimentary unit composed of very fine grained black or dull grey-green beds, coarser intervals of sandstone? and homogeneous deformed breccias. The unit has white clay on weathered fractures and vugs where calcite has dissolved? Rare calcite veins perp. To foliation. Hardness 2-5. |        | 53.60       | 56.70     | 3.10          | 100      | 66       |           |           |         |            |           |
|             |           | 53.60 56.70 Ductile shear zone 54.4 30CA, foliation 45CA.                                                                                                                                                                                                                                                                 |        | 56.70       | 59.50     | 2.80          | 95       | 65       |           |           |         |            |           |
|             |           | 59.50 61.70 Fractured sheared core 61.3 to 61.7, calcite shear veins 60CA.                                                                                                                                                                                                                                                |        | 59.50       | 61.70     | 2.20          | 100      | 22       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 61.70       | 62.80     | 1.10          | 100      | 40       |           |           |         |            |           |
|             |           | 62.80 65.80 Foliation 40CA, shear zone 20CA 65.05.                                                                                                                                                                                                                                                                        |        | 62.80       | 65.80     | 3.00          | 100      | 72       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 65.80       | 68.90     | 3.10          | 91       | 74       |           |           |         |            |           |
|             |           | 68.90 71.30 Minor shears 60CA, foliation 60CA, trace pyrite.                                                                                                                                                                                                                                                              |        | 68.90       | 71.30     | 2.40          | 98       | 67       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 71.30       | 73.00     | 1.70          | 98       | 59       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 73.00       | 75.00     | 2.00          | 95       | 65       |           |           |         |            |           |
|             |           | 75.00 78.00 Siliceous, trace pyrite.                                                                                                                                                                                                                                                                                      |        | 75.00       | 78.00     | 3.00          | 100      | 83       |           |           |         |            |           |
|             |           | 78.00 81.10 Minor chert 78.1 to 78.9 Foliation 60CA, Ext calcite veins 30CA.                                                                                                                                                                                                                                              |        | 78.00       | 81.10     | 3.10          | 100      | 90       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 81.10       | 84.10     | 3.00          | 100      | 97       |           |           |         |            |           |
|             |           | 84.10 87.20 Foliation 50CA.                                                                                                                                                                                                                                                                                               |        | 84.10       | 87.20     | 3.10          | 98       | 73       |           |           |         |            |           |
|             |           | 87.20 89.00 Clay fault 87.9 50-40CA, shear quartz veins 60CA.                                                                                                                                                                                                                                                             |        | 87.20       | 89.00     | 1.80          | 100      | 83       |           |           |         |            |           |
| 89.00       | 94.30     | ARGILLACEOUS CHERT WEAKLY ALTERED SILICEOUS                                                                                                                                                                                                                                                                               |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 89.00 94.30 Cherty argillite, 90% silica, with black graphite crackle veins and cemented breccia. Trace pyrite on fractures, dark grey chert, H7, rare calcite filled fractures.                                                                                                                                          |        | 89.00       | 90.20     | 1.20          | 100      | 79       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 90.20       | 93.30     | 3.10          | 97       | 94       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 93.30       | 94.30     | 1.00          | 100      | 100      |           |           |         |            |           |
| 94.30       | 95.70     | ALTERED MAFIC FLOW WEAKLY ALTERED FUCHSITE                                                                                                                                                                                                                                                                                |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 94.30 95.70 Pale green calcite altered basalt with 1% calcite - graphite veins. Contacts top 30CA and bottom 50CA, 20% leucoxene, trace pyrite and pyrrhotite, fuschite around quartz veins.                                                                                                                              | 101272 | 94.30       | 95.70     | 1.40          | 100      | 100      | tr        | .0        | 1.0     |            | .003      |
| 95.70       | 102.70    | ARGILLACEOUS CHERT SILICEOUS                                                                                                                                                                                                                                                                                              |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 95.70 102.70 Dark grey to grey-green chert with shear bands and minor bedded interval with bedding 60CA. Trace pyrite and minor 1% graphite veinlets. Shear bands 50CA.                                                                                                                                                   |        | 95.70       | 99.40     | 3.70          | 100      | 78       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 99.40       | 101.00    | 1.60          | 100      | 81       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                           |        | 101.00      | 102.70    | 1.70          | 100      | 93       |           |           |         |            |           |
| 102.70      | 106.10    | ALTERED MAFIC FLOW WEAKLY ALTERED                                                                                                                                                                                                                                                                                         |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 102.70 106.10 Pale green, fine grained basalt with chlorite extension veins and clear quartz - calcite veins 30CA with trace chlorite. Top contact 40CA. Trace pyrrhotite and pyrite.                                                                                                                                     | 101273 | 102.70      | 104.50    | 1.80          | 89       | 89       | tr        | .0        | 2.0     |            | .003      |
|             |           |                                                                                                                                                                                                                                                                                                                           | 101274 | 104.50      | 106.10    | 1.60          | 90       | 90       | tr        | .0        | 1.0     |            | .003      |















| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | RQD<br>% | FGPY<br>% | CGPY<br>% | QV<br>% | SG<br>g/cc | AU<br>g/t |
|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|----------|-----------|-----------|---------|------------|-----------|
| .00         | 3.00      | OVERBURDEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |             |           |               |          |          |           |           |         |            |           |
| 3.00        | 13.30     | MAFIC FLOW<br>Medium green, medium grained mafic flow, with weak sericite alteration of feldspars giving it a slightly mottled appearance. Hairline argillaceous and calcite healed randomly oriented fractures common. Rare quartz-calcite veinlets at 40 deg to long core axis.<br>Flow is ubiquitously weakly magnetic; pervasive weak chlorite alteration. Trace fine grained disseminated pyrite. Core somewhat blocky; broken generally at 40 deg to lca.                                                                                                                                                                                                                                                                                                                          |        | 3.00        | 4.00      | 1.00          | 70       | 60       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 4.00        | 6.00      | 2.00          | 100      | 85       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 6.00        | 8.00      | 2.00          | 100      | 92       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 8.00        | 10.00     | 2.00          | 98       | 55       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 10.00       | 12.00     | 2.00          | 96       | 33       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 12.00       | 13.30     | 1.30          | 96       | 28       |           |           |         |            |           |
| 13.30       | 16.40     | ALTERED MAFIC FLOW MODERATELY ALTERED<br>Light greenish-tan very fine grained moderately ferrocarbonate altered mafic volcanic. Patchy brecciation filled with argillaceous material with calcite healed tension gashes, Trace pyrite. Very rubbly, broken generally at 30 deg to lca.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        | 13.30       | 14.00     | .70           | 96       | 28       |           |           |         |            |           |
|             |           | 14.00 16.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 101305 | 14.00       | 16.00     | 2.00          | 90       | 23       | tr        | .0        | tr      | .00        | .003      |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 16.00       | 16.40     | .40           | 94       | 44       |           |           |         |            |           |
| 16.40       | 22.75     | ALTERED MAFIC FLOW WEAKLY ALTERED<br>Light green-grey, fine grained mafic flow, very weakly ferro-carbonate altered. Hairline fractures common, same orientation and composition as 3-13.3 described above. Ubiquitous very weak magnetism, trace very fine grained disseminated pyrite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        | 16.40       | 18.00     | 1.60          | 94       | 44       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 18.00       | 20.00     | 2.00          | 100      | 92       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 20.00       | 22.00     | 2.00          | 100      | 90       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 22.00       | 22.75     | .75           | 98       | 74       |           |           |         |            |           |
| 22.75       | 24.15     | LAMPROPHYRE<br>Dark greenish-brown fine grained biotite rich lamp dyke. Weak foliation at 62 deg to lca.<br>Strongly magnetic. Upper contact at 48 deg, lower contact at 50 deg to lca.<br>24.00 26.00 Brecciated & healed with 6% pyrite & 1% pyrite from 25.0-25.8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | 22.75       | 24.00     | 1.25          | 98       | 74       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 101306 | 24.00       | 26.00     | 2.00          | 100      | 58       | 1.0       | .0        | 1.0     | .00        | .003      |
| 24.15       | 68.00     | ALTERED MAFIC FLOW WEAKLY ALTERED<br>Light greenish-grey fine grained very weakly magnetic mafic flow. Patchy weak foliation at 50 deg to lca. Weak pervasive ferro-carbonate alteration. Calcite healed fractures common (up to 3mm wide) generally at 0 deg or 50 deg to lca. Trace fine grained disseminated pyrite.<br>26.00 28.00 Patchy moderate ferro-carbonate alteration with up 1% fine grained disseminated pyrite. Several 1-2 cm quartz-calcite veinlets at 40 deg to lca.<br>28.00 30.00 As above sample 101307.<br>31.80 35.00 Sheared rubble.<br>30% Of unit broken rubble, sheared at 0-30 deg to core axis, with chloritic slicks & minor coarse pyrite & calcite on shear faces. 30 32.<br>34.00 36.00 Sheared as described above.<br>38.00 41.65 MODERATELY ALTERED. |        |             |           |               |          |          |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 101307 | 26.00       | 28.00     | 2.00          | 98       | 38       | 1.0       | .0        | 2.0     | .00        | .280      |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 101308 | 28.00       | 30.00     | 2.00          | 98       | 38       | 1.0       | .0        | 2.0     | .00        | .070      |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 30.00       | 32.00     | 2.00          | 95       | 38       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 32.00       | 34.00     | 2.00          | 95       | 10       |           |           |         |            |           |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 101309 | 34.00       | 36.00     | 2.00          | 96       | 30       | 1.0       | .0        | tr      | .00        | .003      |
|             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 36.00       | 38.00     | 2.00          | 100      | 90       |           |           |         |            |           |





| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                                                                                  | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | RQD<br>% | FGPY<br>% | CGPY<br>% | QV<br>% | SG<br>g/cc | AU<br>g/t |
|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|----------|-----------|-----------|---------|------------|-----------|
|             |           | argillaceous material healing wispy fractures, predominately at 50-70 deg to lca. Weak to moderate pervasive ferro-carbonate alteration. Minor pyrite as coarse disseminations and stringers in fractures.                                                                                                                                                                               |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 96.00 98.00 As described above SG analysis.                                                                                                                                                                                                                                                                                                                                              | 101320 | 96.00       | 98.00     | 2.00          | 100      | 93       | .0        | 1.0       | .0      | 2.79       | .003      |
|             |           | 98.00 100.00 As described above.                                                                                                                                                                                                                                                                                                                                                         | 101321 | 98.00       | 100.00    | 2.00          | 98       | 80       | .0        | 1.0       | .0      | .00        | .003      |
|             |           | 100.00 102.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101322 | 100.00      | 102.00    | 2.00          | 97       | 86       | .0        | 1.0       | .0      | .00        | .003      |
|             |           | 102.00 104.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101323 | 102.00      | 104.00    | 2.00          | 100      | 87       | .0        | 1.0       | .0      | .00        | .090      |
| 103.00      | 108.00    | PYRITIC QUARTZ VEIN MINERALIZED ZONE MODERATELY ALTERED<br>Light green-tan, very fine grained highly fractured at 50 and 140 deg to lca, healed with 6-8% black argillaceous material, 2-3% coarse pyrite disseminations and stringers. 5% late quartz-calcite veins, generally 1 cm at 30-40 deg to lca. 1% finer grained pyrite in matrix, disseminate. Up to 7% total pyrite locally. |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 104.00 106.00 As described above with quartz vein from 105.75-106.45 at 25 deg to lca with xenoliths of altered volcanic with 5% pyrite.                                                                                                                                                                                                                                                 | 101324 | 104.00      | 106.00    | 2.00          | 100      | 76       | 4.0       | 2.0       | 10.0    | .00        | .215      |
|             |           | 106.00 108.00 As described above with quartz vein described in sample 101324. SG test of volcanic.                                                                                                                                                                                                                                                                                       | 101326 | 106.00      | 108.00    | 2.00          | 100      | 45       | 2.0       | 5.0       | 15.0    | 3.03       | .170      |
| 108.00      | 110.00    | ALTERED MAFIC FLOW WEAKLY ALTERED<br>Medium to light tan-green fine grained, weakly to patches of moderately ferro-carbonate altered volcanic with 5% fractures as described from 103.0-108.0 1% disseminated fine grained pyrite.                                                                                                                                                       |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 108.00 110.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101327 | 108.00      | 110.00    | 2.00          | 100      | 65       | 1.0       | tr        | .0      | .00        | .003      |
| 110.00      | 119.30    | MAFIC FLOW<br>Medium to dark green-grey fine to medium grained mafic flow. Fairly massive. Occasional 10 cm patches of weak ferro-carbonate and weak sericite alteration. Minor hairline fractures at 45 deg to lca, healed with dark argillite, trace py, very fine grained.                                                                                                            |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 110.00 112.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101328 | 110.00      | 112.00    | 2.00          | 100      | 82       | 1.0       | .0        | .0      | .00        | .003      |
|             |           | 112.00 114.00 As described above SG test.                                                                                                                                                                                                                                                                                                                                                | 101329 | 112.00      | 114.00    | 2.00          | 100      | 80       | 1.0       | .0        | .0      | 2.78       | .003      |
|             |           | 114.00 116.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101330 | 114.00      | 116.00    | 2.00          | 100      | 52       | 1.0       | .0        | .0      | .00        | .003      |
|             |           | 116.00 118.00 As described above patchy weak brecciation with weakly altered volcanic clasts.                                                                                                                                                                                                                                                                                            | 101331 | 116.00      | 118.00    | 2.00          | 100      | 46       | 1.0       | .0        | .0      | .00        | .003      |
|             |           | 118.00 120.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101332 | 118.00      | 120.00    | 2.00          | 100      | 90       | 1.0       | tr        | .0      | .00        | .003      |
| 119.30      | 127.70    | ALTERED MAFIC FLOW WEAKLY ALTERED<br>Medium grey to light grey patchy weak to moderate ferro-dolomite alteration. Black amygdules composed of chlorite up to 2 mm common. Minor disseminated coarse pyrite as euhedral crystals. Core blocky: fractured at 0-30 degrees to lca, with calcitic crusts.                                                                                    |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 120.00 122.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101333 | 120.00      | 122.00    | 2.00          | 96       | 27       | 1.0       | tr        | .0      | .00        | .293      |
|             |           | 122.00 124.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101334 | 122.00      | 124.00    | 2.00          | 96       | 10       | 1.0       | tr        | .0      | .00        | .003      |
|             |           | 124.00 126.00 As described above SG test.                                                                                                                                                                                                                                                                                                                                                | 101335 | 124.00      | 126.00    | 2.00          | 94       | 7        | tr        | 1.0       | .0      | 2.83       | .003      |
|             |           | 126.00 128.00 As described above.                                                                                                                                                                                                                                                                                                                                                        | 101336 | 126.00      | 128.00    | 2.00          | 96       | 26       | 1.0       | 1.0       | tr      | .00        | .003      |





| From<br>(m) | To<br>(m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sample | From<br>(m) | To<br>(m) | Length<br>(m) | REC<br>% | RQD<br>% | FGPY<br>% | CGPY<br>% | QV<br>% | SG<br>g/cc | AU<br>g/t |
|-------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-----------|---------------|----------|----------|-----------|-----------|---------|------------|-----------|
|             |           | 226.00 228.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                            | 101366 | 226.00      | 228.00    | 2.00          | 100      | 80       | 1.0       | .0        | .0      | .00        | .003      |
| 227.85      | 234.75    | ALTERED MAFIC FLOW MODERATELY ALTERED<br>Light tan-green to light yellow-tan fine grained to aphanitic moderately to strongly altered.<br>5% Quartz carbonate healed fractures (minor chlorite) generally at 50 & 140 deg to lca. Trace fine grained py in fractures. Occasional discrete sericitic shear at 35-40 deg to lca.                                                                                                                               |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 228.00 230.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                            | 101367 | 228.00      | 230.00    | 2.00          | 98       | 45       | tr        | .0        | 1.0     | .00        | .003      |
|             |           | 230.00 232.00 As described above SG Test.                                                                                                                                                                                                                                                                                                                                                                                                                    | 101368 | 230.00      | 232.00    | 2.00          | 98       | 80       | tr        | .0        | 1.0     | 2.64       | .003      |
|             |           | 232.00 234.00 As described above 10 cm fault gouge at 232.9.                                                                                                                                                                                                                                                                                                                                                                                                 | 101369 | 232.00      | 234.00    | 2.00          | 96       | 30       | tr        | .0        | 1.0     | .00        | .003      |
|             |           | 234.00 236.00 As described above and as described below: cemented fault gouge from 234-234.7. SG test taken from Quartz Vein Zone.                                                                                                                                                                                                                                                                                                                           | 101370 | 234.00      | 236.00    | 2.00          | 98       | 34       | tr        | tr        | 8.0     | .00        | .003      |
| 234.75      | 240.70    | ALTERED MAFIC FLOW MODERATELY ALTERED QUARTZ VEIN ZONE<br>Light green-tan to light green grey moderately altered grading to weakly ferrocarbonate altered downunit. 70% 1 cm to 1 m quartz veins from 30-70 deg to lca. Brecciated patches.<br>With strong foliation at 50 deg to lca common. Trace disseminated fine grained pyrite.                                                                                                                        |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 236.00 238.00 As described above with several discrete sericitic shears at 25-30 deg to lca. SG Test.                                                                                                                                                                                                                                                                                                                                                        | 101371 | 236.00      | 238.00    | 2.00          | 100      | 71       | tr        | .0        | 30.0    | 2.66       | .003      |
|             |           | 238.00 240.00 As described above with veins fractured & healed with dark argillaceous material, generally at 40 deg to lca.                                                                                                                                                                                                                                                                                                                                  | 101372 | 238.00      | 240.00    | 2.00          | 100      | 90       | tr        | .0        | 60.0    | .00        | .003      |
|             |           | 240.00 242.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                            | 101373 | 240.00      | 242.00    | 2.00          | 100      | 88       | tr        | .0        | 1.0     | .00        | .003      |
| 240.70      | 257.40    | ALTERED MAFIC FLOW MODERATELY ALTERED<br>Light khaki-green fine grained to aphanitic unit. Well fractured at random orientations healed with quartz, minor calcite and black argillaceous material. Well brecciated and moderately to strongly silicified from 242.6-246.6. Sheared, rubbly & sericitic from 251-257.4, at 20-30 deg to lca. 4-5% 1 Cm quartz veinlets at 40-45 deg to long core axis. Only trace very fine grained pyrite detected in unit. |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 242.00 244.00 As described above with SG test.                                                                                                                                                                                                                                                                                                                                                                                                               | 101374 | 242.00      | 244.00    | 2.00          | 100      | 90       | tr        | .0        | 4.0     | 2.65       | .003      |
|             |           | 244.00 246.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                            | 101375 | 244.00      | 246.00    | 2.00          | 100      | 94       | tr        | .0        | 2.0     | .00        | .003      |
|             |           | 246.00 248.00 As described above with SG test.                                                                                                                                                                                                                                                                                                                                                                                                               | 101376 | 246.00      | 248.00    | 2.00          | 100      | 94       | tr        | .0        | 2.0     | 2.71       | .003      |
|             |           | 248.00 250.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                            | 101377 | 248.00      | 250.00    | 2.00          | 100      | 95       | tr        | .0        | 2.0     | .00        | .003      |
|             |           | 250.00 252.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                            | 101378 | 250.00      | 252.00    | 2.00          | 94       | 10       | tr        | .0        | 2.0     | .00        | .003      |
|             |           | 252.00 254.00 As described above with SG test.                                                                                                                                                                                                                                                                                                                                                                                                               | 101379 | 252.00      | 254.00    | 2.00          | 95       | 10       | tr        | .0        | 3.0     | 2.73       | .003      |
|             |           | 254.00 256.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                            | 101380 | 254.00      | 256.00    | 2.00          | 92       | 15       | tr        | .0        | 2.0     | .00        | .003      |
|             |           | 256.00 258.00 As described above.                                                                                                                                                                                                                                                                                                                                                                                                                            | 101381 | 256.00      | 258.00    | 2.00          | 92       | 5        | tr        | .0        | 2.0     | .00        | .003      |
| 257.40      | 267.00    | ALTERED MAFIC FLOW WEAKLY ALTERED<br>Light to medium green-grey, fine grained, moderately fractured at 45-50 deg to lca, healed with black argillaceous material and lesser chlorite. Weak pervasive ferro-carbonate alteration, weakening downhole. Trace very fine grained disseminated pyrite.                                                                                                                                                            |        |             |           |               |          |          |           |           |         |            |           |
|             |           | 258.00 260.00 As described above with SG test.                                                                                                                                                                                                                                                                                                                                                                                                               | 101382 | 258.00      | 260.00    | 2.00          | 100      | 85       | tr        | .0        | .0      | 2.86       | .003      |



**APPENDIX**  
**ASSAY CERTIFICATES**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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CYPRUS CANADA INC.

66 BRUCE AVE., BOX 1120  
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Project: 391  
 Comments: CC: DAVID BROUGHTON

QC Page #: 1  
 Tot QC Pg: 1  
 Date: 08-JUN-95  
 Invoice #: 19518623  
 P.O. #: LTE

## QC DATA OF CERTIFICATE

### A9518623

| STD/DUP/BLANK DESCRIPTION | QC TYPE  | PAGE NO. | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |
|---------------------------|----------|----------|--------------|----------|--|--|--|--|--|--|--|--|
| BL-C                      | Blank    | 1        | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| CHEMEX MEAN               | ---      | ---      | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| CKR-HC                    | std1     | 1        | 0.045        | -----    |  |  |  |  |  |  |  |  |
| CKR-HC                    | std1     | 2        | 0.045        | -----    |  |  |  |  |  |  |  |  |
| CHEMEX MEAN               | ---      | ---      | 0.046        | -----    |  |  |  |  |  |  |  |  |
| CSB-1                     | std2     | 1        | 0.915        | -----    |  |  |  |  |  |  |  |  |
| CSB-1                     | std2     | 2        | 0.945        | -----    |  |  |  |  |  |  |  |  |
| CHEMEX MEAN               | ---      | ---      | 0.907        | -----    |  |  |  |  |  |  |  |  |
| 42451                     | Dup1-01  |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
|                           | Orig1-01 |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43957                     | Dup2-01  |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
|                           | Orig2-01 |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |

CERTIFICATION:



# Chemex Labs Ltd.

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To: CYPRUS CANADA INC.

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Project: 391  
 Comments: CC: DAVID BROUGHTON

JUN 19 1995

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## CERTIFICATE OF ANALYSIS

### A9518623

| SAMPLE                                             | PREP CODE | Au g/t FA+AA | Au check |       |  |  |  |  |  |  |  |  |
|----------------------------------------------------|-----------|--------------|----------|-------|--|--|--|--|--|--|--|--|
| 15-10<br>42451<br>42452<br>42453<br>42454<br>42455 | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
| 42456<br>42457<br>42458<br>42459<br>42460          | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
| 42461<br>42462<br>42463<br>42464<br>42465          | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | 0.030    | ----- |  |  |  |  |  |  |  |  |
| 42466<br>42467<br>42468<br>42469<br>42470          | 205       | 294          | 0.045    | 0.055 |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | 0.125    | 0.125 |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | 0.160    | 0.150 |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | 0.135    | 0.165 |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
| 42471<br>42472<br>42473<br>42474<br>42475          | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
| 42476<br>42477<br>42478<br>42479<br>42480          | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
| 42481<br>42482<br>42483<br>42484                   | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |
|                                                    | 205       | 294          | < 0.005  | ----- |  |  |  |  |  |  |  |  |

CERTIFICATION: David Broughton



JAN 16 1996



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: CYPRUS CANADA INC.

66 BRUCE AVE., BOX 1120  
 SOUTH PORCUPINE, ON  
 P0N 1H0

Project: TAURUS  
 Comments: CC: DAVE BROUGHTON

QC Page #: 1  
 Tot QC Pg: 1  
 Date: 14-JUN-95  
 Invoice #: I9518891  
 P.O. #: LTE

## QC DATA OF CERTIFICATE

A9518891

| STD/DUP/BLANK DESCRIPTION | QC TYPE  | PAGE NO. | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |
|---------------------------|----------|----------|--------------|----------|--|--|--|--|--|--|--|--|
| BL-C                      | Blnk     | 1        | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| BL-C                      | Blnk     | 2        | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| BL-C                      | Blnk     | 3        | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| BL-C                      | Blnk     | 4        | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| CHEMEX MEAN               | ---      | ---      | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| CKR-HC                    | std1     | 1        | 0.045        | -----    |  |  |  |  |  |  |  |  |
| CKR-HC                    | std1     | 2        | 0.045        | -----    |  |  |  |  |  |  |  |  |
| CKR-HC                    | std1     | 3        | 0.040        | -----    |  |  |  |  |  |  |  |  |
| CKR-HC                    | std1     | 4        | 0.045        | -----    |  |  |  |  |  |  |  |  |
| CKR-HC                    | std1     | 5        | 0.045        | -----    |  |  |  |  |  |  |  |  |
| CHEMEX MEAN               | ---      | ---      | 0.046        | -----    |  |  |  |  |  |  |  |  |
| CSB-1                     | std2     | 1        | 0.900        | -----    |  |  |  |  |  |  |  |  |
| CSB-1                     | std2     | 2        | 0.905        | -----    |  |  |  |  |  |  |  |  |
| CSB-1                     | std2     | 3        | 0.925        | -----    |  |  |  |  |  |  |  |  |
| CSB-1                     | std2     | 4        | 0.940        | -----    |  |  |  |  |  |  |  |  |
| CSB-1                     | std2     | 5        | 0.940        | -----    |  |  |  |  |  |  |  |  |
| CHEMEX MEAN               | ---      | ---      | 0.907        | -----    |  |  |  |  |  |  |  |  |
| 42485                     | Dup1-01  |          | 0.210        | -----    |  |  |  |  |  |  |  |  |
|                           | Orig1-01 |          | 0.195        | -----    |  |  |  |  |  |  |  |  |
| 42525                     | Dup2-01  |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
|                           | Orig2-01 |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43027                     | Dup3-01  |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
|                           | Orig3-01 |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43067                     | Dup4-01  |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
|                           | Orig4-01 |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43107                     | Dup5-01  |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |
|                           | Orig5-01 |          | < 0.005      | -----    |  |  |  |  |  |  |  |  |

CERTIFICATION:

*Frank Vork*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: CYPRUS CANADA INC.

66 BRUCE AVE., BOX 1120  
SOUTH PORCUPINE, ON  
P0N 1H0

A9518891

Comments: CC: DAVE BROUGHTON

**CERTIFICATE**                      **A9518891**

(LTE) - CYPRUS CANADA INC.

Project: TAURUS  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 11-JAN-96.

| SAMPLE PREPARATION |                |                               |
|--------------------|----------------|-------------------------------|
| CHEMEX CODE        | NUMBER SAMPLES | DESCRIPTION                   |
| 208                | 185            | Assay ring to approx 150 mesh |
| 226                | 185            | 0-3 Kg crush and split        |
| 3202               | 185            | Rock - save entire reject     |
| 281                | 185            | 0-3 Kg -60 mesh crush         |
| 234                | 185            | 0-7 Kg splitting charge       |

\* NOTE 1:

Code 1000 is used for repeat gold analyses  
It shows typical sample variability due to  
coarse gold effects. Each value is  
correct for its particular subsample.

| ANALYTICAL PROCEDURES |                |                          |        |                 |             |
|-----------------------|----------------|--------------------------|--------|-----------------|-------------|
| CHEMEX CODE           | NUMBER SAMPLES | DESCRIPTION              | METHOD | DETECTION LIMIT | UPPER LIMIT |
| 494                   | 185            | Au g/t: Fuse 30 g sample | FA-AAS | 0.005           | 12.00       |
| 1350                  | 12             | Au check analysis        |        | 0.005           | 10000       |



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Comments: CC: DAVE BROUGHTON

Page Number :1  
Total Pages :5  
Certificate Date: 14-JUN-95  
Invoice No. :19518891  
P.O. Number :  
Account :LTE

## CERTIFICATE OF ANALYSIS A9518891

| SAMPLE | PREP CODE | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |  |  |
|--------|-----------|--------------|----------|--|--|--|--|--|--|--|--|--|--|
| 42485  | 208 226   | 0.195        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42486  | 208 226   | 0.225        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42487  | 208 226   | 0.270        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42488  | 208 226   | 0.040        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42489  | 208 226   | 0.020        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42490  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42491  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42492  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42493  | 208 226   | 0.035        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42494  | 208 226   | 0.330        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42495  | 208 226   | 4.11         | -----    |  |  |  |  |  |  |  |  |  |  |
| 42496  | 208 226   | 1.430        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42497  | 208 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42498  | 208 226   | 0.025        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42499  | 208 226   | 0.035        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42500  | 208 226   | 0.310        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42501  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42502  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42503  | 208 226   | 0.145        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42504  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42505  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42506  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42507  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42508  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42509  | 208 226   | 0.005        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42510  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42511  | 208 226   | 0.250        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42512  | 208 226   | 0.195        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42513  | 208 226   | 0.340        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42514  | 208 226   | 0.115        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42515  | 208 226   | 0.120        | -----    |  |  |  |  |  |  |  |  |  |  |
| 42516  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42517  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42518  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42519  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42520  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42521  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42522  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42523  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |
| 42524  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |  |

CERTIFICATION: *David Vonk*



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| SAMPLE | PREP CODE | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |  |
|--------|-----------|--------------|----------|--|--|--|--|--|--|--|--|--|
| 42525  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 42526  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 42527  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 42528  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 42529  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 42530  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 42531  | 208 226   | 0.100        | 0.065    |  |  |  |  |  |  |  |  |  |
| 42532  | 208 226   | < 0.005      | < 0.005  |  |  |  |  |  |  |  |  |  |
| 42533  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 42534  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 42535  | 208 226   | < 0.005      | < 0.005  |  |  |  |  |  |  |  |  |  |
| 42536  | 208 226   | 0.140        | 0.140    |  |  |  |  |  |  |  |  |  |
| 42537  | -- --     | miss.        | -----    |  |  |  |  |  |  |  |  |  |
| 42538  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43001  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43002  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43003  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43004  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43005  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43006  | 208 226   | 0.175        | -----    |  |  |  |  |  |  |  |  |  |
| 43007  | 208 226   | 0.055        | -----    |  |  |  |  |  |  |  |  |  |
| 43008  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43009  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43010  | 208 226   | 0.435        | -----    |  |  |  |  |  |  |  |  |  |
| 43011  | 208 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |  |
| 43012  | 208 226   | 0.085        | -----    |  |  |  |  |  |  |  |  |  |
| 43013  | 208 226   | 0.005        | -----    |  |  |  |  |  |  |  |  |  |
| 43014  | 208 226   | 0.035        | -----    |  |  |  |  |  |  |  |  |  |
| 43015  | 208 226   | 0.820        | 0.870    |  |  |  |  |  |  |  |  |  |
| 43016  | 208 226   | 0.290        | 0.250    |  |  |  |  |  |  |  |  |  |
| 43017  | 208 226   | < 0.005      | < 0.005  |  |  |  |  |  |  |  |  |  |
| 43018  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43019  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43020  | 208 226   | < 0.030      | -----    |  |  |  |  |  |  |  |  |  |
| 43021  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43022  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43023  | 208 226   | 0.070        | 0.050    |  |  |  |  |  |  |  |  |  |
| 43024  | 208 226   | < 0.005      | < 0.005  |  |  |  |  |  |  |  |  |  |
| 43025  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 43026  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |

CERTIFICATION: *David Work*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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Comments: CC: DAVE BROUGHTON

Page Number :3  
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## CERTIFICATE OF ANALYSIS

A9518891

| SAMPLE | PREP CODE | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |
|--------|-----------|--------------|----------|--|--|--|--|--|--|--|--|
| 43027  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43028  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43029  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43030  | 208 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |
| 43031  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43032  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43033  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43034  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43035  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43036  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43037  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43038  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43039  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43040  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43041  | 208 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |
| 43042  | 208 226   | 0.075        | -----    |  |  |  |  |  |  |  |  |
| 43043  | 208 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |
| 43044  | 208 226   | 0.025        | -----    |  |  |  |  |  |  |  |  |
| 43045  | 208 226   | 0.285        | -----    |  |  |  |  |  |  |  |  |
| 43046  | 208 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |
| 43047  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43048  | 208 226   | 0.025        | -----    |  |  |  |  |  |  |  |  |
| 43049  | 208 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |
| 43050  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43051  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43052  | 208 226   | 0.120        | -----    |  |  |  |  |  |  |  |  |
| 43053  | 208 226   | 0.215        | -----    |  |  |  |  |  |  |  |  |
| 43054  | 208 226   | 0.225        | -----    |  |  |  |  |  |  |  |  |
| 43055  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43056  | 208 226   | 0.155        | -----    |  |  |  |  |  |  |  |  |
| 43057  | 208 226   | 0.235        | -----    |  |  |  |  |  |  |  |  |
| 43058  | 208 226   | 0.210        | -----    |  |  |  |  |  |  |  |  |
| 43059  | 208 226   | 0.215        | -----    |  |  |  |  |  |  |  |  |
| 43060  | 208 226   | 0.180        | -----    |  |  |  |  |  |  |  |  |
| 43061  | 208 226   | 0.185        | -----    |  |  |  |  |  |  |  |  |
| 43062  | 208 226   | 0.285        | -----    |  |  |  |  |  |  |  |  |
| 43063  | 208 226   | 0.035        | -----    |  |  |  |  |  |  |  |  |
| 43064  | 208 226   | 0.030        | -----    |  |  |  |  |  |  |  |  |
| 43065  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43066  | 208 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: CYPRUS CANADA INC.

66 BRUCE AVE., BOX 1120  
SOUTH PORCUPINE, ON  
P0N 1H0

Project : TAURUS  
Comments: CC: DAVE BROUGHTON

Page Number : 4  
Total Pages : 5  
Certificate Date: 14-JUN-95  
Invoice No. : 19518891  
P.O. Number :  
Account : LTE

## CERTIFICATE OF ANALYSIS

A9518891

| SAMPLE | PREP CODE | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |
|--------|-----------|--------------|----------|--|--|--|--|--|--|--|--|
| 43067  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43068  | 208 226   | 0.085        | -----    |  |  |  |  |  |  |  |  |
| 43069  | 208 226   | 0.140        | -----    |  |  |  |  |  |  |  |  |
| 43070  | 208 226   | 0.295        | -----    |  |  |  |  |  |  |  |  |
| 43071  | 208 226   | 0.320        | -----    |  |  |  |  |  |  |  |  |
| 43072  | 208 226   | 1.020        | -----    |  |  |  |  |  |  |  |  |
| 43073  | 208 226   | 0.505        | -----    |  |  |  |  |  |  |  |  |
| 43074  | 208 226   | 0.170        | -----    |  |  |  |  |  |  |  |  |
| 43075  | 208 226   | 0.540        | -----    |  |  |  |  |  |  |  |  |
| 43076  | 208 226   | 0.055        | -----    |  |  |  |  |  |  |  |  |
| 43077  | 208 226   | 0.025        | -----    |  |  |  |  |  |  |  |  |
| 43078  | 208 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |
| 43079  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43080  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43081  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43082  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43083  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43084  | 208 226   | 0.050        | -----    |  |  |  |  |  |  |  |  |
| 43085  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43086  | 208 226   | 0.025        | -----    |  |  |  |  |  |  |  |  |
| 43087  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43088  | 208 226   | 0.020        | -----    |  |  |  |  |  |  |  |  |
| 43089  | 208 226   | 0.140        | -----    |  |  |  |  |  |  |  |  |
| 43090  | 208 226   | 0.065        | -----    |  |  |  |  |  |  |  |  |
| 43091  | 208 226   | 0.025        | -----    |  |  |  |  |  |  |  |  |
| 43092  | 208 226   | 0.025        | -----    |  |  |  |  |  |  |  |  |
| 43093  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43094  | 208 226   | 0.005        | -----    |  |  |  |  |  |  |  |  |
| 43095  | 208 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |
| 43096  | 208 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |
| 43097  | 208 226   | 0.020        | -----    |  |  |  |  |  |  |  |  |
| 43098  | 208 226   | 0.005        | -----    |  |  |  |  |  |  |  |  |
| 43099  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43100  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43101  | 208 226   | 0.200        | -----    |  |  |  |  |  |  |  |  |
| 43102  | 208 226   | < 0.060      | -----    |  |  |  |  |  |  |  |  |
| 43103  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43104  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43105  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43106  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: CYPRUS CANADA INC.

66 BRUCE AVE., BOX 1120  
SOUTH PORCUPINE, ON  
P0N 1H0

Project : TAURUS  
Comments: CC: DAVE BROUGHTON

Page Number : 5  
Total Pages : 5  
Certificate Date: 14-JUN-95  
Invoice No. : I9518891  
P.O. Number :  
Account : LTE

## CERTIFICATE OF ANALYSIS A9518891

| SAMPLE | PREP CODE | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |
|--------|-----------|--------------|----------|--|--|--|--|--|--|--|--|
| 43107  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43108  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43109  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43110  | 208 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |
| 43111  | 208 226   | 0.135        | -----    |  |  |  |  |  |  |  |  |
| 43112  | 208 226   | 2.38         | -----    |  |  |  |  |  |  |  |  |
| 43113  | 208 226   | 0.810        | -----    |  |  |  |  |  |  |  |  |
| 43114  | 208 226   | 0.820        | -----    |  |  |  |  |  |  |  |  |
| 43115  | 208 226   | 1.230        | -----    |  |  |  |  |  |  |  |  |
| 43116  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43117  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43118  | 208 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |
| 43119  | 208 226   | 0.460        | -----    |  |  |  |  |  |  |  |  |
| 43120  | 208 226   | 0.860        | -----    |  |  |  |  |  |  |  |  |
| 43121  | 208 226   | 1.150        | -----    |  |  |  |  |  |  |  |  |
| 43122  | 208 226   | 0.065        | -----    |  |  |  |  |  |  |  |  |
| 43123  | 208 226   | 0.225        | -----    |  |  |  |  |  |  |  |  |
| 43124  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43125  | 208 226   | 0.570        | -----    |  |  |  |  |  |  |  |  |
| 43126  | 208 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 43127  | 208 226   | 0.400        | -----    |  |  |  |  |  |  |  |  |
| 43128  | 208 226   | 0.730        | 0.720    |  |  |  |  |  |  |  |  |
| 43129  | 208 226   | < 0.005      | < 0.005  |  |  |  |  |  |  |  |  |
| 43130  | 208 226   | 0.260        | 0.245    |  |  |  |  |  |  |  |  |
| 43131  | 208 226   | 0.340        | -----    |  |  |  |  |  |  |  |  |
| 43132  | 208 226   | 0.150        | -----    |  |  |  |  |  |  |  |  |

CERTIFICATION: *David Viner*







# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: CYPRUS CANADA INC.

66 BRUCE AVE., BOX 1120  
SOUTH PORCUPINE, ON  
P0N 1H0

A9522089

Comments: ATTN: DAVID BROUGHTON

**CERTIFICATE**                      **A9522089**

(LTE) - CYPRUS CANADA INC.

Project: TAURUS(CODE 391)SHP1  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 11-JAN-96.

| SAMPLE PREPARATION |                |                                 |
|--------------------|----------------|---------------------------------|
| CHEMEX CODE        | NUMBER SAMPLES | DESCRIPTION                     |
| 205                | 65             | Geochem ring to approx 150 mesh |
| 226                | 65             | 0-3 Kg crush and split          |
| 3202               | 65             | Rock - save entire reject       |
| 281                | 65             | 0-3 Kg -60 mesh crush           |
| 234                | 65             | 0-7 Kg splitting charge         |

\* NOTE 1:

Code 1000 is used for repeat gold analyses  
It shows typical sample variability due to  
coarse gold effects. Each value is  
correct for its particular subsample.

| ANALYTICAL PROCEDURES |                |                          |        |                 |             |
|-----------------------|----------------|--------------------------|--------|-----------------|-------------|
| CHEMEX CODE           | NUMBER SAMPLES | DESCRIPTION              | METHOD | DETECTION LIMIT | UPPER LIMIT |
| 494                   | 65             | Au g/t: Fuse 30 g sample | FA-AAS | 0.005           | 12.00       |
| 1350                  | 7              | Au check analysis        |        | 0.005           | 10000       |



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: CYPRUS CANADA INC.

66 BRUCE AVE., BOX 1120  
SOUTH PORCUPINE, ON  
P0N 1H0

Project : TAURUS(CODE 391)SHP1  
Comments: ATTN: DAVID BROUGHTON

Page Number :1  
Total Pages :2  
Certificate Date: 21-JUL-95  
Invoice No. : I9522089  
P.O. Number :  
Account : LTE

## CERTIFICATE OF ANALYSIS

### A9522089

| SAMPLE | PREP CODE | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |
|--------|-----------|--------------|----------|--|--|--|--|--|--|--|--|
| 101251 | 205 226   | < 0.005      | < 0.005  |  |  |  |  |  |  |  |  |
| 101252 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 101253 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 101254 | 205 226   | 0.095        | -----    |  |  |  |  |  |  |  |  |
| 101255 | 205 226   | 0.260        | 0.250    |  |  |  |  |  |  |  |  |
| 101256 | 205 226   | 0.010        | < 0.005  |  |  |  |  |  |  |  |  |
| 101257 | 205 226   | 0.105        | 0.110    |  |  |  |  |  |  |  |  |
| 101258 | 205 226   | 0.085        | -----    |  |  |  |  |  |  |  |  |
| 101259 | 205 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |
| 101260 | 205 226   | 0.055        | -----    |  |  |  |  |  |  |  |  |
| 101261 | 205 226   | 0.015        | -----    |  |  |  |  |  |  |  |  |
| 101262 | 205 226   | 0.170        | -----    |  |  |  |  |  |  |  |  |
| 101263 | 205 226   | 0.155        | -----    |  |  |  |  |  |  |  |  |
| 101264 | 205 226   | 0.405        | -----    |  |  |  |  |  |  |  |  |
| 101265 | 205 226   | 0.205        | -----    |  |  |  |  |  |  |  |  |
| 101266 | 205 226   | 0.510        | -----    |  |  |  |  |  |  |  |  |
| 101267 | 205 226   | 0.205        | -----    |  |  |  |  |  |  |  |  |
| 101268 | 205 226   | 0.470        | -----    |  |  |  |  |  |  |  |  |
| 101269 | 205 226   | 0.280        | -----    |  |  |  |  |  |  |  |  |
| 101270 | 205 226   | 0.420        | -----    |  |  |  |  |  |  |  |  |
| 101271 | 205 226   | 0.045        | -----    |  |  |  |  |  |  |  |  |
| 101272 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 101273 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 101274 | 205 226   | < 0.005      | < 0.005  |  |  |  |  |  |  |  |  |
| 101275 | 205 226   | 0.795        | 0.275    |  |  |  |  |  |  |  |  |
| 101276 | 205 226   | < 0.005      | < 0.005  |  |  |  |  |  |  |  |  |
| 101277 | 205 226   | 0.915        | -----    |  |  |  |  |  |  |  |  |
| 101278 | 205 226   | 0.160        | -----    |  |  |  |  |  |  |  |  |
| 101279 | 205 226   | 0.860        | -----    |  |  |  |  |  |  |  |  |
| 101280 | 205 226   | 0.450        | -----    |  |  |  |  |  |  |  |  |
| 101281 | 205 226   | 0.500        | -----    |  |  |  |  |  |  |  |  |
| 101282 | 205 226   | 0.435        | -----    |  |  |  |  |  |  |  |  |
| 101283 | 205 226   | 0.370        | -----    |  |  |  |  |  |  |  |  |
| 101284 | 205 226   | 0.245        | -----    |  |  |  |  |  |  |  |  |
| 101285 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 101286 | 205 226   | 0.020        | -----    |  |  |  |  |  |  |  |  |
| 101287 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |
| 101288 | 205 226   | 0.140        | -----    |  |  |  |  |  |  |  |  |
| 101289 | 205 226   | 0.280        | -----    |  |  |  |  |  |  |  |  |
| 101290 | 205 226   | 0.220        | -----    |  |  |  |  |  |  |  |  |

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: CYPRUS CANADA INC.

66 BRUCE AVE., BOX 1120  
SOUTH PORCUPINE, ON  
P0N 1H0

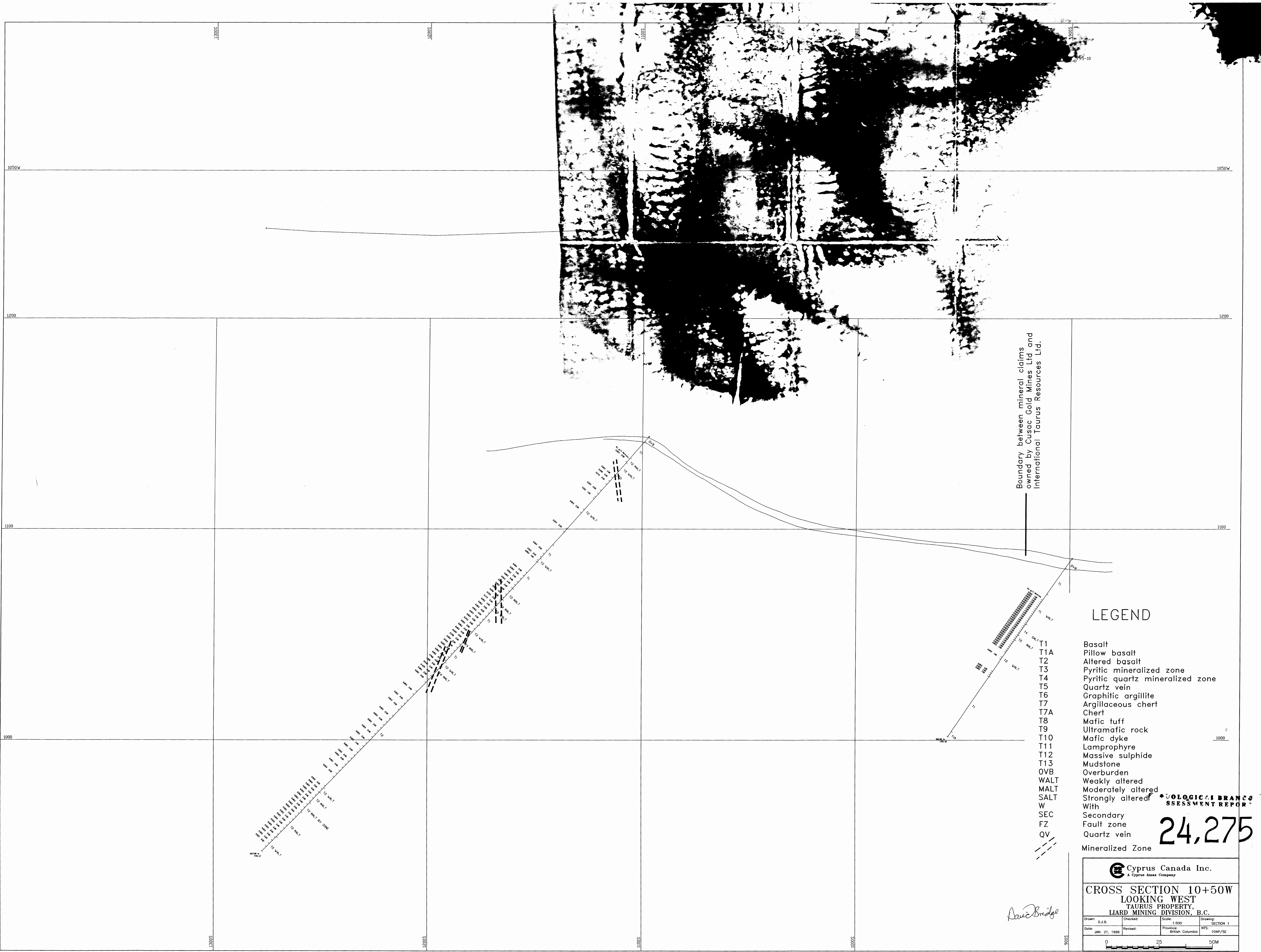
Project : TAURUS(CODE 391)SHP1  
Comments: ATTN: DAVID BROUGHTON

Page Number :2  
Total Pages :2  
Certificate Date: 21-JUL-95  
Invoice No. : 19522089  
P.O. Number :  
Account :LTE

## CERTIFICATE OF ANALYSIS A9522089

| SAMPLE | PREP CODE | Au g/t FA+AA | Au check |  |  |  |  |  |  |  |  |  |
|--------|-----------|--------------|----------|--|--|--|--|--|--|--|--|--|
| 101291 | 205 226   | 0.130        | -----    |  |  |  |  |  |  |  |  |  |
| 101292 | 205 226   | 0.030        | -----    |  |  |  |  |  |  |  |  |  |
| 101293 | 205 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |  |
| 101294 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101295 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101296 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101297 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101298 | 205 226   | 0.020        | -----    |  |  |  |  |  |  |  |  |  |
| 101299 | 205 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |  |
| 101300 | 205 226   | 0.025        | -----    |  |  |  |  |  |  |  |  |  |
| 101301 | 205 226   | 0.030        | -----    |  |  |  |  |  |  |  |  |  |
| 101302 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101303 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101304 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101305 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101306 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101307 | 205 226   | 0.280        | -----    |  |  |  |  |  |  |  |  |  |
| 101308 | 205 226   | 0.070        | -----    |  |  |  |  |  |  |  |  |  |
| 101309 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101310 | 205 226   | 0.010        | -----    |  |  |  |  |  |  |  |  |  |
| 101311 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101312 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101313 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101314 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |
| 101325 | 205 226   | < 0.005      | -----    |  |  |  |  |  |  |  |  |  |

CERTIFICATION: \_\_\_\_\_



Boundary between mineral claims owned by Cusac Gold Mines Ltd and International Taurus Resources Ltd.

LEGEND

- T1 Basalt
- T1A Pillow basalt
- T2 Altered basalt
- T3 Pyritic mineralized zone
- T4 Pyritic quartz mineralized zone
- T5 Quartz vein
- T6 Graphitic argillite
- T7 Argillaceous chert
- T7A Chert
- T8 Mafic tuff
- T9 Ultramafic rock
- T10 Mafic dyke
- T11 Lamprophyre
- T12 Massive sulphide
- T13 Mudstone
- OVB Overburden
- WALT Weakly altered
- MALT Moderately altered
- SALT Strongly altered
- W With
- SEC Secondary
- FZ Fault zone
- QV Quartz vein
- Mineralized Zone

VOLOGICAL BRANC  
ASSESSMENT REPORT

24,275

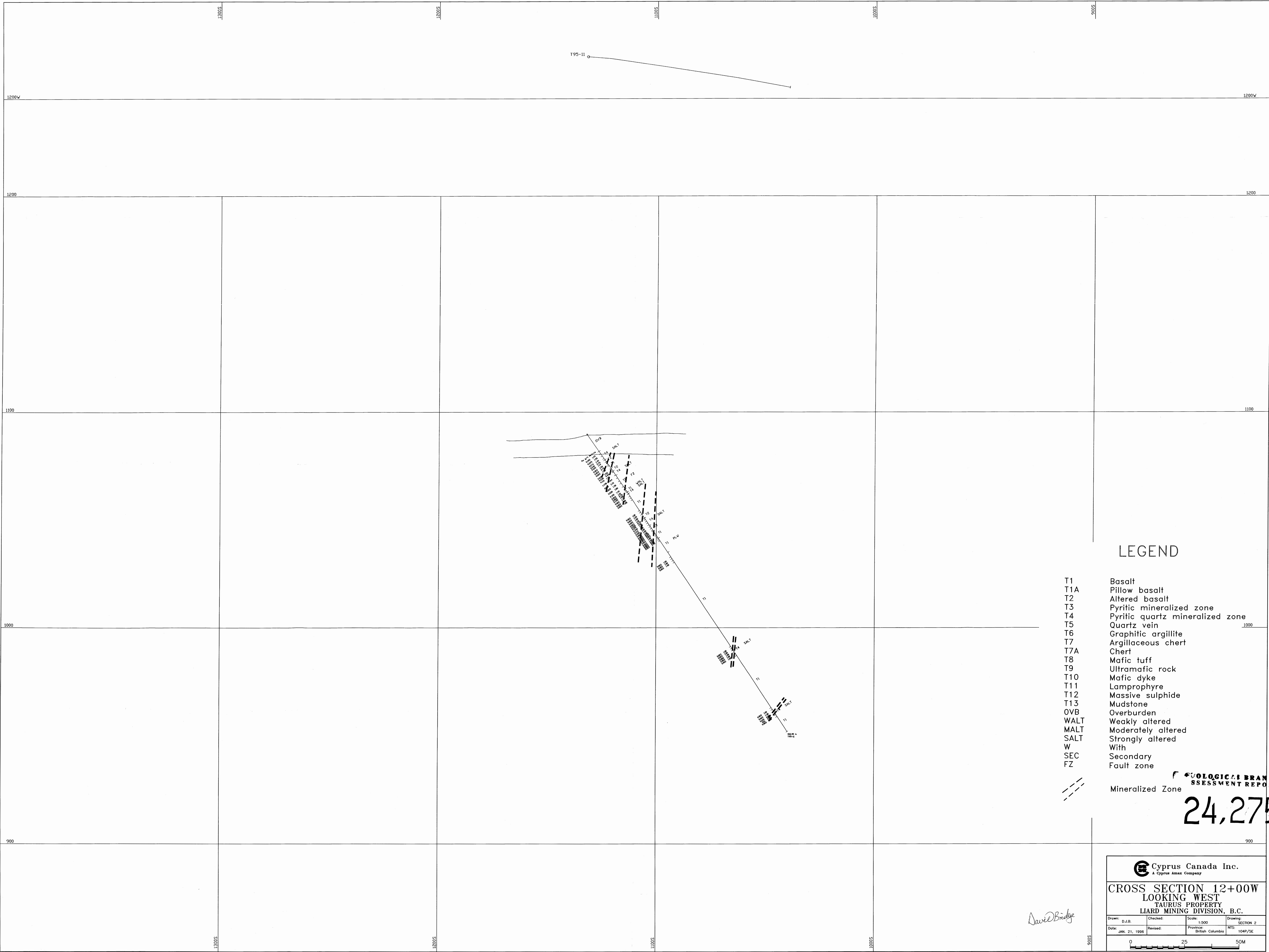
*David Bridge*

**Cyprus Canada Inc.**  
A Cyprus Amax Company

**CROSS SECTION 10+50W**  
LOOKING WEST  
TAURUS PROPERTY,  
LARD MINING DIVISION, B.C.

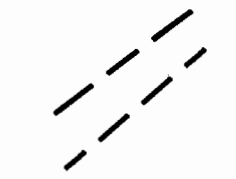
|                     |          |                            |                    |
|---------------------|----------|----------------------------|--------------------|
| Drawn: D.J.B.       | Checked: | Scale: 1:500               | Drawing: SECTION 1 |
| Date: JAN. 21, 1996 | Revised: | Province: British Columbia | NTS: 104P/5E       |


0 25 50M



**LEGEND**

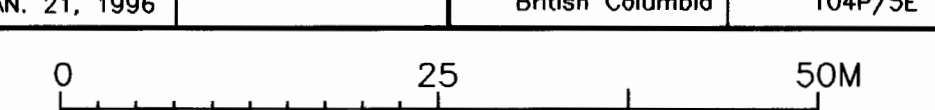
- T1 Basalt
- T1A Pillow basalt
- T2 Altered basalt
- T3 Pyritic mineralized zone
- T4 Pyritic quartz mineralized zone
- T5 Quartz vein
- T6 Graphitic argillite
- T7 Argillaceous chert
- T7A Chert
- T8 Mafic tuff
- T9 Ultramafic rock
- T10 Mafic dyke
- T11 Lamprophyre
- T12 Massive sulphide
- T13 Mudstone
- OVB Overburden
- WALT Weakly altered
- MALT Moderately altered
- SALT Strongly altered
- W With
- SEC Secondary
- FZ Fault zone

 Mineralized Zone  
**24,275**

 **Cyprus Canada Inc.**  
A Cyprus Amax Company

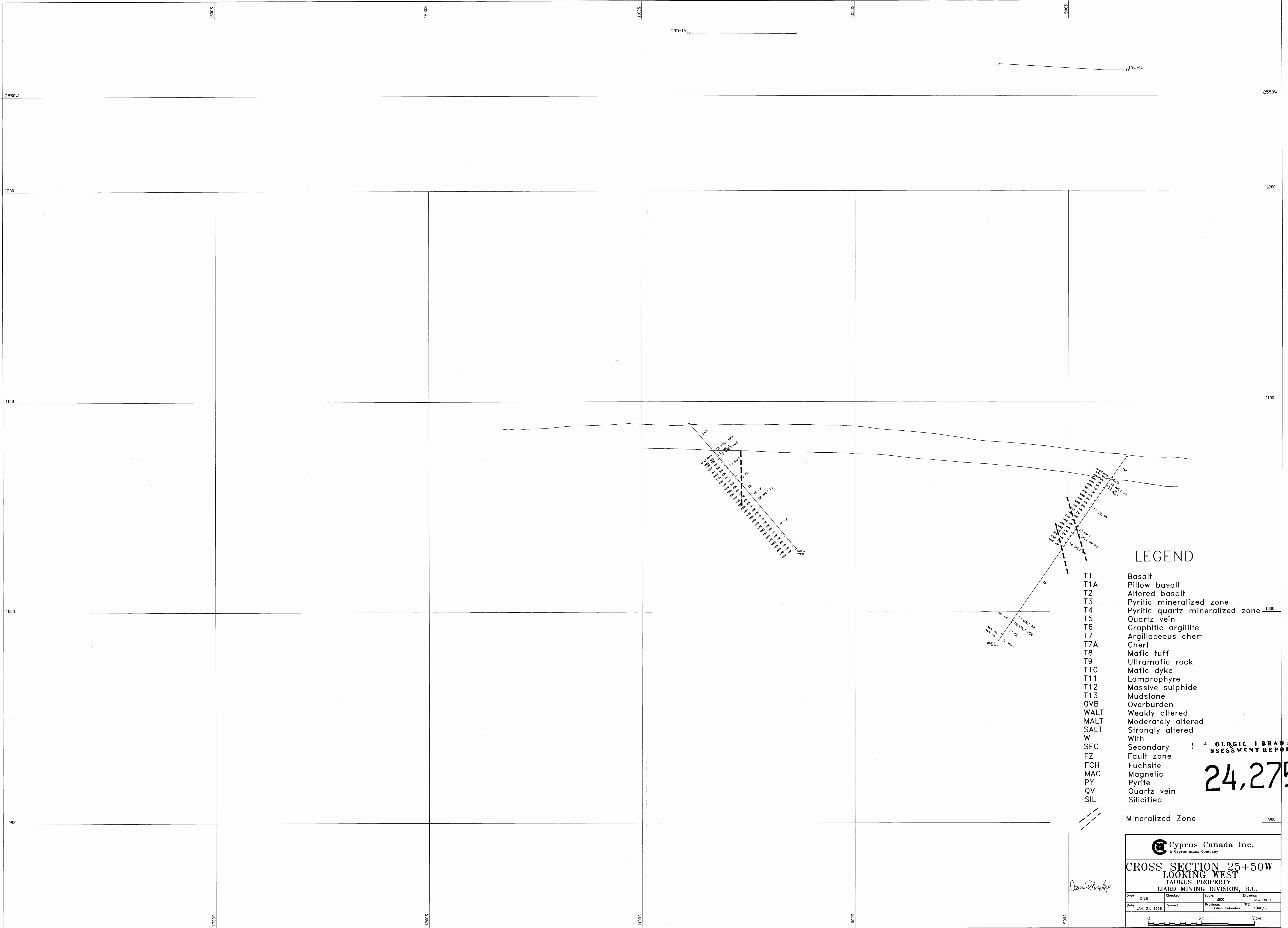
**CROSS SECTION 12+00W**  
**LOOKING WEST**  
**TAURUS PROPERTY**  
**LIARD MINING DIVISION, B.C.**

|                     |          |                            |                    |
|---------------------|----------|----------------------------|--------------------|
| Drawn: D.J.B.       | Checked: | Scale: 1:500               | Drawing: SECTION 2 |
| Date: JAN. 21, 1996 | Revised: | Province: British Columbia | NFS: 104P/SE       |



*David Bridge*

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT



**LEGEND**

- T1 Basalt
- T1A Pillow basalt
- T2 Altered basalt
- T3 Pyritic mineralized zone
- T4 Pyritic quartz mineralized zone
- T5 Quartz vein
- T6 Graphitic argillite
- T7 Argillaceous chert
- T7A Chert
- T8 Mafic tuff
- T9 Ultramafic rock
- T10 Mafic dyke
- T11 Lamprophyre
- T12 Massive sulphide
- T13 Mudstone
- OVB Overburden
- WALT Weakly altered
- MALT Moderately altered
- SALT Strongly altered
- W With
- SEC Secondary
- FZ Fault zone
- FCH Fuchsite
- MAG Magnetic
- PY Pyrite
- QV Quartz vein
- SIL Silicified
- Mineralized Zone

**24,275**

**Cyprus Canada Inc.**  
A Cyprus Amax Company

**CROSS SECTION 25+50W**  
LOOKING WEST  
TAURUS PROPERTY  
LIARD MINING DIVISION, B.C.

|                     |                |                            |                    |
|---------------------|----------------|----------------------------|--------------------|
| Drawn: D.J.B.       | Checked: 1:500 | Scale: 1:500               | Drawing: SECTION 4 |
| Date: JAN. 21, 1996 | Revised:       | Province: British Columbia | NTS: 104P/SE       |

0 25 50M



CUSAC GOLD MINES Ltd.  
MINERAL CLAIMS

CUSAC GOLD MINES Ltd.  
MINERAL CLAIMS

CUSAC GOLD MINES Ltd.  
MINERAL CLAIMS

CLAIM OUTLINE  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

24,275

CLAIM OUTLINE FROM BCLS SURVEY  
JUNE - JULY, 1995

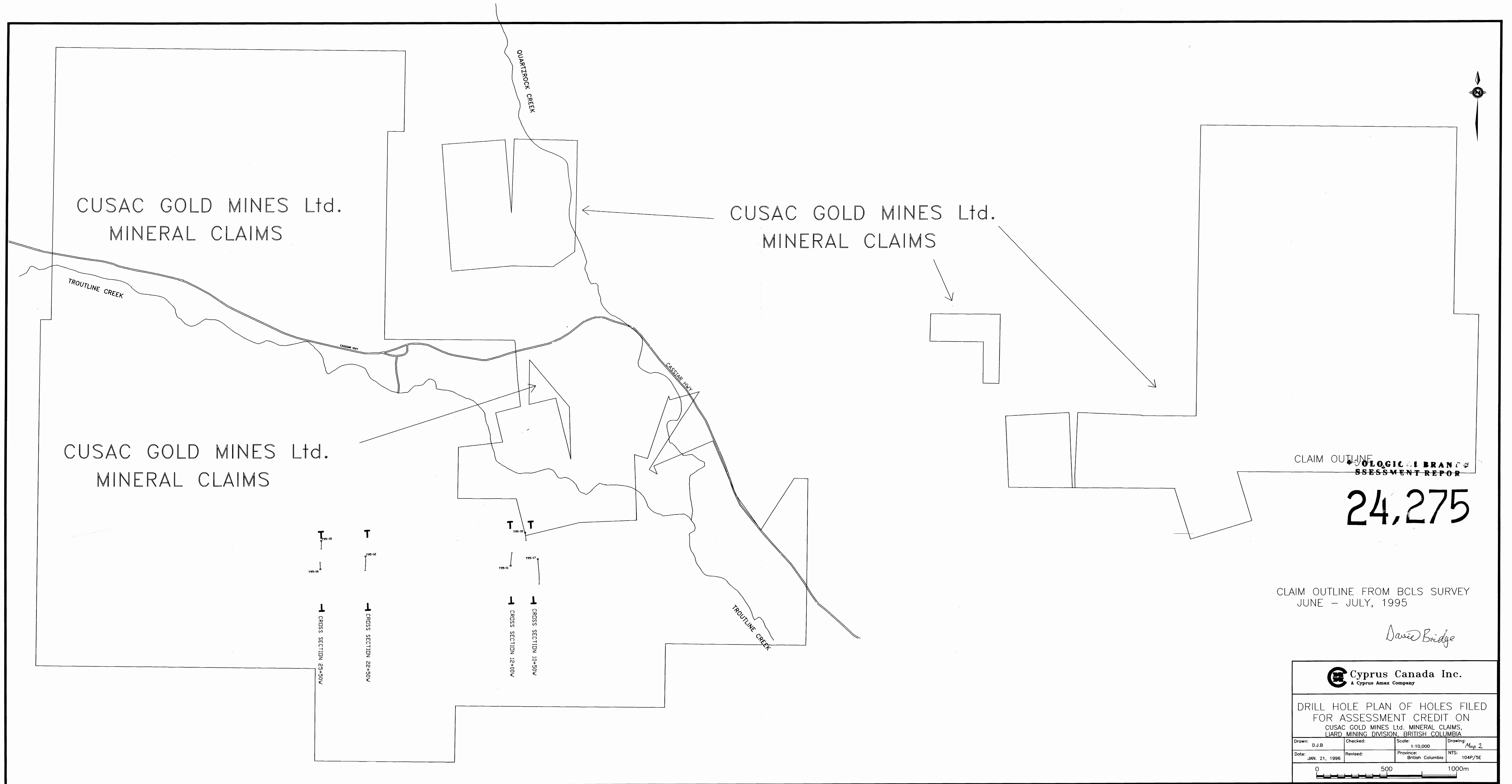
*David Bridge*

 Cyprus Canada Inc.  
A Cyprus Amax Company

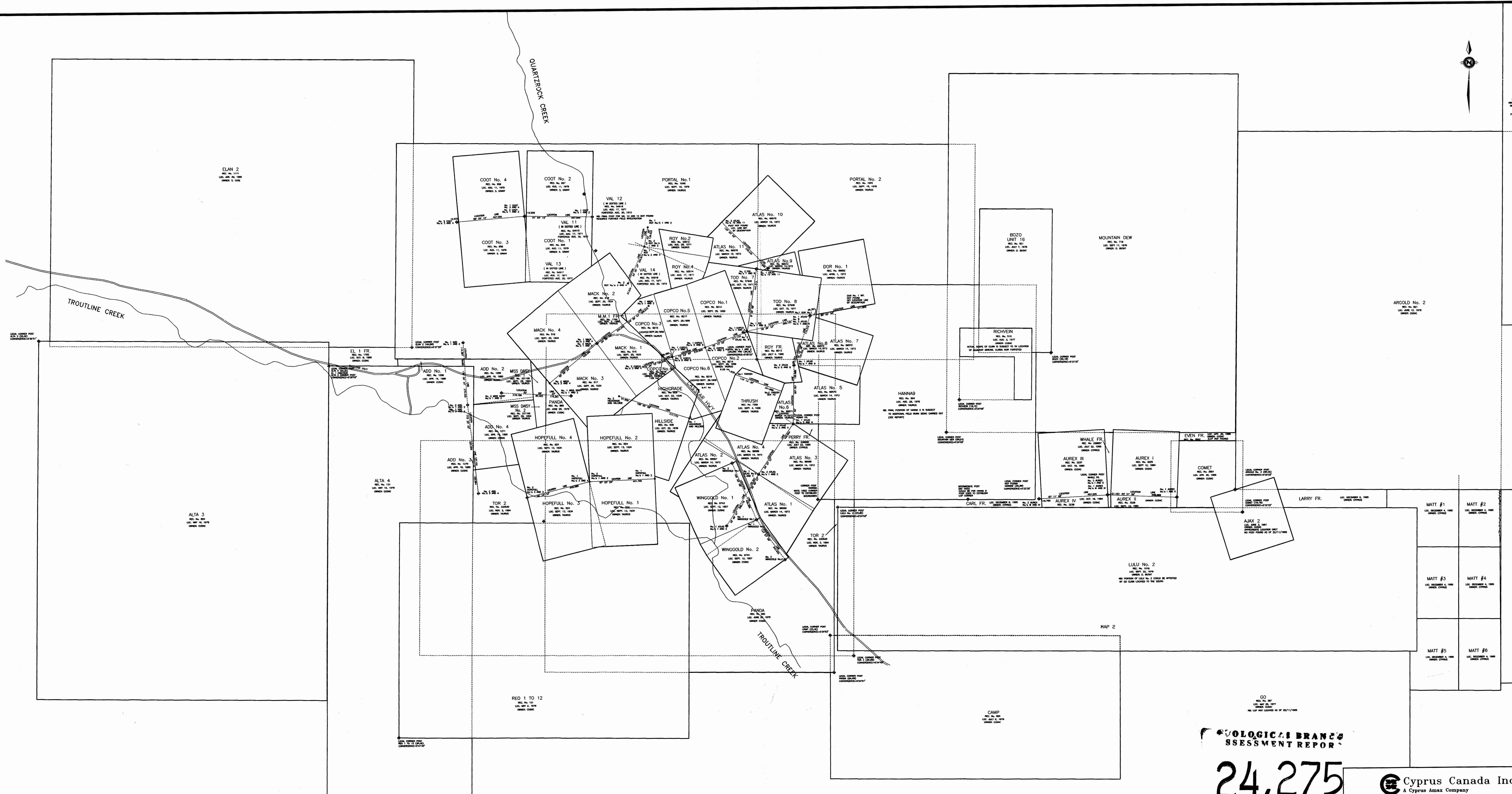
DRILL HOLE PLAN OF HOLES FILED  
FOR ASSESSMENT CREDIT ON  
CUSAC GOLD MINES Ltd. MINERAL CLAIMS,  
LIARD MINING DIVISION, BRITISH COLUMBIA

|                     |          |                            |                |
|---------------------|----------|----------------------------|----------------|
| Drawn: D.J.B.       | Checked: | Scale: 1:10,000            | Drawing: Map 2 |
| Date: JAN. 21, 1995 | Revised: | Province: British Columbia | NTS: 104P/5E   |

0 500 1000m



ARGOLD 1  
 REG. NO. 100  
 LOC. NO. 100  
 LOC. DATE 11, 1979  
 OWNERS: BCL



GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

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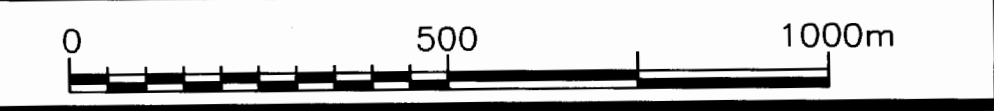
Cyprus Canada Inc.  
 A Cyprus Amax Company

Taurus Property Mineral Claim Map  
 Liard Mining Division, B.C.

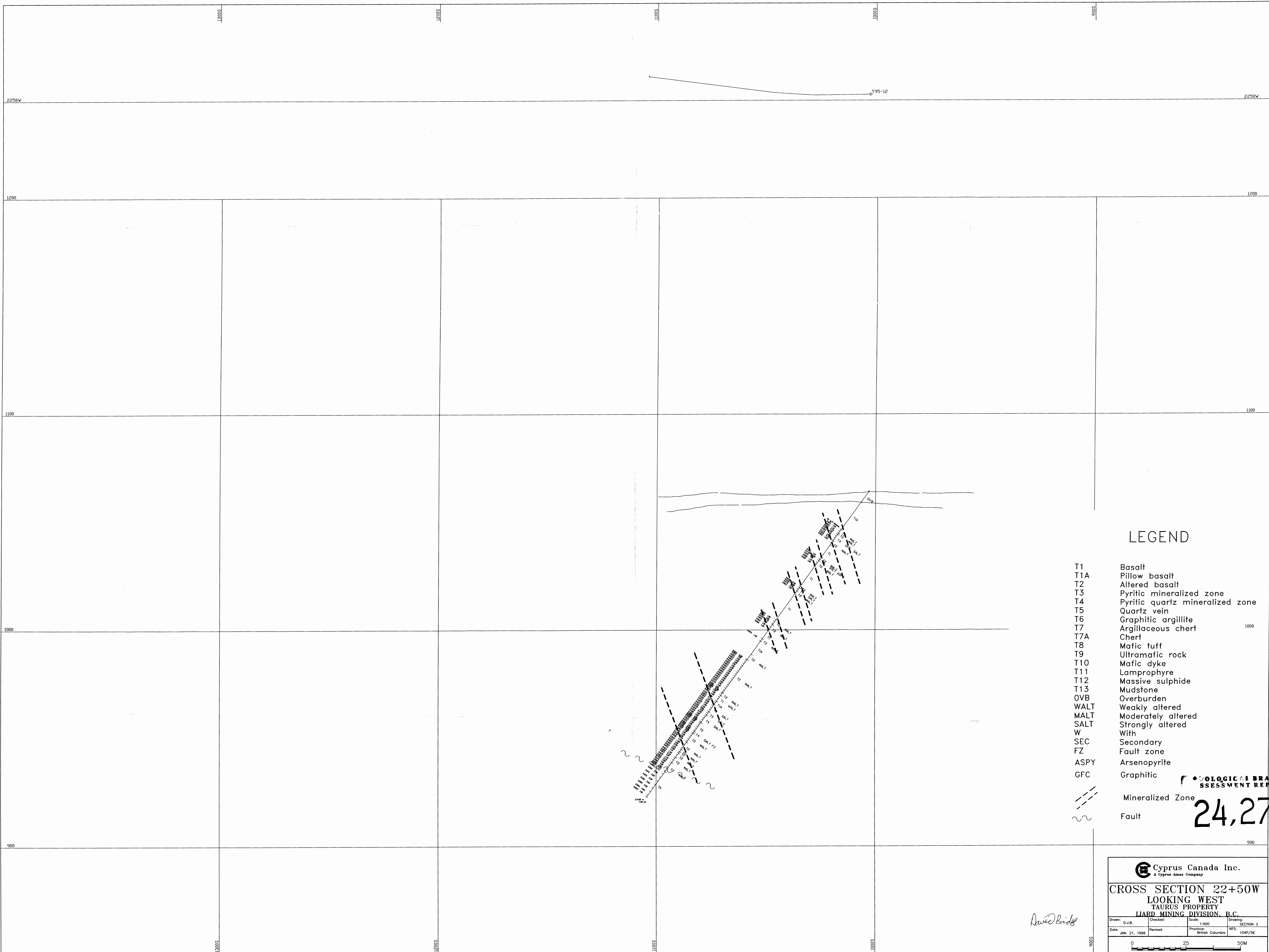
Mineral claims were surveyed in 1995 by BCLS  
 using GPS and transits.

*David Biele*


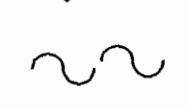
|                    |          |                            |                |
|--------------------|----------|----------------------------|----------------|
| Drawn: D.J.B.      | Checked: | Scale: 1:10,000            | Drawing: Map 1 |
| Date: Jan 17, 1996 | Revised: | Province: British Columbia | NTS: 104P/SE   |







LEGEND

- T1 Basalt
  - T1A Pillow basalt
  - T2 Altered basalt
  - T3 Pyritic mineralized zone
  - T4 Pyritic quartz mineralized zone
  - T5 Quartz vein
  - T6 Graphitic argillite
  - T7 Argillaceous chert
  - T7A Chert
  - T8 Mafic tuff
  - T9 Ultramafic rock
  - T10 Mafic dyke
  - T11 Lamprophyre
  - T12 Massive sulphide
  - T13 Mudstone
  - OVB Overburden
  - WALT Weakly altered
  - MALT Moderately altered
  - SALT Strongly altered
  - W With
  - SEC Secondary
  - FZ Fault zone
  - ASPY Arsenopyrite
  - GFC Graphitic
-  Mineralized Zone  
 Fault

LOGICAL BRANCH  
ASSESSMENT REPORT

24,275

Cyprus Canada Inc.  
A Cyprus Amex Company

**CROSS SECTION 22+50W**  
LOOKING WEST  
TAURUS PROPERTY  
LIARD MINING DIVISION, B.C.

|                     |          |                            |                    |
|---------------------|----------|----------------------------|--------------------|
| Drawn: D.J.B.       | Checked: | Scale: 1:500               | Drawing: SECTION 3 |
| Date: JAN. 21, 1995 | Revised: | Province: British Columbia | NTS: 104P/75E      |

0 25 50M

*David Bridge*