CYPRUS CANADA INC.

## REPORT ON DIAMOND DRILLING

 ON THE TAURUS PROPERTY, ATLAS 1-12, BES 3-4, COOT 1-4, COPCO 1-6, DOR 1, HANNA9, HOPEFULL 1-4, MACK 1-4, MISS DAISY 1-2, ROY 1-4, and THRUSH, LIARD MINING DIVISION, NORTHERN BRITISH COLUMBIA (104P/5E) LAT. $59^{\circ} 16^{\prime} 19^{\prime \prime} \mathrm{N}$, LONG. $129^{\circ} 42^{\prime} 4^{\prime \prime} \mathrm{W}$
## MOLOGICIEBRANE: -SSESSMENTREPOR:



FILMED

Claims owned by : INTERNATIONAL TAURUS RESOURCES INC. AND CUSAC GOLD MINES LTD.
Operator : CYPRUS CANADA INC.

JANUARY 26, 1996
Vancouver, B.C.
David J. Bridge David Broughton

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TAURUS PROPERTY, LIARD MINING DIVISION, 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 covers the mineral claims owned by International Taurus Resources Ltd and 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.

Six NQ3 diamond drill holes are filed in this report totalling 936.1m of drilling.

## LOCATION

The Taurus Property is located 8 kilometres east of the townsite of Cassiar in northwestern British Columbia (Figure 1). Access to the property is via the paved Cassiar branch of Highway 37 from Watson Lake or Dease Lake.

## 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. These claims and others surrounding them were explored intermittently, with major diamond drilling programs in 1993 and 1994.

In 1981, the Taurus Mine started milling operations and mined 240000 tons of ore averaging 0.15 oz . Au/ton before closing in 1988 (Howell and Bridge, 1995).


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


The Plaza underground workings were active in 1980, 1981, 1984, 1986 and 1988. The Sable underground working were active in 1986, 1993 and 1994. Neither the Plaza nor the Sable recorded production.

In 1993, International Taurus Resources Inc. drilled forty-six holes totalling 2659 metres on the property, which was followed by 88 holes totalling 7517.5 metres in 1994.

Cyprus Canada Inc. entered into joint venture agreement with International Taurus Resources Inc. early in 1995, to explore their ground in the Cassiar area. Their claims cover the old Taurus, Plaza and Sable workings and surrounding area. In addition, Cyprus entered into a joint venture with Cusac Industries Ltd., on their claims surrounding the International Taurus claims.

## CLAIMS

Table 1 contains the mineral claims on which the credit from diamond drilling is being applied. 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 After Assessment <br> Credit |
| :--- | :---: | :---: |
| Atlas 1 | 227694 | $03 / 21 / 2005$ |
| Atlas 2 | 227695 | $03 / 21 / 2005$ |
| Atlas 3 | 227696 | $03 / 21 / 2005$ |
| Atlas 4 | 227697 | $03 / 21 / 2005$ |
| Atlas 5 | 227698 | $03 / 21 / 2005$ |
| Atlas 6 | 227699 | $03 / 21 / 2005$ |
| Atlas 7 | 227700 | $03 / 21 / 2005$ |
| Atlas 8 | 227701 | $03 / 21 / 2005$ |
| Atlas 9 | 227702 | $03 / 21 / 2005$ |
| Atlas 10 | 227703 | $03 / 21 / 2005$ |
| Atlas 11 | 227704 | $03 / 21 / 2005$ |
| Atlas 12 | 227705 | $03 / 21 / 2005$ |
| Bes 3 | 334916 | $03 / 30 / 2001$ |
| Bes 4 | 334917 | $03 / 30 / 2001$ |
| Coot 1 | 221870 | $09 / 10 / 2000$ |
| Coot 2 | 221871 | $09 / 10 / 2000$ |
| Coot 3 | 221872 | $09 / 10 / 2000$ |
| Coot 4 | 221873 | $09 / 10 / 2000$ |
| Copco 1 | 226208 | $09 / 29 / 2005$ |
| Copco 2 | 226209 | $09 / 29 / 2005$ |
| Copco 3 | 226210 | $09 / 29 / 2005$ |

TABLE 1 (CONTINUED)

| Mineral Claim | Record Number | Expiry Date After Assessment <br> Credit |
| :--- | :---: | :---: |
| Copco 4 | 226211 | $09 / 29 / 2005$ |
| Copco 5 | 226212 | $09 / 29 / 2005$ |
| Copco 6 | 226213 | $09 / 29 / 2005$ |
| Dor 1 | 227708 | $04 / 13 / 2004$ |
| Hanna9 | 221785 | $09 / 19 / 2005$ |
| Hopefull 1 | 226146 | $10 / 02 / 2005$ |
| Hopefull 2 | 226147 | $10 / 02 / 2005$ |
| Hopefull 3 | 226148 | $10 / 02 / 2005$ |
| Hopefull 4 | 226149 | $10 / 02 / 2005$ |
| Mack 1 | 226142 | $10 / 02 / 2005$ |
| Mack 2 | 226143 | $10 / 02 / 2005$ |
| Mack 3 | 226144 | $10 / 02 / 2005$ |
| Mack 4 | 226145 | $10 / 02 / 2005$ |
| Miss Daisy 1 | 331105 | $09 / 26 / 2005$ |
| Miss Daisy 2 | 331106 | $09 / 26 / 2005$ |
| Roy 1 | 227201 | $09 / 14 / 2005$ |
| Roy 2 | 227202 | $09 / 14 / 2005$ |
| Roy 3 | 227203 | $09 / 14 / 2005$ |
| Roy 4 | 227204 | $09 / 14 / 2005$ |
| Thrush | 226207 | $09 / 11 / 2005$ |

## REGIONAL GEOLOGY

The Taurus Property is located in the Sylvester allochthon which is a flat bottom 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 a Mississippean basalt flows, which structurally over lie Triassic Table Mountain sediments. 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

Six distinctive lithologies have been identified on the Taurus Property. Most of the property is underlain by massive basalt and magnetic pillow basalt which structurally overlies chert, argillaceous chert, argillite and mudstone. These
sediments are exposed in structural windows through the basalt, east of the Taurus Mine tailings ponds.

## Rock descriptions:

Basalt is dark to light green, aphantic to phaneritic massive rock (coded T1) which is exposed on surface thoughout 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 jasperoidal patches (coded T1a).

Magnetic pillow basalt (T1a) is a dark green with a purple tinge, magnetic, aphanitic rock displaying pillows with spherulitic jasperoidal patches. This rock commonly forms a unit usually located below the massive basalt.

Chert (T7) is well banded with layers $1-4 \mathrm{~cm}$ 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 (T7a).

Mudstone (T13) is soft, very fine grained, light green unit and is only known to be located below the massive basalt south of the collar of T95-75. This unit may be the precursor to the chert unit.

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 $340^{\circ}$ and dips steeply, throughout the Taurus Property. The intensity of the foliation locally increases towards the eastwest 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, chert and mudstone; (2) north-trending, shallow east-dipping faults form a series of imbricated thrusts across the central property area, at least one of which, the Decline Fault in the Taurus Mine workings, is mineralized; and (3) steeply dipping north-westerly trending faults that cut mineralized zones. These fault were recognised by Read and Psutka (1983).

## Alteration:

Un-mineralized massive basalt and pillow basalt have a pervasive chlorite +/calcite +/- epidote or zoisite? alteration which is the regional lower greenschist metamorphic overprint (Nelson and Bradford, 1993). These units have local,
minor to rare chlorite - pyrrhotite +/- chalcopyrite veinlets or epidote - jasperoid 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, and the ankerite may form rhombs up to 1 mm . Variably altered basalt with no sulphides is coded as unit T2.

A second type of kaolinitic alteration is also present, and appears associated with carbonate veining, locally with weak mineralization.

## Mineralization:

Two main types of gold mineralization occur within the host basalt: quartz vein type (T4) and disseminated pyrite type (T3).

The most common, quartz vein type (T4), occurs throughout the central property area. It consists of 2 to 30 metre wide zones containing 5 to 15 percent narrow quartz-carbonate veins and 1 to 10 percent fine to coarse pyritohedrons, disseminated in the wallrock. The quartz veins contain minor pyrite, tetrahedrite, chalcopyrite, sphalerite, and local native gold. Gold also occurs in association with the wallrock pyrite and associated minor arsenopyrite. The quartz veins strike roughly east-west and dip steeply, and form numerous "stacked" zones, separated by unaltered or unmineralized basalt.

Larger, 10 centimetre to multimetre wide "bull" quartz veins (T5) appear to be a subtype of the quartz vein type mineralization, and in some cases post-date the wallrock pyritohedral mineralization.

The second type of disseminated, "dusty" pyrite mineralization (T3) contains 10 to 40 percent very fine grained "dusty" pyrite, locally with a banded texture, and only minor, generally unmineralized quartz veins. This disseminated mineralization is broadly related to shallow, east-dipping thrusts, but is also mapped as steeply dipping, east-west zones, similar in geometry to the quartz vein style mineralization. To date it has been recognized in the Taurus West area (line 11 W ), and in the lowest part of the Taurus Mine decline (2E).

The flat-lying cherty sediments that structurally underlie the host basalts are weakly mineralized with trace to one percent fine disseminated pyrite. The steeply dipping quartz vein zones are interpreted to terminate against this basal contact.

Three main areas of mineralization are recognized in the central Taurus Property area: the 88 Hill, Taurus Mine and Taurus West zones. These occur over an area of roughly two square kilometres, from 13 W to 5 E , and $0+00$ to 1000 N . The 88 Hill lies south of the highway, and includes the old Sable and Plaza workings.

The Taurus West area lies along strike from the Taurus Mine, north of the highway.

## DRILL HOLE GEOLOGY

Diamond drilling on the Taurus Property evaluated the gold mineralization in the 88 Hill and Taurus Mine zones. The drill core is stored in racks at the Taurus Camp.

Cross sections 1 through 4 show the traces of the drill holes across the mineral claims owned by International Taurus Resources Ltd filed in this assessment report. The sections show 2 to 30 metre wide mineralization - alteration zones in massive basalt lying above chert, argillite, mudstone or magnetic pillow basalt.

Cross sections 1 (4E) and 2 (5E) show traces of drill holes near the Taurus Mine workings. Section 1 shows drill hole T95-37 which passes below the Taurus Mine workings and intersected $0.36 \mathrm{~g} / \mathrm{t}$ Au from 12.0 to 84.0 m . Section 2 shows hole T95-39 which passes above and east of the mine workings. The drill hole intersected $0.58 \mathrm{~g} / \mathrm{t}$ Au from 16.0 to 48.0 m of alternating zones of T 4 mineralization and un-mineralized basalt. The first T4 interval graded $1.23 \mathrm{~g} / \mathrm{t} \mathrm{Au}$ over 10m.

Cross sections 3 (5W) and 4 (7W) show traces of drill holes across the 88 Zone. Section 3 shows that the mineralization is underlain by magnetic basalt south of $2+20 \mathrm{~N}$ and by chert between $2+80 \mathrm{~N}$ and $4+00 \mathrm{~N}$. Section 4 shows a magnetic basalt unit beneath the mineralized volcanics.

Cross section 3 shows drill holes T95-75 and T95-76 which intersected alternating zones of T4 mineralization and unaltered basalt. T95-75 returned $1.59 \mathrm{~g} / \mathrm{t}$ Au from 32.0 to 112.0 including higher grade intervals of $6.2 \mathrm{~g} / \mathrm{t}$ over $6.0 \mathrm{~m}, 3.78 \mathrm{~g} / \mathrm{t}$ over 20 m and $0.83 \mathrm{~g} / \mathrm{t}$ over 10 m . T95-76 returned $0.47 \mathrm{~g} / \mathrm{t} \mathrm{Au}$ from 56.0 to 136.0 m including intervals of $1.15 \mathrm{~g} / \mathrm{t}$ over $10 \mathrm{~m}, 0.97 \mathrm{~g} / \mathrm{t}$ over 4 m and $0.97 \mathrm{~g} / \mathrm{t}$ over 18.0 m .

Cross section 4 shows drill holes T95-77 and T95-78. T95-77 intersected two zones of T 4 mineralization, which returned $1.94 \mathrm{~g} / \mathrm{t} \mathrm{Au}$ from 110.0 to 118.0 metres and $0.976 \mathrm{~g} / \mathrm{t}$ Au from 156.0 to 160.0 metres. T95-78 intersected T4 mineralization which returned $0.59 \mathrm{~g} / \mathrm{t}$ Au from 12.0 to 72.0 m , with a higher grade interval of $1.77 \mathrm{~g} / \mathrm{t}$.

## CONCLUSIONS

Two types of gold mineralization are present on the Taurus Property, hosted by massive basalt. Quartz vein type mineralization occurs throughout the central property area, and forms east-west striking, steeply dipping zones of sheeted, narrow veins, carbonate-sericite alteration, and fine to coarse pyritohedra. Disseminated pyritic mineralization consists of very fine "dusty" pyrite, lacks quartz veins, and occurs only at Taurus West and in the lower part of the Taurus Mine.

Cyprus Canada Inc. is exploring the Taurus Property for a potential bulk tonnage, low grade gold deposit. The 1995 drill program confirms that mineralization occurs over an area of at least two square kilometres, as stacked zones separated by barren basalt. Plans are underway for a follow-up program in 1996, to confirm grade and continuity of these zones.


## STATEMENT OF COSTS

## Period of Work:

August 6 - August 13, 1995 and September 29 - October 8, 1995
936.1 metres of diamond drilling in six holes

Work Done By:
D.J. Drilling Co. Ltd.

2115-129 ${ }^{\text {th }}$ St.,
S. Surrey, B.C. V4A 8H6

Drilling Costs

| Drill hole | Metres | Drilling | Mud | Tests | Liq. Mud | Stand By | Total |
| :---: | :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| T95-37 | 147.30 | $\$ 8,248.08$ | $\$ 855$ | $\$ 100$ | $\$ 150$ | $\$ 1,710$ | $\$ 11,063.08$ |
| T95-39 | 192.30 | $10,906.77$ |  |  | 450 | 180 | $11,536.77$ |
| T95-75 | 130.15 | $7,508.89$ | 60 | 150 | 300 | 180 | $8,198.89$ |
| T95-76 | 160.94 | $9,099.37$ | 75 | 150 | 450 |  | $9,774.37$ |
| T95-77 | 177.09 | $10,001.59$ | 75 | 150 | 600 |  | $10,826.59$ |
| T95-78 | 128.32 | $7,184.09$ |  | 150 | 300 |  | $7,634.09$ |


| Drill hole | Demobilization <br> Cost | Core boxes | Moves | Cat | Total Cost |
| :---: | :---: | :---: | :---: | :---: | :---: |
| T95-37 | $\$ 53.13$ | $\$ 225$ | $\$ 90$ | $\$ 95$ | $\$ 11,526.21$ |
| T95-39 | 53.13 | 297 | 90 | 95 | $12,071.90$ |
| T95-75 | 53.13 | 207 | 90 |  | $8,549.02$ |
| T95-76 | 53.13 | 243 |  |  | $10,070.50$ |
| T95-77 | 53.13 | 261 |  |  | $11,140.74$ |
| T95-78 | 53.13 | 198 |  |  | $7,885.22$ |

Sub Total
\$51,243.57
Assays: $\quad \begin{array}{ll}\text { Chemex Labs Ltd. } \\ & 212 \text { Brooksbank Ave. } \\ & \text { N. Vancouver, B.C. V7J 2C1 } \\ & \text { Samples assayed for Au g/t } \\ & 430 @ \$ 21.50 \text { per sample }=\$ 9,245.00\end{array}$
Grand Total
$\$ 60,488.57$

## 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 maparea (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 17062004 Fullerton Ave., N. Vancouver, B.C.
2. I am registered as an Engineer in training with APEGBC.
3. I have a MASc 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, Xiangdong Jiang of Cyprus Canada Inc. do hereby certify that:

1. I am a contract geologist with Cyprus Canada Inc. and reside at 5900 Granville Avenue, Richmond, B.C. V7C 1 E9.
2. I have a BSc from the Changchun College of Geology, China in 1982.
3. I have ten years experience working as a geologist in China and Canada.
4. I have been employed as a contract geologist with Cyprus Canada Inc. since 1994.
5. I worked intermittently on the Taurus Property between July and October, 1995.

Respectively,

Xiangdong Jiang
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


David W. Broughton
Cyprus Canada Inc.

January, 1996
Vancouver, B.C.

## STATEMENT OF QUALIFICATIONS

I, Ronald D. Fenlon 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 Lakehead University, where I received a Bachelor of Science (Bsc Geol.) in 1985.
3. I have been employed in exploration geology since 1981, and have 10 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,

Ronald D. Fenlon
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



T95-37 (continued)
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T95-37 (continued)
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T95-37 (continued)
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T95-39 (continued)



| T95-75 | (continued) |  |  |  |  |  |  | Page: | 2 | of 6 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \|| From || To || | Geology | \||Sample\| From | To | $\\|$ Lngth |  |  | \|FGPY | CGPY $\\|$ | QV | \|| SG || | AU |
| \|| (m) || (m) || |  | $\\|$ \|| (m) | \\| (m) | 11 (m) | \& | * \\| | \|| $\quad \\|$ | \| \% || | 7 | $\\|g / c c\\|$ | g/t |
| Comen |  | 1 |  | $\square$ |  |  |  |  |  |  |  |
| $\\|$ \|| |  | - |  | 1 |  |  | \|| || | - |  | \|| || |  |
| \|| || || |  | $\\|$ \|| | II | , | \|I |  | II | II |  | \|| || |  |
| \|| $64.80\|\|171.63\|\|$ | Altered mafic flow strongly altered | \|| | \|| | \|| | | \|| | \| | II | \| || |  | \|| || |  |
| \|| || || |  | \|| || |  | , | II |  | \|| | \| || |  | \|| |  |
| \\| 71.63 || $74.98 \\|$ | ALTERED MAFIC flow pyritic Quartz vein mineralized zone strongly altered | \| || | \|| | d | 1 | \|| | , | \| || |  | \|| || |  |
| \|| || || |  | \|| || | II | \|| | \\| |  | , | \| || |  | \|| || |  |
| \\| 74.98 || $79.30 \\|$ | Altered mafic flow weakly altered | \|| || | \|| | II | \\| | 1 | \|| | II |  | \|| || |  |
| \|| || || |  | \|| || | II | II | II | 1 | , | \| || |  | II II |  |
| \\| $79.30\\|80.87\\|$ | PYRITIC QUARTZ VEIN MINERALIZED zone Strongly altered | \|| || | \|| | II | \\| | II | II | II |  | \|| |  |
| \|| || || |  | \\| | \\| | II | \\| | - |  | \| || |  | \|| || |  |
| \|| 80.87 || $89.30 \\|$ | Altered mafic flow strongly altered weak pyritic quartz vein mineralized | II \|| | II | II | \|| | $\\|$ | \|| || |  |  | \|||| |  |
| \|| || || | zone strongly altered | \|| || | \|| | I | I | \\| | \|| | \| || |  | \|| || |  |
| $\left\\|\left\\|^{\mid 1}\right\\|^{\| \|}\right.$ | FIC FLOW PYRITIC QuARTZ vEIN MINERALIZED zONE STRONGL | \|| || | 1 | II | \\| | \\| |  | \| || |  | \|| \| |  |
| \|| $89.30\|\mid 110.90 \\|$ | SHEARED ALTERED MAFIC FLOW PYRITIC QUARTZ VEIN MINERALIZED zone strongly | \|| \| | \|| | II | \\| | I |  | \| || |  | \|| || |  |
| \|| || || | ALTERED | \|| || | \|| | II | II | , | II \\| | \| || |  | \|| || |  |
| \|| || || |  | \|| || | \|| | \|| | II | II | \|| || | \| || |  | \|| || |  |
| \||120.90||217.10|| | CHERT | \|| || | 1 | , | , | \|| | \|| || | \| || |  | \|| || |  |
| \|| || || |  | \|| ! | 1 | II | \\| | II | $\\|$ | \| II |  | \|| || |  |
| \|117.10||130.15|| | ARGILLACEOUS CHERT | \|| || | \|| | 1 | , | \|| | \|| || | \| |  | \|| || |  |
| \|| || || |  | \|| || | \\| | \|| | II | I | \|| || |  |  | \|| || |  |
| \|| || || |  | \|| || | \|| | \|| | \|| |  | \|| || | , |  | \|| || |  |
| \|| || || |  | \|| || | \|| | 1 | \\| | IV \|| | \|| || | , |  | \|| \| |  |
| \|| || || |  | \|| || | II | \\| | \|| | , | I | I |  | \|| || |  |
| \| || || |  | \|| || | \|| | \|| | \% | \| 1 | , | 1 |  | \|| || |  |
| \|| || || |  | \|| || | $\\|$ | \| | \|| | $\\|$ \|| | , | \| |  | \| || |  |
| \|| || || |  | \|| || | \\| | $\\|$ | \\| |  | I | II |  | \|| || |  |
| \|| || || |  | \|| || | \\| | \|| | II |  | \|| || | , |  | \|| || |  |
| \|| || || |  | \|| \| | $\\|$ | \\| | \\| | \|| | \|| \| | , |  | $\\|$ |  |
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T95-76 (continued)
Page: 6 of 7

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7 of 7




T95-77 (continued)
Page: 3 of 8









T95-78 (continued)
Page: 3 of 6



T95-78 (continued)
Page: 5 of 6


T95-78 (continued)
Page: 6 of 6


## APPENDIX

## ASSAY CERTIFICATES

## Chemex Labs Ltd.

Analytical Chemists ${ }^{\circ}$ Geochemists * Registered Assayers
212 Brooksbank Ave., British Columbia, Canada North Vancouver PHONE: 604-984-0221 FAX: 604-984-0218
-: CYPRUS CANADA INC
322 WATER ST.
322 WA
V6B 186
A9526026

Comments: ATTN: DAVID BROUGHTON

| CERTIFICATE |
| :--- | A9526026

(MVM) - CYPRUS CANADA INC.
Project: TAURUS ENGPO 391
PO.\#:
Samples submitted to our lab in Vancouver, BC. This report was printed on 30-AUG-95.

| SAMPLE PREPARATION |  |  |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { CHEMEX } \\ & \text { CODE } \end{aligned}$ | NUMBER SAMPLES | DESCRIPTION |
| 208 | 228 | Assay ring to approx 150 mesh |
| 294 | 228 | 4-7 Kg crush and split |
| 3202 | 228 | Rock - save entire reject |
| 231 | 228 | $4-6 \mathrm{Kg}-60$ mesh crush |
| 251 | 12 | Pulp splitting charge |
| 214 | 12 | Rcva as pulp; mesh size checked |

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.


## Chemex Labs Ltd.

Analyical Chemists * Geochemists * Registered Assayers
$\qquad$ 212 Brooksbank Ave., North Vancouve PHONE: 604-984-0221 FAX: 604-984-0218
o: CYPRUS CANADA INC.
322 WATER ST. VANCOUVER, BC V6B 1 B6
roject:
TAURUS ENGPO 391
Comments: ATTN: DAVID BROUGHTON

Page Nuı,.ver Total Pages Certificate Date: $30-A U G-95$ Invoice No. : I 9526026 P.O. Number Account :MVM

CERTIFICATE OF ANALYSIS A9526026

| SAMPLE | $\begin{aligned} & \text { PREP } \\ & \text { CODE } \end{aligned}$ | Au g/t FA+AA | Au check | Au check | $\begin{aligned} & \mathrm{Au} \mathrm{FA} \\ & \mathrm{~g} / \mathrm{t} \end{aligned}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



## Chemex Labs Ltd.

Analytical Chemists ${ }^{\text {' Geochemists }}$ ' Registered Assayers
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O: CYPRUS CANADA INC.
322 WATER ST
VANCOUVER, BC V6B $1 B 6$
Project:
TAURUS ENGPO 391
Comments: ATTN: DAVID BROUGHTON

Page Nu., ver :5 Total Pages Certificate Date: $30-A \cup G-95$ Invoice No. P.O. Number: 19526026 Account

CERTIFICATE OF ANALYSIS A9526026


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Analytical Chemists ' Geochemist * Registered Assayers
212 Brooksbank Ave., British Columbia, Canad PHONE. 604-98, Canada V7J 2C PHONE: 604-984-0221 FAX: 604-984-0218

- CYPRUS CANADA INC.

322 WATER ST.
322 WATER ST. VANCOU
VB $1 B 6$

Project: Comments: TAURUS ENGPO 391 ATTN: DAVID BROUGHTON

Page Nu, or :6 Total Pages : Certificate Date: 30-AUG-95 Invoice No. P.O. Number: 19526026 Account

CERTIFICATE OF ANALYSIS
A9526026


## Chemex Labs Ltd.

Analyical Chemists ${ }^{*}$ Geochemists ${ }^{*}$ Reglstered Assayers
212 Brooksbank Ave., British Columbia, Canada North Vancouver PHONE. 604-984-0221 FAX. 604-984 2C PHONE: 604-984-0221 FAX: 604-984-0218

O: CYPRUS CANADA INC.
322 WATER ST.
VANCOUVER, BC
V68 1B6

Comments: ATTN: DAVID BROUGHTON


Code 1000 is used for repeat gold aralyaes It hows typical sample varlability due to It shows typical sample variability due to correct for its particular ubsample.


Chemex Labs Ltd.
O: CYPRUS CANADA INC
322 WATER ST.
VANCOUVER, BC
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Total Pages Totalifages Certificate Date: 08-SEP-95 VANCOUVER, BC Invoice No P.O. Number : 19527019

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Chemex Labs Ltd.
Analytical Chemists • Geochemists * Registered Assayers
12 Brooksbank Ave.
British Columbia, Canada
PHONE: 604-984-0221 FAX: 604-984 2C

0: CYPRUS CANADA INC.
322 WATER ST. VANCOUVER, BC Page NL er : 4 Certificate Date: 08-SEP-95 Invoice No. :I 9527019 P.O. Number Account
Project: TAURUS ENGPO 391
Comments: ATTN: DAVID BROUGHTON

CERTIFICATE OF ANALYSIS A9527019


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o: CYPRUS CANADA INC.
322 WATER ST
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## Chemex Labs Ltd.

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212 Brooksbank Ave.
British Columbia Canada
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PHONE: 604-984-0221 FAX: 604-984-0218
©: CYPRUS CANADA INC
322 WATER ST.
VANCOUVER, BC
V6B 1 B6

Comments: ATTN: DAVID BROUGHTON


Analytical Chemists * Geochemist * Registered Assayers
io: CYPRUS CANADA INC.
322 WATER ST
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Certificate Date: 20-OCT-95 Invoice No. : 19531078 P.O. Number

Account V6B 186
Project :
TAURUS ENGPO 391 ATTN: DAVID BROUGHTON
CERTIFICATE OF ANALYSIS A9531078

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## Chemex Labs Ltd.

Analyical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave.,
British Columbia, Canada North Vancouver
PHONE: 604-984-0221 FAX: 604-984-0218

CYPRUS CANADA INC.
322 WATER ST
VANCOUVER, BC
V6B 1 B6
A9531390

Comments: ATTN: DAVID BROUGHTON

| ANALYTICAL PROCEDURES |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { CHEMEX } \\ & \text { CODE } \end{aligned}$ | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMI | UPPER LIMT |
| $\begin{array}{r} 881 \\ 885 \\ 887 \\ 889 \\ 888 \\ 1350 \end{array}$ | $\begin{aligned} & 2 \\ & 2 \\ & 2 \\ & 2 \\ & 2 \\ & 0 \end{aligned}$ | Au g/t: Total, metallics calc. Au-g/t: Hotallice calc. <br> Au + mg: Metallias calculation Weight-g: Metalilos caloulation Welght+ g: Metalilos caloulation Au chock analyais | FA-ARS/GRAV <br> FA-RAS/GRAV <br> FA-RAS/GRAV <br> BAINANCE <br> BALANCE | $\begin{array}{r} 0.07 \\ 0.07 \\ 0.002 \\ 0.01 \\ 0.005 \end{array}$ | $\begin{array}{r} 500.00 \\ 500.00 \\ 50.000 \\ N / \lambda \\ N / \lambda \\ 10000 \end{array}$ |
|  |  | $1$ |  |  |  |

Anaytical Chemists * Geochemists * Registered Assayers
O: CYPRUS CANADA INC
*PLEASE NOTE


Chemex Labs Ltd.
Anayrical Chemists * Geochemists ${ }^{\circ}$ Registered Assayers 212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218

O: CYPRUS CANADA INC.
322 WATER ST
VANCOUVER, BC
V6B 1 B6

Comments: ATTN: DAVID BROUGHTON

| CERTIFICATE | A9531391. |
| :--- | :--- |

(MVM) - CYPRUS CANADA INC.
Project: TAURUS ENGPO 391
P.O. \#:
samples subaitted to our lab in Vancourar, BC. This report was printed on 27-0CT-95.

| SAMPLE PREPARATION |  |  |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { CHEMEX } \\ & \text { CODE } \end{aligned}$ | NUMBER SAMPLES | DESCRIPTION |
| 208 294 | 199 199 | Asay ring to approx 150 mesh |
| 3202 | 199 | Rock - save ontire reject |
| 231 | 299 | $4-6 \mathrm{Kg}-60 \mathrm{mosh}$ crush |
| 251 | 11 |  |
| 214 | 10 | Revd as pulp, menh mize cheoked |

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


## Chemex Labs Ltd.

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212 Brooksbank Ave.
British Columbia, Canada
PHONE: 604-98, V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

- CYPRUS CANADA INC

322 WATER ST
VANCOUVER, BC V6B1B6

Project : TAURUS ENGPO 391 Comments: ATTN: DAVID BROUGHTON
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Certificate Date: 27-OCT-95
Certificate Date: $27-\mathrm{OCT}-95$
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Analytical Chemists " Geochemists * Registered Assayers
212 Brooksbank Ave.,
British Columbia, Canada North Vancouver V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218
io: CYPRUS CANADA INO
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VANCOUVER, BC
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Project: TAURUS ENGPO 391
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$\qquad$
British Columbia, Canada PHONE: North Vancouver PHONE: 604-984-0221 FAX: 604-984-0218
io: CYPRUS CANADA INC.
322 WATER ST. VANCOUVER, BC VG 186
Project: TAURUS ENGPO 391 Comments: ATTN: DAVID BROUGHTON
**PLEASE NOTE


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io: CYPRUS CANADA INC.
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VANCOUVER, BC V6B 1B6
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10: CYPRUS CANADA INC.
322 WATER ST. VANCOUVER, BC V68 1B6
Project: TAURUSENGPO 391
Comments: ATTN: DAVID BROUGHTON

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**SAMPLE 37713 EXHIBITS GOLD NUGGET EFFECT

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10. CYPRUS CANADA INC
322 WATER ST.
VANCOUVER, BC
V6B 1 B6
ect : TAURUS ENGPO 391
ments: ATTN: DAVID BROUGHTON

Comments ATTN: DAVID BROUGHTON


## Chemex Labs Ltd.

Analytical Chemlsts * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver Bntish Columbia, Canada
PHONE: 604-984-0221 FAX: 604-984-0218
o: CYPRUS CANADA INC.
322 WATER ST.
VANCOUVER, BC V6B 1 B6

| CERTIFICATE | A9531752 |
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(MVM) - CYPRUS CANADA INC.
Project: TAURUS ENGPO 391
P.O. \#:

Samples submitted to our lab in Vancourer, BC.
This report was printed on 27-0cT-95.

| SAMPLE PREPARATION |  |  |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { CHEMEX } \\ & \text { CODE } \end{aligned}$ | NUMBER SAMPLES | DESCRIPTION |
| 208 | 96 | Assay ring to approx 150 mesh |
| 294 | 96 | 4-7 Kg crush and uplit |
| 3202 | 96 | Rock - save entire reject |
| 231 | 96 | 4-6 $\mathrm{Kg}-60 \mathrm{mosh}$ crush |
| 251 | 6 | Pulp aplitting charge |
| 214 | 5 | Revd as pulp; mazh size checked |

Code 1000 is used for repeat gold analyses It shows typical sample variability due to coarse gold effects. correct for its particuiar subsamplo.


Chemex Labs Ltd.
AnaMitcal Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave.
British Columbia, Canada
PHONE: 604-984-0221 FAX: V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218
[०: CYPRUS CANADA INC
322 WATER ST VANCOUVER, BC V6B 1B6

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Comments: ATTN: DAVID BROUGHTON


## Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers 212 Brooksbank Ave., British Columbia, Canada North Vancouver V7J 2C1
$984-0218$

O: CYpRUS CANADA INC
322 WATER ST.
VANCOUVER, BC
V6B1B6
Project:
TAURUS ENGPO 391
Comments: ATTN: DAVID BROUGHTON

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Certificate Date: 27-OCT-95
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Analytical Chemists * Geochemists * Registered Assayers

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