

MINERAL TITLES BRANCH  
Rec'd.  
DEC 12 2002  
VANCOUVER, B.C.

**Bright Star Ventures Ltd.**

**Summary of Exploration Activities**

**on the Amy, Buck and Pine Claims**

**for the Period**

**from June 10<sup>th</sup> 2002 to September 1<sup>st</sup>, 2002**

**November 19, 2002** **William Yeomans, P. Geol.**  
ASSOCIATE

26,970

# **Table of Contents**

<b>1.0</b>	<b>Introduction</b>
<b>2.0</b>	<b>Property Location and Access</b>
<b>3.0</b>	<b>Previous Work</b>
<b>4.0</b>	<b>Regional Geology</b>
<b>5.0</b>	<b>Property Geology – Alaskan-Type Ultramafic Complexes</b>
<b>5.1</b>	<b>Mafic Intrusives</b>
<b>5.1a</b>	<b>Gabbros</b>
<b>5.2</b>	<b>Ultramafic Rocks</b>
<b>5.2a</b>	<b>Olivine Clinopyroxenite</b>
<b>5.2b</b>	<b>Hornblende Clinopyroxenite</b>
<b>6.0</b>	<b>Soil Geochemistry Survey Results</b>
<b>7.0</b>	<b>Conclusions and Recommendations</b>
<b>8.0</b>	<b>References</b>

## **List of Figures**

- Figure 1**            **1:250,000 Scale Location Map**
- Figure 2**            **1:100,000 Scale Claim Map**
- Figure 3**            **Geological Setting of the Tulameen Complex**
- Figure 4**            **Tulameen Complex – General Geology**
- Figure 5**            **General Geology and Soil Sample Locations**
- Figure 6a**           **Grid One : B-Horizon Au (ppb) in Soils**
- Figure 6b**           **Grid One : B-Horizon Pd (ppb) in Soils**
- Figure 6c**           **Grid One : B-Horizon Pt (ppb) in Soils**
- Figure 6d**           **B-Horizon ICP Cu (ppm) in Soils**

## **List of Tables**

- Table 1**                **List of Claims**

## **Appendices**

- Appendix A**           **Summary of Expenses – Grid One**
- Appendix B**           **Eco Tech Assay Results – Grid One**
- Appendix C**           **Statement of Qualifications**

## **1.0 Introduction**

Bright Star Ventures Ltd. optioned the Amy #3, Amy #6 to Amy #9 (inclusive), and Buck 1 to Buck11 (inclusive), Buck 13, Buck 15, and Pine #1 to Pine #4 (inclusive) and Pine #30 claims during the 2001 – 2002 filed seasons in order to evaluate the mineral potential of the Tulameen ultramafic complex. These claims occur in the Similkameen Mining Division, located approximately 21.5 kilometers west of the town of Princeton, in South Central British Columbia. These claims were optioned from Mr. Kenneth Burke and Peter Bernier, who both hold joint venture agreements with Bright Star Ventures Ltd. This property was subjected to line-cutting followed by a B-horizon soil survey and prospecting during the period from June 10<sup>th</sup> till September 1<sup>st</sup>, 2002. This report describes the results of the survey.

## **2.0 Property Location and Access**

The Tulameen ultramafic complex is located in the Cascade Mountains of southwestern British Columbia, approximately 26 kilometers northwest of the town of Princeton, B.C. The property is located on 1:20,000 scale NTS mapsheets M092H046, M092H056, M092H047, and M092H057, centered at approximately 49 degrees - 27' – 48" north latitude and 120 degrees – 48' – 34" west longitude. Access to the property is via a 16 km paved road from Princeton to Coalmont and then branching off to the south on the all-season Granite Creek road to seasonal logging roads that go to the headwaters of Blakeburn Creek. Elevations in the area range from approximately 3,000 feet asl along the Tulameen River valley, to more than 5,000 feet asl on Olivine Mountain. Major tributaries within the Tulameen River basin in the area of interest include Olivine, Granite and Blakeburn Creeks.

The majority of the property is covered by mature fir forest, although it is logged out in many areas. Forested areas are generally covered by glacial till. Glaciofluvial deposits have also been observed at lower elevations in the river valley. Non-glacial features include massive outcrops with little or no soil development, talus slopes and fluvial terraces. The region lies in a transition zone between the Cascade Mountains to the west and the Interior Plateau, located further to the east.

The climate is transitional between that of the dry southern interior and the much moister Cascade and Coast Mountain ranges located to the west. Summers are hot and dry while winters are cold with heavy snowfall at high elevations. Patches of snow can remain on the plateau areas of Olivine and Grasshopper Mountain until early June, and snowfalls can take place as early as mid-September. Figure 1 is a 1: 250,000 scale property location map for the BJP 1, 2, and 3 claims in the Tulameen area that were optioned in 2001 by Bright Star Ventures Ltd., while Figure 2 is a more detailed claim map of the property.

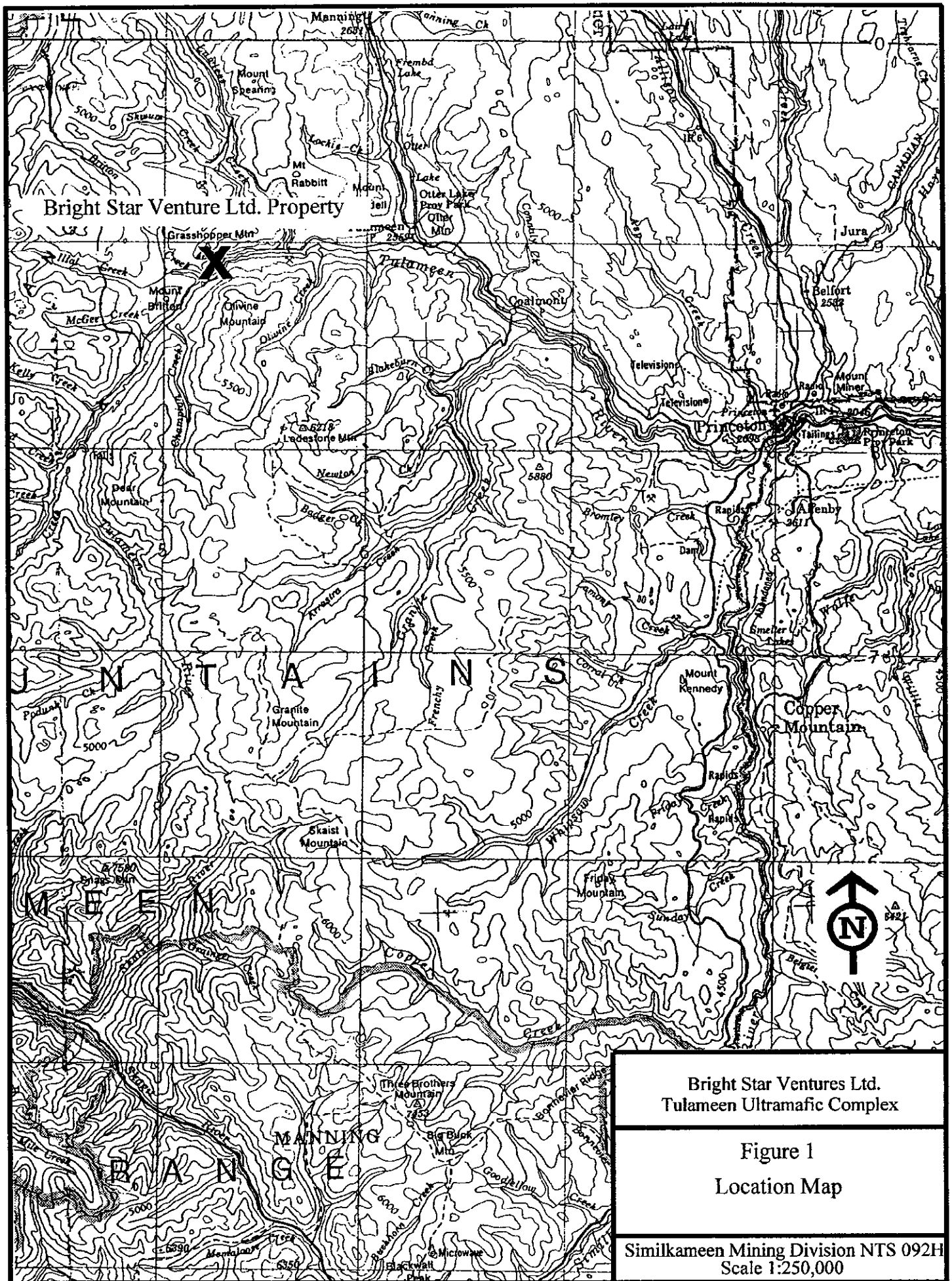
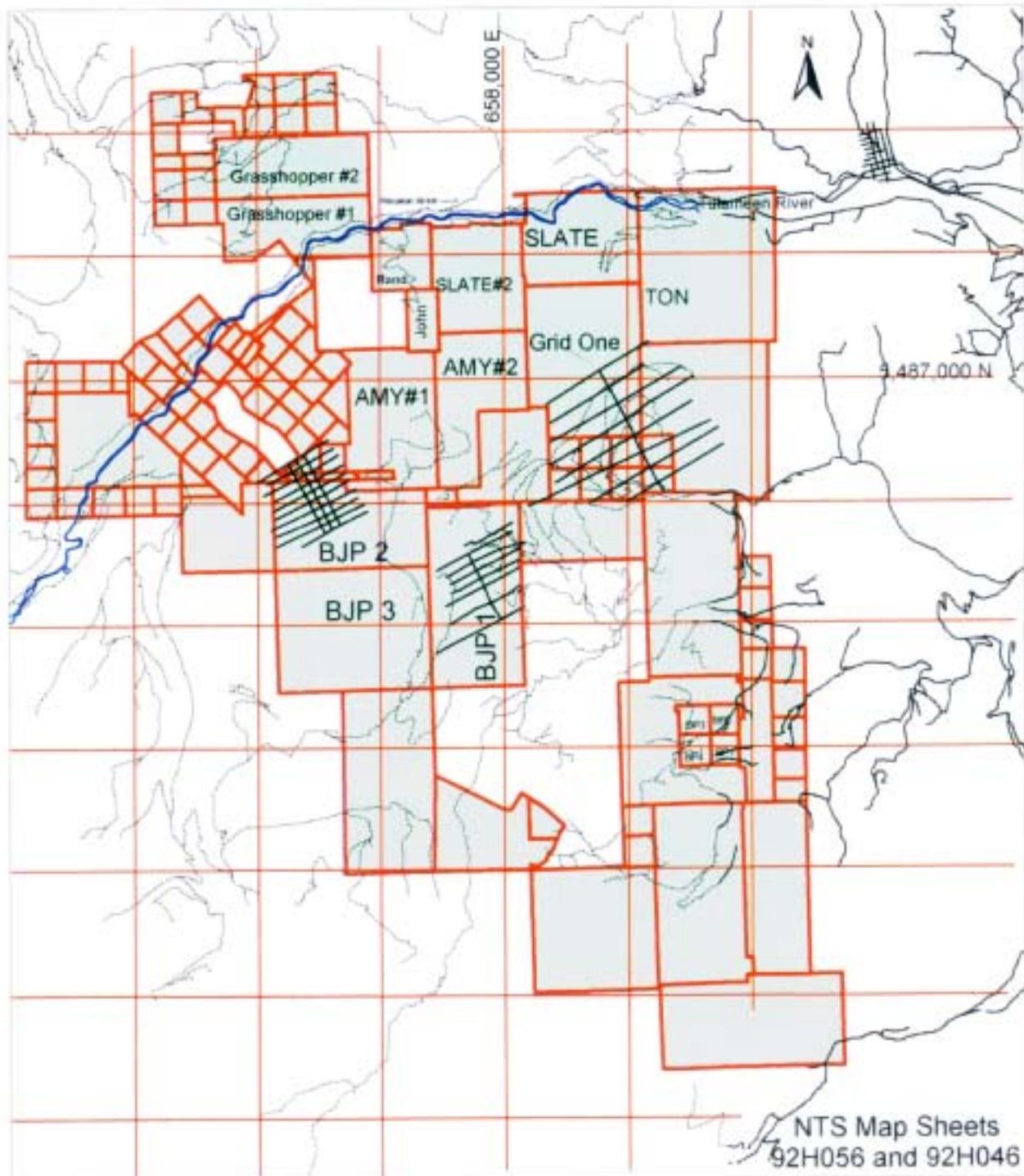


Figure 2. Bright Star Ventures Ltd. Claim Map



**LEGEND**

- 5 0 5 Kilometers
- 1:100,000
- NAD 83
- Rivers and Creeks
- Roads
- Claims - Bright Star Ventures Ltd.

Table 1 is a list of Claims for the property:

**Table 1. List of Claims**

Claim Name	Mining Division	Tenure No.	Owner No.	Map No.	Work Till	Units	Tag No.
BUCK 1	Similkameen	389349	102205	92H047	20030908	18	221331
BUCK 2	Similkameen	389470	102205	92H047	20030910	1	701822M
BUCK 3	Similkameen	389471	102205	92H047	20030910	1	701823M
BUCK 4	Similkameen	389472	102205	92H047	20030910	1	701824M
BUCK 5	Similkameen	389350	102205	92H047	20030908	1	221335
BUCK 6	Similkameen	389474	102205	92H047	20030911	18	221336
BUCK 7	Similkameen	389473	102205	92H046	20030911	8	221337
BUCK 8	Similkameen	389476	102205	92H046	20030910	1	684500M
BUCK 9	Similkameen	389477	102205	92H046	20030910	1	700008M
BUCK 10	Similkameen	389475	102205	92H046	20030910	16	221330
BUCK 11	Similkameen	390039	102205	92H047	20030913	18	240371
BUCK 13	Similkameen	389621	102205	92H047	20030916	12	240373
BUCK 15	Similkameen	390040	102205	92H046	20031002	9	221332
BUCK 49	Similkameen	372741	102205	92H046	20031003	1	691947M
AMY #3	Similkameen	389009	103729	92H056	20030803	20	120146
AMY #6	Similkameen	390250	103729	92H046	20030923	1	601144M
AMY #7	Similkameen	390251	103729	92H046	20030923	1	601145M
AMY #8	Similkameen	390252	103729	92H056	20030923	1	601146M
AMY #9	Similkameen	390253	103729	92H056	20030923	1	601147M
Pine #1	Similkameen	390246	103729	92H056	20030929	1	601148M
Pine #2	Similkameen	390247	103729	92H056	20030929	1	601149M
Pine #3	Similkameen	390248	103729	92H056	20030929	1	601150M
Pine #4	Similkameen	390249	103729	92H056	20030929	1	601157M
Pine #30	Similkameen	391467	103729	92H046	20031220	20	228181

### 3.0 Previous Work

One of the earliest gold rushes in Canadian history occurred along the Tulameen River and its tributaries during the summer of 1885. During that year, John Chance discovered coarse visible gold in surficial gravels along Granite Creek near the confluence with the Tulameen River. By October of that year the town of Granite City had grown to a population of 2000 people. Granite Creek was staked over a length of five miles to the south from the Tulameen River and sixty-two companies had alluvial mining operations in this area.

During the late 1800's the Tulameen District was the most important producer of platinum in North America. Platinum was recovered with the placer gold from the Tulameen River and her tributaries, including Granite, Cedar, Slate, Britton and Lawless Creeks. The platinum occurred as a fine, hard, silver-white lustrous metal with a high

specific gravity in the sluice boxes and gold pans, along with the gold and heavy concentrations of black sands (magnetite and chromitite). In some areas there was more platinum than gold in the concentrates. Platinum nuggets up to 0.5 ounces were found, and during the year 1888, 1,500 ounces of platinum was recovered. This gold / platinum rush subsided over the following ten years, and in 1907 a fire razed the town of Granite City, leaving only a few buildings remaining and abandoned at this time. Total platinum production from the alluvial operations was estimated to be approximately 20,000 ounces from the area between 1885 and 1934 (O'Neil and Gunning, 1934).

Preliminary geological investigations by government agencies in the Tulameen area included work by Kemp (1902) who examined the geological relationship between the alluvial platinum occurrences and the surrounding ultramafic rocks for the U.S. Geological Survey, while Camsell (1913) conducted several years of geological study of the Tulameen area for the Geological Survey of Canada. Poitevin (1924) examined similarities between the platinum-bearing rocks of the Tulameen area with similar ultramafic complexes that occur in the Ural Mountains of Russia.

O'Neill and Gunning (1934), Rice (1948), and Eastwood (1959) also made significant contributions to understanding the geological setting for platinum mineralization in the Tulameen area. Findlay (1969) conducted detailed petrological and geological studies and identified platinum minerals in bedrock during the course of his Ph. D. research on the Tulameen ultramafic complex. He established an association between chromite and platinum values in the central core of the intrusion. The mineralogical, geochemical, and petrological associations relative to the distribution of platinum group elements in the complex were also studied and documented by St. Louis (1982, 1986), and more recently by Rublee (1986, 1994).

Evenchick et. al., 1986, Nixon (1987, 1988, 1990.), and Nixon and Rublee (1987) classified the Tulameen Alaskan-type ultramafic complex as potential hosts for commercially exploitable deposits of platinum metals. The structural setting of this complex was documented and compared with other Alaskan-type ultramafic intrusions in Alaska and the Ural Mountains in Russia.

Nixon et. al.(1989), were able to trace the source of platinum nuggets in the Tulameen River to chromitite horizons within the dunite core of the Tulameen ultramafic complex by matching the phase chemistry of the gangue minerals spinel and olivine, in both alluvial nuggets and bedrock lode occurrences. Outcrops of dunite within the Tulameen ultramafic complex were metallurgically tested for the economic potential of the industrial mineral olivine. The Foundry Section of the Physical Metallurgy Research Laboratories in Ottawa (CANMET) conducted several tests on unaltered dunite samples. White (1987) reported that initial test results from the CANMET research were encouraging and that there is economic potential for the industrial mineral olivine on Grasshopper Mountain. These conclusions were based upon the results from coarse fractions ranging from 1.5 inches to 4.5 inches in size.



South of the Tulameen River, the ultramafic complex has been subjected to sporadic exploration programs for platinum group metals, iron, base metals and gold. Exploration companies and individual prospectors completed soil geochemistry surveys, ground magnetic, VLF-EM-16 geophysics and a very limited amount of diamond drilling. This area represents approximately 75% of the entire Tulameen ultramafic complex, yet it has remained highly under-explored to date. Poor access into this part of the complex inhibited the amount of exploration conducted in this part of British Columbia.

Early mineral exploration over the southern half of the complex commenced during the 1960's, with Fort Reliance Minerals Limited conducting prospecting, geological mapping and trenching over the ultrabasic rocks on four blocks of claims (Blocks A, B, C, and D) covering Olivine Mountain, Tanglewood Hill, and two areas located south and west of Lodestone Mountain. Exploration was directed towards copper and nickel occurrences, and several copper showings were discovered during this period. Two trenches were excavated on Claim Block "C", on claims FRM 92 and FRM 99, which are situated near the southern limit of the complex between Newton Creek and Arrastra Creek. Trench mapping and sampling revealed greater than 1% copper over widths of 6 meters.

North to northwest trending fracture zones within hornblende clinopyroxenite control the strike of sulfide mineralization. A "shattered zone" and minor quartz veining was plotted on the trench map, suggesting that there may have been brecciation and open space filling associated with the fracture system. Rhythmic layering was recognized in the clinopyroxenite. In the same report it was mentioned that Anaconda drilled a copper showing immediately south of Block "C", at a sulfide occurrence located along Arrastia Creek, near the very southern limit of the Tulameen ultramafic complex during this same period.

Inter Canadian Development Corp. optioned the Lode I, III and IV claim groups and earned in a 90% interest in the Lode II claim block (20 units). Allen (1987) collected 229 soil, silt and rock samples along three widely spaced reconnaissance lines. Soil samples were collected from B-Horizon soils from a depth of 20 to 40 centimeters every 50 meters. A Scintrex MP Proton magnetometer instrument was used to conduct a magnetometer survey along the same widely spaced lines. Allen (1987) noticed a broad general increase in magnetic readings towards the eastern margin of the complex. Allen and Brownlee (1989) conducted additional geophysical surveys over the area in 1988 and identified four VLF-EM-16 conductors within mafic to ultramafic rocks. Three of the four conductors are present on the BJP #1 claim block.

Two of the four conductors were spatially associated with elevated platinum, palladium, copper, nickel and chromium values in B-horizon soils that were collected during that program. During the next year follow-up B-horizon soil surveys confirmed the elevated and anomalous values that were obtained during the initial survey (Allen and Brownlee, 1989).

In late 1998 Aboriginal Investments acquired a 100% interest in claims BJP 1,2 and 3 which covered 53 units. Perry (1999) collected anomalous bedrock samples, mostly from outcroppings located within 200 meters of the overburden-covered VLF-EM-16

conductors. Values ranged up to 315 ppb Pt and 633 ppm Ni in fine-grained magnetite-rich hornblende pyroxenite. Some minor malachite staining was observed and sampled in the vicinity of the east-central conductor and slightly elevated Pt and Pd values were detected at the lab.

Lloyd Geophysics was hired to confirm the locations of the VLF-EM-16 anomalies and six trenches were demarcated in order to excavate and identify the cause for the electromagnetic anomalies. Thirteen B-horizon soils samples and 18 A-horizon humus soil samplers were collected and submitted for Pt-Pd-Au-Cu-Cr-Ni along with other elements which were analyzed by conventional fire assay, graphite furnace AA and multi-element ICP methods. Slightly elevated values of Pd and Cu in B-horizon soils were obtained in both the B-horizon soils and the humus samples in the vicinity of the east-central conductor. Highly anomalous Co and Ni values were obtained from A-horizon humus samples taken over the western conductor (See compilation map located in back pocket).

Trenches ranging in length from 35 to 80 meters in length and 0.5 to 5 meters in depth were excavated over the conductors using a JD 790 excavator. The east-central conductor was exposed in three separate trenches and a pyrite-bearing shear zone was exposed. Occasional malachite and a coarse grained cumulate pegmatite enriched in chalcopyrite was exposed. Sampling returned values up to 1.5% Cu, 50 ppb Au, 4600 ppb Ag and 30 ppb Pd in the cumulate pegmatite and in narrow, copper-rich quartz veins. Other anomalous Pt values were obtained within the excavated trench over the western conductor in magnetite-rich pyroxenite.

#### **4.0 Regional Geology**

Nixon and Rublee (1988) have reported that Alaskan-type ultramafic complexes in British Columbia are potential hosts for exploitable deposits of platinum metals. The Tulameen ultramafic complex is situated immediately west of the juncture between the Quenellia tectonostratigraphic terrane with the Mount Lytton complex, and is situated within the southwestern Intermontaine Belt. Early tertiary "transtensional" block faulting related to regional right-lateral transform movement that has taken place along the Fraser River - Straight Creek fault system (Monger, 1985).

The Tulameen ultramafic complex (TUC) covers an area of 64 square kilometers, which makes it the largest of all Alaskan-type ultramafic complexes that occur within the Intermontaine Belt. The TUC extends north-northwest for 20 kilometers between Grasshopper Mountain and Arrastrada Creek in the south, parallel to the contact between Upper Triassic Nicola Group volcanics and metasedimentary rocks, and the granitic terrane of the Eagle Plutonic complex located to the west. The Nicola Group volcanic host rocks in this region are generally intermediate to felsic in composition and belong to the western facies of the Upper Triassic Nicola volcanic assemblage (Nixon and Rublee, 1988). This assemblage has undergone greenschist to amphibolite grade metamorphism.

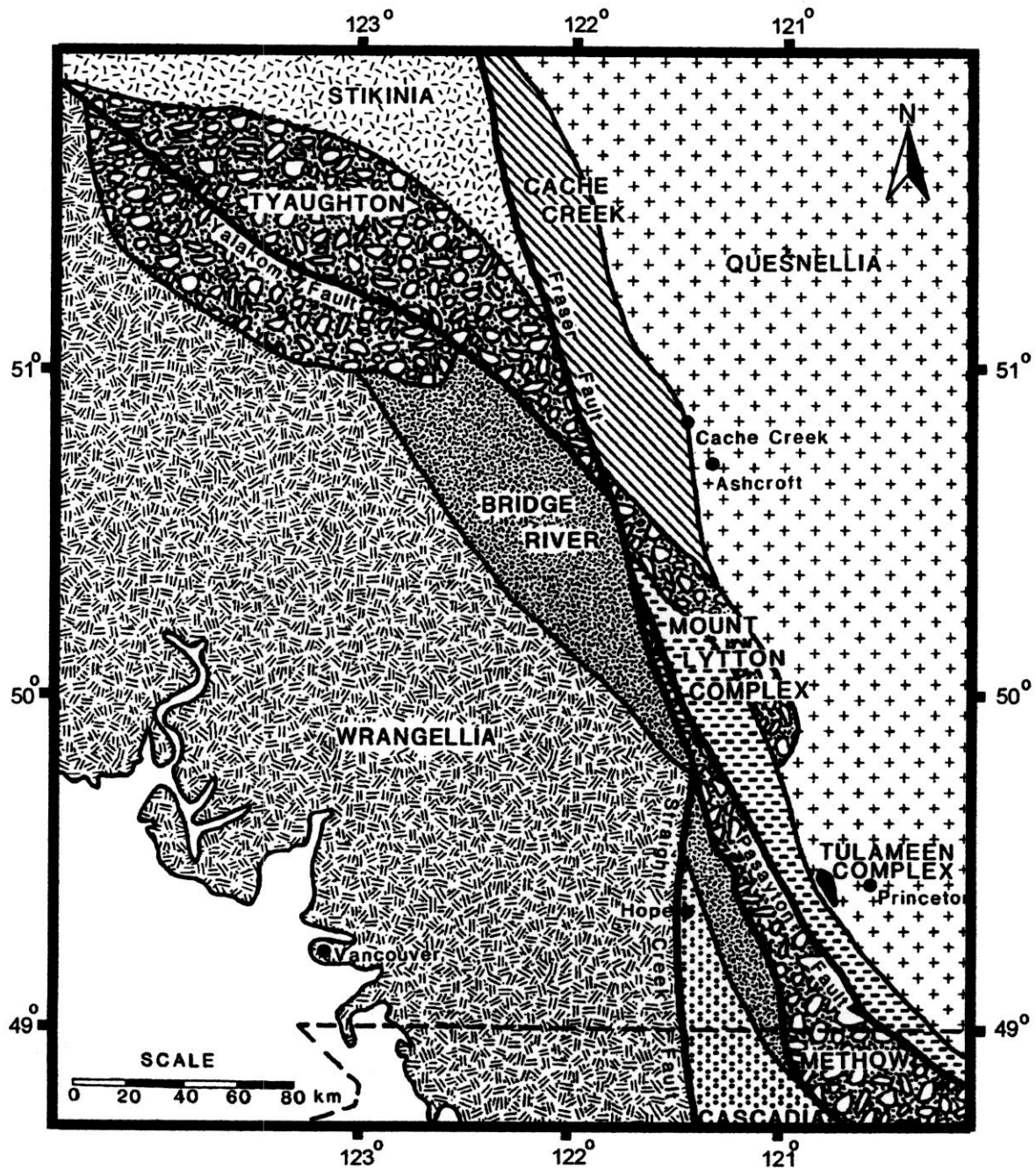


Figure 3. Geological setting of the Tulameen complex in relation to tectonostratigraphic terranes (modified after Kleinspehn, 1985). From Nixon and Rublee (1988)

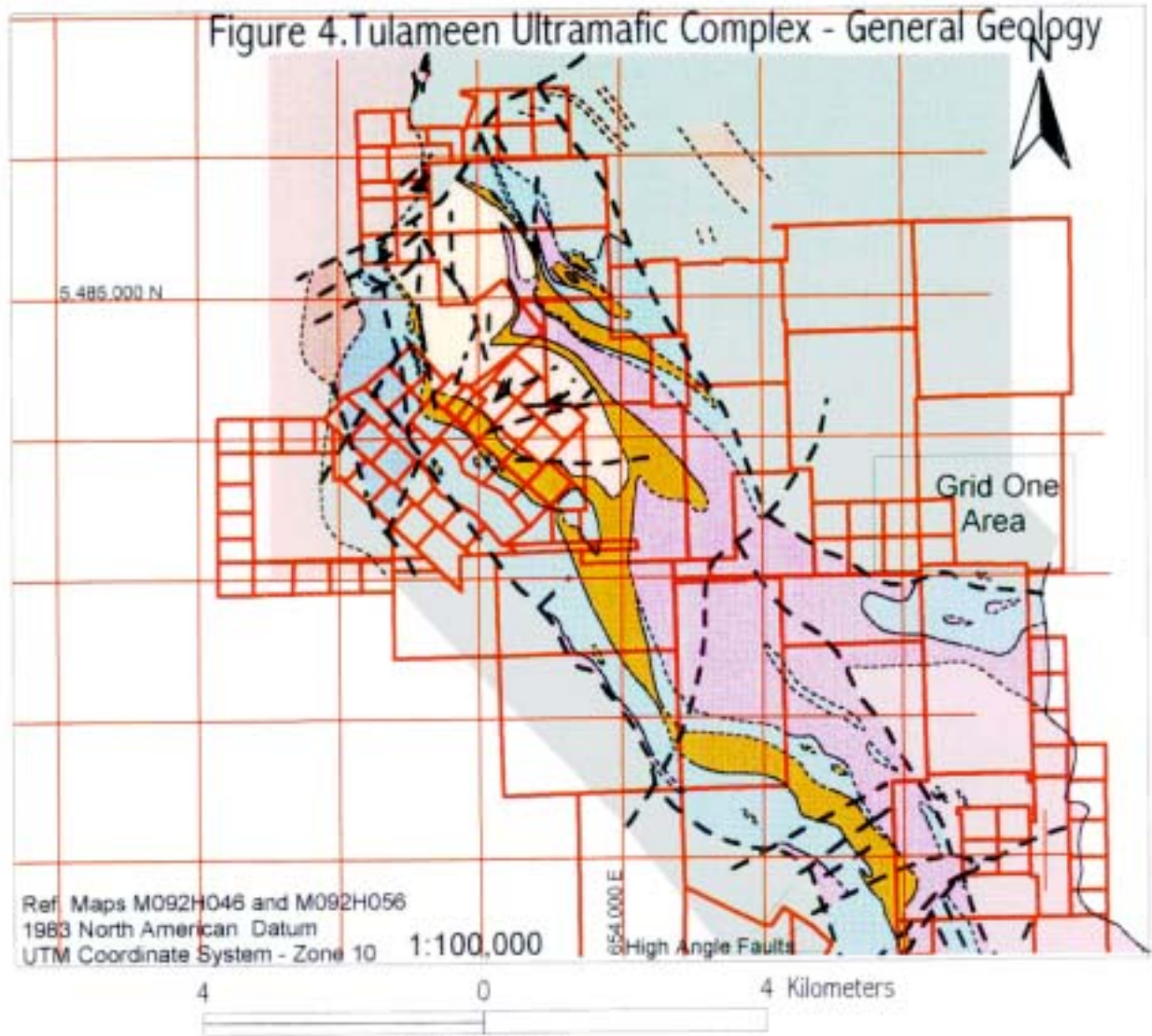
The lithologies of the TUC are Early Jurassic, elongate ultramafic to gabbroic intrusive bodies. The Tulameen ultramafic assemblage was emplaced into the Upper Triassic Nicola Group during a late Triassic deformation event. During this time, Nicola group volcanics were folded along north to northwest trending fold axis (Findlay, 1969). Age dates for the complex yield a preferred age of 175 Ma (Mid-Jurassic), but this age may be erroneous due to argon loss during metamorphism. Preliminary age dates on the Eagle plutonic complex suggest an Early to mid-Cretaceous (97 to 120 Ma.) age of emplacement (Nixon and Rublee, 1988). The eastern margin of the TUC and its host Nicola volcanic assemblage are unconformably overlain by terrigenous metasedimentary and metavolcanic assemblages of the Early Tertiary (Eocene) Princeton Group along with Miocene plateau basalt flows.

Regional structures include major faults trending north-northwest and are characterized by a westward dipping foliation that parallels the eastern margin and extends into the Mount Lytton Batholith (also known as the Eagle Plutonic Assemblage) (Figure 3). The TUC displays a crude lop-sided concentric arrangement of a central dunite core surrounded by olivine clinopyroxenite, hornblende clinopyroxenite, and gabbroic rocks. The tectonic history during the emplacement of the TUC intrusive assemblage was complex and a multiple stage event. Figure 4 is a map of the general geology of the Tulameen ultramafic complex, with major structures and geological units identified relative to Bright Star Ventures claims. The original version of this map was initially prepared by Findlay (1969) as part of his Ph. D. research, and was subsequently modified as a result of additional geological fieldwork completed by Nixon et. al.(1997). The digital work completed in this study has taken this map a step further through data aggregation and compilation of all the old surveys. All of the old exploration data was compiled and layered into GIS format for re-evaluation using digital maps and georeferenced orthophotos.

## **5.0 Property Geology--Alaskan-Type Ultramafic Complexes**

The general structure of Alaskan-type ultramafic complexes is characterized by a crudely concentric outward zonation of rock types ranging from olivine-bearing to hornblende – rich or magnetite rich clinopyroxenites about a steeply dipping dunite core (Taylor, 1967). Typical cumulate minerals include forsteritic olivine, diopsidic augite, chromite and magnetite. Orthopyroxene is characteristically absent in Alaskan-type ultramafic intrusions, indicating an alkalic affinity. Gabbroic rocks are typically tholeiitic in composition, but in the case of the Tulameen, the gabbro complex is unique in composition since these rocks are classified as syenogabbros and syenodiorites (Nixon et. al., 1997). The property geology of the Tulameen ultramafic complex is similar to other well-documented Alaskan-Type ultramafic complexes located along the southeast coast of Alaska and in the Ural Mountains of Russia.

Figure 4. Tulameen Ultramafic Complex - General Geology



### LEGEND

#### Intrusive Rocks

TERTIARY (Eocene)

Granodiorite

LATE JURASSIC TO MID-CRETACEOUS

Eagle Plutonic Complex

LATE TRIASSIC Tulameen Complex

Mafic Pegmatite

Syenodiorite

Gabbro

Undifferentiated mafic / ultramafic rocks

Hornblende Clinopyroxenite

Hornblende Olivine Clinopyroxenite

Olivine Clinopyroxenite

Dunite

#### Stratified Rocks

TERTIARY (Eocene)

Princeton Group: Shales, sandstones and conglomerates, coal seams and seal earths, lahatic breccias, rhyolitic to basaltic lava flows

UPPER TRIASSIC

NICOLA GROUP

Metasedimentary and metavolcanic rocks

Metavolcanic Units

Marble

#### Mylonitic Rocks

Undifferentiated ductily deformed Nicola and ultramafic - mafic rocks

Claims - Bright Star Ventures Ltd.

Geology from British Columbia Geological Survey Branch BULLETIN 93, Map 5, Geology of the Tulameen Alaskan-Type Complex, by G.T. Nixon et al., (1997)



## **5.1 – Mafic Intrusives**

### **5.1a Gabbros**

Large gabbroic intrusives occur throughout the TUC, proximal to the eastern margin of the complex. Major exposures are prevalent on the Grasshopper 1 and 2, Amy #1 and #2 and the BJP 1 and 2 claims. Findlay (1969) classified the gabbros as syenogabbros and syenodiorites. These gabbros are commonly in contact with olivine clinopyroxenite and only rarely come in contact with dunite. The syenodiorite is restricted to the southeastern margin of the TUC where it is unconformably overlain by lithologies of the Princeton Group.

The essential minerals within the syenogabbros include plagioclase (andesine), clinopyroxene, hornblende and potassium feldspar, with accessory minerals including apatite, opaque minerals, minor biotite and sphene. Most of the exposures of gabbro are saussuritized, are pale to dark grey in colour, and medium grained. Layered gabbros are common (Figure 4) throughout the TUC, and preserve a wealth of layering features, including modal grading of plagioclase and ferromagnesian phenocrysts in which the density grading may be normal or reversed in different layers (Nixon and Rublee, 1988).

Erosional tectonic unconformities transect earlier layers, indicating that magmatic activity occurred during crystal settling which disturbed the freshly precipitated cumulate crystal layers. Layering features preserved in outcrop along the Tulameen River indicate that stratigraphic tops face west and dip steeply west towards the central dunite core in the TUC. Breccia zones have been observed in the gabbro in outcrops exposed along the Tulameen River, with rounded to sub-rounded blocks enclosed in a medium grained, uniform gabbroic groundmass. Net-textured sulfide mineralization (pyrite) has also been observed in the same section, and in this area the pyrite also lines fractures.

## **5.2 - Ultramafic Rocks**

### **5.2a Olivine Clinopyroxenite**

Olivine clinopyroxenite surrounds the dunite core of the TUC and is exposed on the Amy #1, Grasshopper #1, BJP1, BJP2 and BJP 3 claims. The fresh rock is medium to coarse grained and has a blotchy green and black appearance due to partially serpentinized olivine and deep green clinopyroxene. Sporadic pegmatitic phases contain crystals up to 8 centimeters across and olivine crystals locally form schlieren (Nixon and Rublee, 1988).

Within the contact zone, the dunite locally encapsulates the olivine clinopyroxenite while in other areas the reverse relationship is preserved in outcrop along the Tulameen River, and the olivine clinopyroxenite encapsulates the dunite. Breccias occur within the olivine clinopyroxenite near the western contact of the dunite between Britton and Champion Creeks. Angular to rounded blocks of dunite, pyroxenite and interlayered dunite-

pyroxenite are enclosed in a serpentinized pyroxene-rich groundmass. A similar breccia occurs on the eastern margin of the dunite. Contacts dip moderately to steeply south.

### **5.2b Hornblende Clinopyroxenite**

Hornblende clinopyroxenite generally occurs along the periphery of the Tulameen ultramafic complex and is present on the Grasshopper #1, Amy #2, and BJP 1,2 and 3 claims. Fresh rock is medium to coarse grained and contains diopsidic augite, hornblende, and relatively abundant magnetite with accessory minerals including biotite, sulfides and apatite. Mineral foliations are observable in medium-grained varieties and amphiboles may reach up to 3 centimeters in length in coarse-grained varieties. Accessory biotite and apatite occur in 6-meter thick magnetite-rich horizons on the southern slopes of Tanglewood Hill. The magnetite-rich horizons can also occur as schlieren and podiform masses.

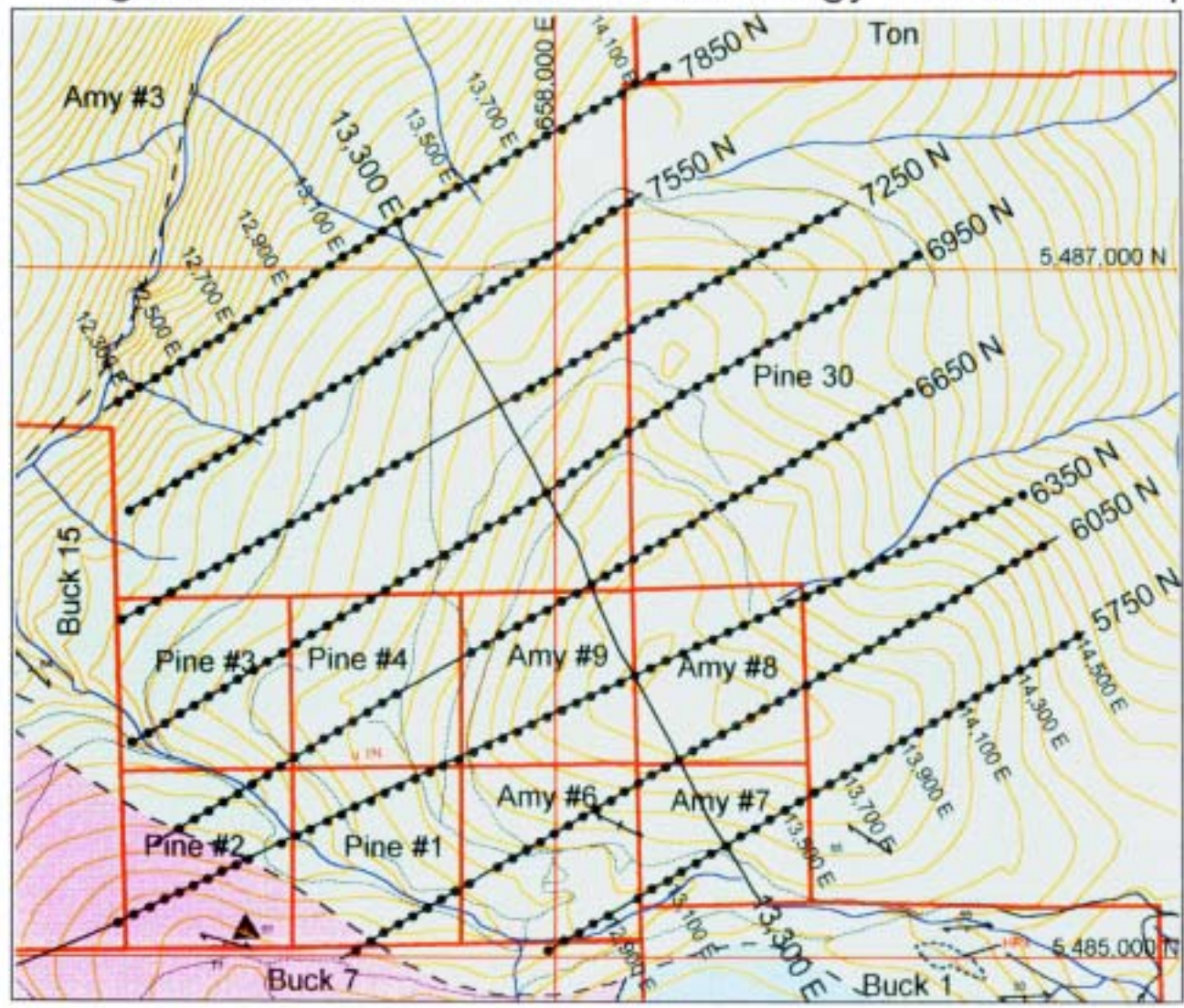
Mafic pegmatites are preferentially distributed near the margins of hornblende clinopyroxenite bodies (Findlay, 1969). One of the mafic pegmatites was sampled and identified as containing significant PGE values, with heavy pyrite and chalcopyrite mineralization exposed in the vicinity of Hines Creek along the sheared eastern contact zone between hornblende clinopyroxenites of the TUC with Nicola Group metvolcanic rocks (Zastavnikovich, 1988).

## **6.0 Soil Geochemistry Survey Results**

A total of 21.1 kilometers of soil grids were established over the area of interest and 365 soil samples were taken at 50 meter station intervals along the grid lines. The grid lines were spaced 300 meters apart and a central base line was established for control. End points of each of the lines, clear-cut openings and grid point intersections with logging roads were accurately located with GPS instruments using NAD 83 – Zone 10 for the datum. Soil and line cutting crews were based at a motel in Tulameen and commuted to the property each day in pick-up trucks. Soil samples were dried at the Bright Star field office located in Coalmont. The samples were dried, and then transported by Eco-Tech staff to their Kamloops facility for analytical work at Eco-Tech Laboratories.

Each soil sample was analyzed for Au, Pt, and Pd by fire-assay along with a multi-element ICP analysis. All of the original assay sheets for the survey are presented in Appendix 1 of this report. Although all of the assays are presented in Appendix 1, the only elements presented on maps and discussed in this report include soil results for the elements Cu, Au, Pt and Pd. Individual sample numbers indicate both line number and grid position, and individual samples are located 50 meters apart along each line.

Figure 5. Grid One : General Geology and Soil Sample Locations



LEGEND

- Soil Sample Site
- Nicola Volcanics
- Gabbro
- Hornblende
- Clinopyroxenite
- BSV Grid
- NAD 83 grid
- Creeks
- Logging Roads
- BSV Claim Border
- 20 m Contour



Scale 1:20,000



## 7.0 Discussion of Results and Recommendations

Over 90% of the soil samples in grid one were taken over Nicola Volcanic rocks, while 10% of the samples covered the eastern margin of the Tulameen Ultramafic Complex. Figure 5. is a 1:20,000 scale map indicating the location of the soil samples in relation to the geology of the claims. Figure 6a. is a 1:20,000 scale map which demonstrates there are no significant gold soil anomalies of any substantial size within the Nicola Volcanic terrain underlying these claims. A small weak gold anomaly in the vicinity of Line 6050N between 1212,400E and 12,700E is significant in that this small anomaly is located proximal to the sheared contact between Nicola Volcanics and the Tulameen Ultramafic Complex.

Figure 6b. is a 1:20,000 scale map of the distribution of Pd in soils over the survey area. The only significant anomaly occurs within the contact zone between the sheared Nicola volcanic rocks and the ultramafic complex between Lines 6650N and 5750N, on both banks of a small creek, which is located along this major contact zone. Palladium values ranging up to 15 ppb Pd represents a very weak but consistent anomaly particularly near the headwaters of a small creek near the southwestern limit of Line 5750N.

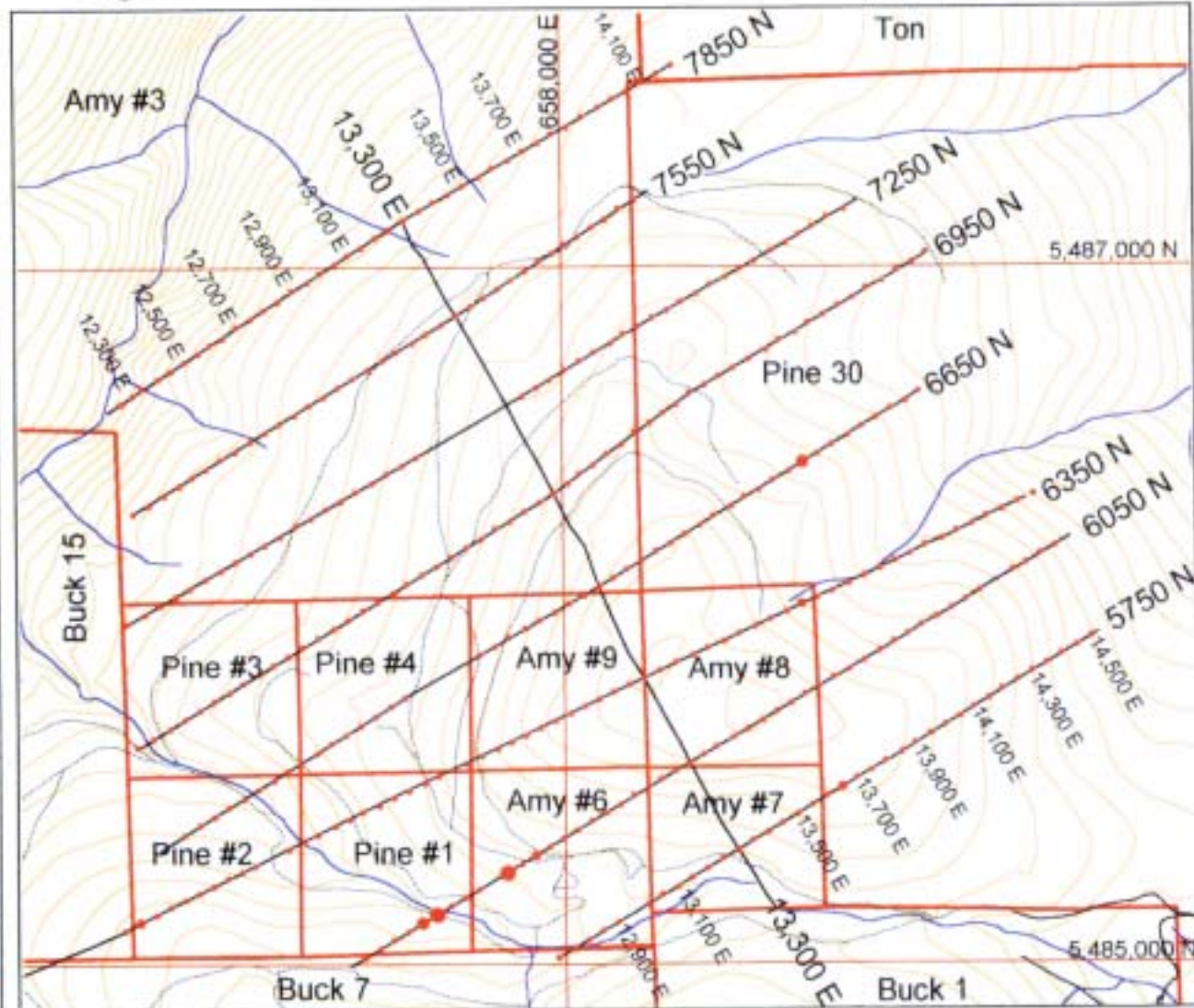
Figure 6c. is a 1:20,000 scale map of the distribution of Pt in soils over the study area. Weak platinum values are sporadically distributed across the area and perhaps represent the results of glacial ice movement across the area followed by glaciofluvial activities following deglaciation of the region. Some weakly elevated values ranging from 16 to 30 ppb Pt occur within the gabbro and proximal to the contact zone.

Figure 6d. is a 1:20,000 scale map of the distribution of copper in B-horizon soils over grid one. Some weakly anomalous copper values occur in soils over the contact area between Lines 6350N and 5750 N, in the vicinity of the creek.

In summary there appears to be a weakly mineralized system with elevated gold, copper, palladium and platinum located near the sheared margin of the Tulameen ultramafic contact in the vicinity of the headwaters of two small creeks which drain from the northern margin of Tanglewood Hill, within the Tulameen ultramafic complex. The southernmost limits of the grid lines terminated near the claim boundary with the Buck claims and usually contain anomalous metals along the claim boundary. The source of these metals and a mineralized system is probably within the Tulameen ultramafic complex located to the south of the grid area. The Buck claims were not owned by Bright Star Ventures at the time of the survey, but have since that time been acquired by the company.

A future soil grid needs to be extended to the south from the existing Grid One soil lines to provide adequate coverage across the contact zone south from the Nicola volcanics over the entire Tanglewood Hill hornblende clinopyroxenite. It is also recommended that a deep overburden soil survey be utilized in areas of favourable geology where the overburden is greater than 3 meters.

Figure 6a Grid One : B - Horizon Au (ppb) in Soils



LEGEND

Grid One - Au (ppb) in Soils

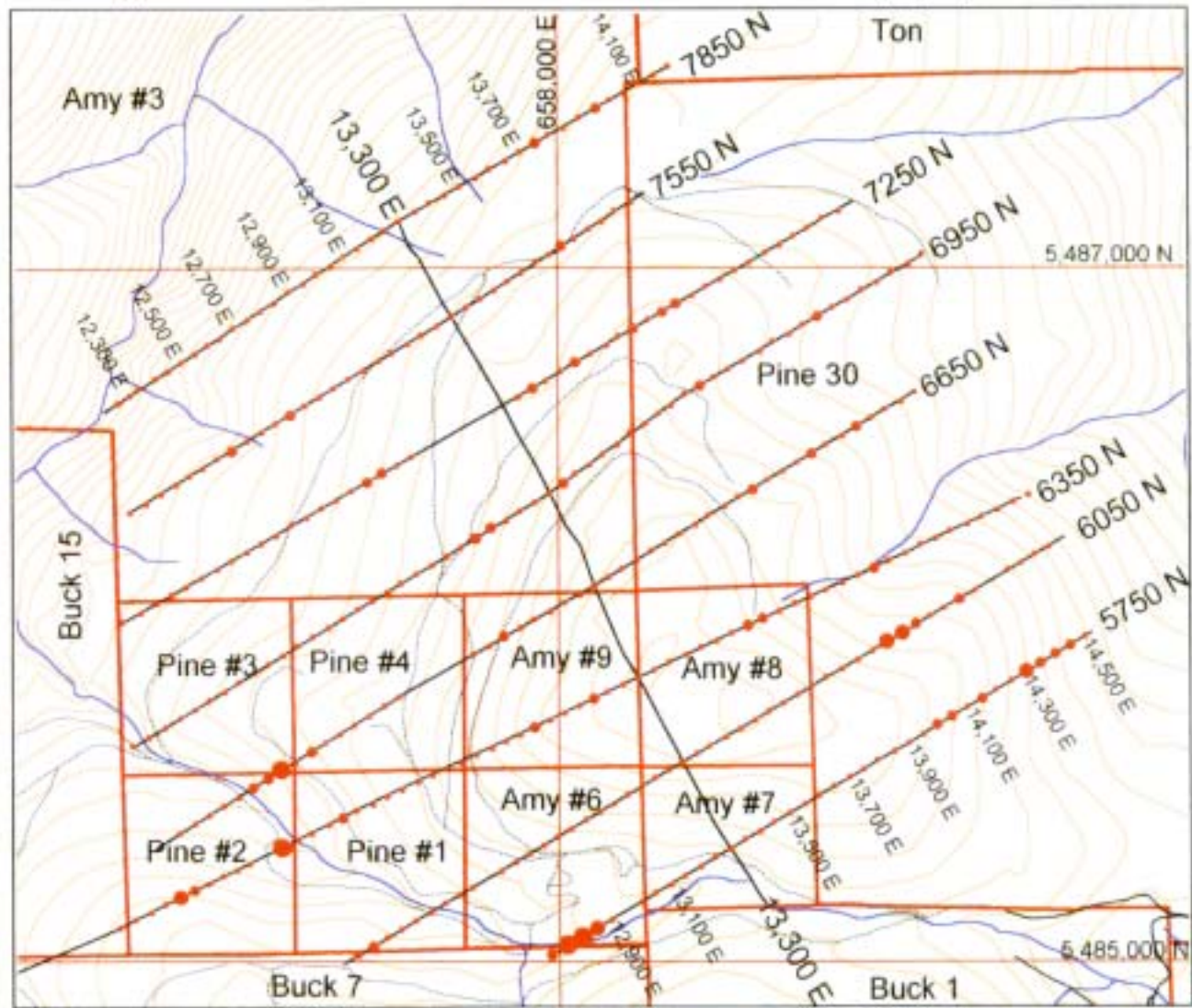
- 3 - 15
- 16 - 40
- 41 - 75
- 76 - 160

- ~ BSV Grid
- ~ NAD 83 grid
- ~ Creeks
- ~ Logging Roads
- BSV Claim Border
- ~ 20 m Contour



Scale 1:20,000

Figure 6b. Grid One : B - Horizon Pd (ppb) in Soils



**LEGEND**

- Grid One - Pd (ppb) in Soils
- 1 - 3
  - 4 - 5
  - 6 - 10
  - 11 - 15
- ∩ BSV Grid
  - ∩ NAD 83 grid
  - ∩ Creeks
  - ∩ Logging Roads
  - BSV Claim Border
  - ∩ 20 m Contour



Scale 1:20,000



Figure 6c. Grid One : B - Horizon Pt (ppb) in Soils

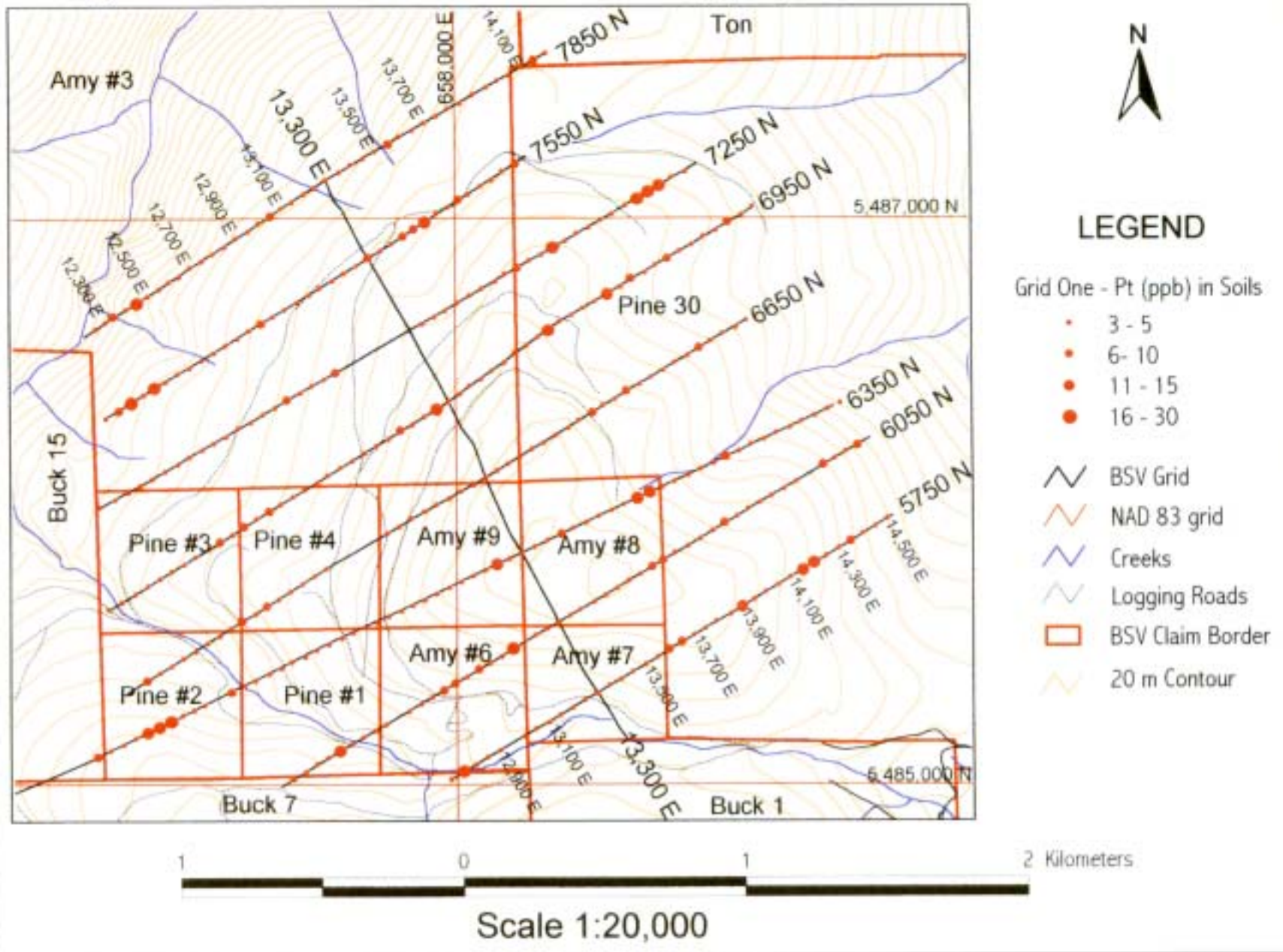
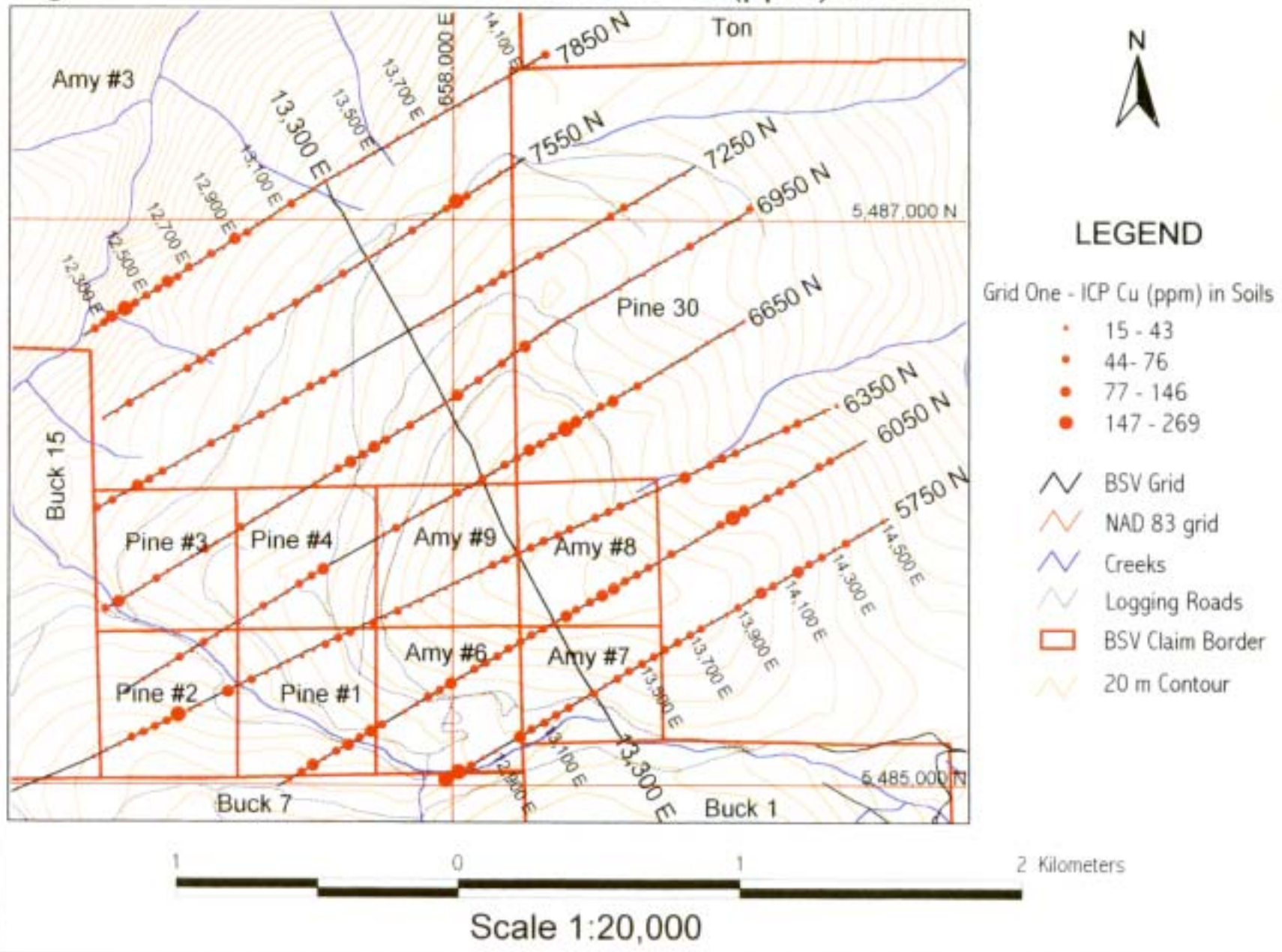


Figure 6d. Grid One : B - Horizon ICP Cu(ppm) in Soils



## 8.0 References

- Camsell, Charles, 1912. Note on the Occurrence of Diamonds at Tulameen, and Scottie Creek near Ashcroft, B.C. Geological Survey of Canada, Summary Report, 1911, p.123 and 124.
- Camsell, Charles, 1913. Geology and Mineral Deposits of the Tulameen District. Geological Survey, Department of Mines, Ottawa, Memoir No. 26.
- Evenchick, C.A., Monger, J.W.H., and Friday, S.J. (1986): Potential Hosts of Platinum Group Element Concentrations in the Canadian Cordillera; Geological Survey of Canada Open File 1433.
- Findlay, D.C., 1969. Origin of the Tulameen ultramafic complex, Southern British Columbia. Canadian Journal of Earth Sciences, p. 399-425
- Monger, J.W.H., 1985. Structural Evolution of the Southwestern Intermontaine Belt, Ashcroft and Hope Map Area, British Columbia; in Current Research, Part A, Geological Survey of Canada, Paper 85-1A, pages 349 – 358.
- Monger, J.W.H., 1989 Geology, Hope, British Columbia. Geological Survey of Canada, Map 41-1989, Sheet 1, Scale 1:250,000.
- Nixon G.T. and Rublee, V.J., 1988. Alaskan-type Ultramafic Rocks in British Columbia: New Concepts of the Structure of the Tulameen Complex. B.C. Ministry of Energy Mines and Petroleum Resources, Geological Field Work, 1987, Paper 1988-1, p.281-294.
- Nixon, G.T., 1987. Geology and Precious Metal Potential of Mafic-Ultramafic Rocks in British Columbia; Current Progress. B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1989, Paper 1990-1, p.353-358.
- Nixon, G.T., 1988. Geology of the Tulameen Complex. B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1988-25, 94 pages.
- Nixon, G.T., Hammack, J.L., Ash, C.H., Cabri, L.J., Case, G., Connelly, J.N., Heaman, L.M., Laflamme, J.H.G., Nuttall, C., Paterson, W.P.E., and Wong, R.H., Geology and Platinum-Group-Element Mineralization of Alaska-Type Ultramafic-Mafic Complexes In British Columbia. British Columbia Ministry of Employment and Investment Energy and Minerals Division, Geological Survey Branch. Bulletin 93. 141 p. + maps
- Nixon, G.T., (1990). Geology and Precious Metal Potential of Mafic-Ultramafic Rocks in British Columbia: Current Progress; in Geological Fieldwork 1989, B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1990-1, pages 353-358
- ONEILL, J.J. and H.C.Gunning, 1934. Platinum and Allied Metal Deposits of Canada. Geological Survey of Canada, Economic Geology Ser., No.13, p. 22-25 and 89-99.

Rice, H.M.A., 1960. Geology and Mineral Deposits of the Princeton Map-Area, British Columbia. Memoir 243, Geol. Surv. Canada, 136p..

Roed, M.A., (1992). Geological Branch Assessment Report. Economic geology J and L Claims, Olivine Mountain, British Columbia for Richard Chapman, by Geoterrain Consultants, Foxview Management Limited, Kelowna, B.C. 45 p. + 12 Figures

Rublee, V.J., (1986). Occurrence and Distribution of Platinum Group Elements in British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1986-7, 94 pages.

Rublee, V.J., (1994). Chemical Petrology, Mineralogy and Structure of the Tulameen Complex, Princeton Area, British Columbia; M. Sc. Thesis, University of Ottawa, Ottawa, Ontario. 183 pages.

St. Louis, Robert M., 1982. Platinoids in the Tulameen Ultramafic Complex. In Geologic Field Work, 1981, B.C. Ministry of Energy, Mines and Petroleum, Geological Branch, Mineral Resource Division, p. 218 - 222.

St. Louis, R.M., Nesbitt, B.E., and Morton, R.D., 1986. Geochemistry of Platinum Group Elements in the Tulameen Ultramafic Complex, Southern British Columbia, Economic Geology, Volume 81, p.961-973.

Taylor, H.P. Jr., 1967. The Zoned Ultramafic Complexes of Southeastern Alaska; in ultramafic and related Rocks, P.J. Wyllie, Editor, John Wiley and Sons Inc., New York, pages 97 – 121.

Taylor, David P., 1986. Geological Assessment Report on the Hop 1-8 (2017-2024(9)), Lodestone Mountain, British Columbia, Similkameen Mining Division, for Gordon Webster and Platonia Developments Inc. Geological Assessment Report 15,106, 5p.

Taylor, David P., 1988. Geological Report on the Hop and J.R. Claims, Lodestone Mountain, British Columbia, Similkameen Mining Division, owned by Sun-Gold Developments International Corp. Geological Assessment Report 17,986., 16p.

White, G.V., 1987. Olivine Potential in the Tulameen Ultramafic Complex, 'Preliminary Report (92 H/10). B.C.Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1986, Paper 1987-1, pp. 303-307.



**Appendix A**



## Summary of Expenses – Grid 1 Survey

For Period June 27<sup>th</sup> – July 10<sup>th</sup>

Line-cutting, soil sampling, truck, saws, radio rental  
3-man crew – Coast Mountain Geological 13,586.86

Assay Costs – Eco-Tech laboratories 8,189.99

Room and board – 3 men 14 days @ 25.00/day 1,050.00

Food – 3 men 14 days @ 35.00 per day 1,470.00

1 BSV Geotech 5 days supervision @ 175.00/day 875.00

1 BSV Geotech room and board 5 days @ 25.00/day 125.00

1 BSV Geotech food – 5 days @ 35.00/day 175.00

1 BSV Geotech – 5 days truck rental @ 65.00 /day 325.00

For Period August 24<sup>th</sup>-27<sup>th</sup>, 2002

1 Geologist - 3 days data compilation, report @ 375.00/day 1125.00

---

**Total = 26,921.85**

## Appendix B

**BRIGHT STAR VENTURES**  
Suite 205-555 Burrard Street  
Po Box 218  
Vancouver, BC, V7X 1M7

19-Aug-02

**Attention: Accounts Payable**

## 2002 INVOICE

**Your Shipment: S-1**

**INVOICE #:AK 02-231**

<i>DESCRIPTION</i>	<i>PRICE / SAMPLE</i>	<i>AMOUNT</i>
<i>PROJECT #: Tulameen</i>		
373 Samples = 7 No samples		
366 SAMPLE PREP (SOIL)	0.95	347.70
365 AU/PD/PT 30G PKG GEOCHEM	13.50	4927.50
366 MULTI-ELEMENT ICP	6.50	2379.00
	<i>SUBTOTAL:</i>	<u>7654.20</u>
	<i>&amp; 7% G.S.T:</i>	535.79
	<b><i>TOTAL DUE &amp; PAYABLE UPON RECEIPT:</i></b>	<b><u>8189.99</u></b>

**THANK YOU!!**

**G.S.T. REGISTRATION NUMBER R101565356**

**TERMS: NET 30 DAYS. INTEREST AT RATE OF 1 1/2 PER MONTH (18% PER ANNUM)  
WILL BE CHARGED ON OVERDUE ACCOUNTS.**

16-Aug-02

ECO TECH LABORATORY LTD.  
10041 Dallas Drive  
KAMLOOPS, B.C.  
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2002-231

BRIGHT STAR VENTURES  
Suite 205 - 555 Burrard Street  
Po Box 218  
Vancouver, BC, V7X 1M7

Phone: 250-573-5700  
Fax : 250-573-4557

ATTENTION: Bill Yeomans

No. of samples received: 373  
Sample Type: Soil  
Project #: Tulameen  
Shipment #: 15  
Samples submitted by: Bright Star Ventures

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5750N 12700E	<0.2	2.46	<5	250	<5	1.23	<1	35	68	175	5.63	30	1.71	893	<1	0.04	46	1440	12	<5	<20	51	0.18	<10	168	<10	16	76
2	5750N 12750E	1.4	2.30	20	160	<5	1.21	<1	23	38	289	3.34	40	0.55	918	<1	0.03	97	740	10	<5	<20	48	0.12	<10	62	<10	48	137
3	5750N 12800E	<0.2	2.30	<5	70	10	0.34	<1	19	56	51	4.59	20	0.85	183	<1	0.03	32	770	12	<5	<20	20	0.17	<10	119	<10	7	56
4	5750N 12850E	<0.2	2.28	<5	90	<5	0.41	<1	20	50	42	3.79	10	0.91	365	<1	0.03	29	1070	12	<5	<20	25	0.14	<10	103	<10	7	59
5	5750N 12900E	<0.2	2.50	<5	100	5	0.35	<1	21	58	41	3.80	10	0.96	247	<1	0.02	40	1000	12	<5	<20	21	0.13	<10	85	<10	8	77
6	5750N 12950E	1.2	2.64	<5	180	<5	3.01	<1	14	41	107	2.82	80	0.50	1186	2	0.01	50	1130	12	<5	<20	57	0.07	<10	53	<10	55	39
7	5750N 13000E	0.4	2.77	<5	205	5	0.96	<1	23	65	91	3.66	20	1.10	1824	<1	0.03	53	1630	18	<5	<20	29	0.16	<10	89	<10	12	103
8	5750N 13050E	0.2	2.84	<5	115	5	0.71	<1	22	61	68	3.66	20	0.91	318	<1	0.02	53	640	14	<5	<20	26	0.14	<10	84	<10	13	59
9	5750N 13100E	<0.2	2.49	<5	100	5	0.70	<1	19	59	49	3.21	20	0.82	591	<1	0.02	45	400	14	<5	<20	25	0.14	<10	76	<10	12	59
10	5750N 13150E	<0.2	2.45	<5	90	5	0.64	<1	20	71	52	3.29	20	0.91	479	<1	0.02	48	780	16	<5	<20	24	0.13	<10	74	<10	9	61
11	5750N 13200E	<0.2	2.65	<5	95	10	0.59	<1	20	66	47	3.37	20	0.83	371	<1	0.02	48	700	16	<5	<20	23	0.13	<10	76	<10	9	63
12	5750N 13250E	<0.2	2.41	<5	90	5	1.00	<1	17	53	41	2.83	20	0.69	266	<1	0.02	38	320	14	<5	<20	20	0.13	<10	68	<10	8	44
13	5750N 13300E	<0.2	3.02	<5	110	10	0.92	<1	19	53	67	3.22	20	0.70	267	<1	0.03	52	130	18	<5	<20	23	0.17	<10	68	<10	15	49
14	5750N 13350E	<0.2	2.44	<5	90	5	0.39	<1	18	46	42	3.24	10	0.83	216	<1	0.02	32	1040	14	<5	<20	19	0.14	<10	69	<10	9	67
15	5750N 13400E	<0.2	3.11	<5	145	5	0.56	<1	21	51	69	3.64	20	0.79	393	<1	0.02	47	570	18	<5	<20	25	0.15	<10	76	<10	18	67
16	5750N 13450E	<0.2	2.91	<5	130	<5	1.04	<1	22	50	72	3.67	30	0.78	616	<1	0.02	46	520	16	<5	<20	22	0.15	<10	74	<10	21	58
17	5750N 13500E	<0.2	2.86	<5	110	10	1.06	<1	19	48	46	3.62	20	0.75	1027	<1	0.02	35	410	14	<5	<20	19	0.15	<10	77	<10	13	71
18	5750N 13550E	<0.2	2.57	<5	120	5	0.83	<1	17	48	51	3.22	30	0.81	873	<1	0.02	32	410	16	<5	<20	15	0.13	<10	68	<10	19	64
19	5750N 13600E	<0.2	2.77	<5	85	10	0.57	<1	25	75	73	3.76	10	1.16	571	<1	0.03	60	630	14	<5	<20	19	0.16	<10	84	<10	8	70
20	5750N 13650E	<0.2	2.75	5	85	<5	0.48	<1	25	86	64	4.85	10	0.99	481	<1	0.01	58	700	14	<5	<20	17	0.12	<10	85	<10	6	67
21	5750N 13700E	<0.2	2.64	<5	95	5	0.41	<1	21	50	44	3.99	10	0.89	847	<1	0.01	36	970	14	<5	<20	17	0.14	<10	86	<10	6	78
22	5750N 13750E	<0.2	2.98	<5	85	5	0.35	<1	25	52	55	4.29	10	0.79	854	<1	0.02	44	880	14	<5	<20	15	0.14	<10	91	<10	8	91
23	5750N 13800E	<0.2	2.96	<5	110	10	0.58	<1	20	58	40	3.71	10	0.77	622	<1	0.02	38	610	16	<5	<20	20	0.12	<10	83	<10	8	73
24	5750N 13850E	<0.2	2.91	<5	110	<5	0.79	<1	20	58	43	3.56	20	0.76	856	<1	0.02	40	470	18	<5	<20	20	0.13	<10	79	<10	11	66
25	5750N 13900E	<0.2	2.89	<5	120	5	0.24	<1	23	63	49	3.93	10	0.83	521	<1	0.01	45	900	16	<5	<20	20	0.13	<10	87	<10	8	67

## BRIGHT STAR VENTURES

## ICP CERTIFICATE OF ANALYSIS AK 2002-231

## ECO TECH LABORATORY LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5750N 13950E	<0.2	2.39	<5	80	<5	0.35	<1	22	83	40	4.00	10	0.87	181	<1	0.01	51	540	12	Δ	<20	14	0.13	<10	99	<10	6	56
27	5750N 14000E	<0.2	2.84	<5	75	<5	0.49	<1	23	57	84	4.03	10	0.71	577	<1	0.02	35	410	16	Δ	<20	21	0.14	<10	91	<10	9	68
28	5750N 14050E	<0.2	2.51	<5	80	<5	0.38	<1	21	78	54	4.25	10	0.91	649	<1	0.01	35	1000	14	Δ	<20	17	0.13	<10	91	<10	6	94
29	5750N 14100E	0.2	2.09	<5	85	<5	0.31	<1	19	47	31	3.55	10	0.65	385	<1	0.01	30	680	12	Δ	<20	17	0.13	<10	79	<10	6	82
30	5750N 14150E	<0.2	2.44	<5	90	<5	0.48	<1	34	110	92	5.03	20	1.04	516	<1	0.01	107	590	14	Δ	<20	25	0.13	<10	84	<10	13	83
31	5750N 14200E	<0.2	2.15	5	115	<5	0.65	<1	28	64	75	5.55	30	1.05	819	2	0.02	67	540	16	Δ	<20	39	0.14	<10	78	<10	29	103
32	5750N 14250E	<0.2	1.95	<5	115	<5	0.28	<1	23	48	44	4.87	10	0.53	723	4	0.01	45	820	12	Δ	<20	18	0.14	<10	74	<10	9	95
33	5750N 14300E	<0.2	1.75	5	80	<5	0.39	<1	21	50	41	4.16	10	0.57	557	1	<0.01	46	1050	12	Δ	<20	20	0.10	<10	71	<10	8	113
34	5750N 14350E	<0.2	2.14	10	85	<5	0.50	<1	26	50	76	5.98	20	0.57	931	<1	0.01	42	1140	12	Δ	<20	16	0.12	<10	103	<10	14	117
35	5750N 14400E	<0.2	2.23	<5	140	<5	0.35	<1	24	57	43	3.94	10	0.56	949	<1	0.01	73	1180	14	Δ	<20	21	0.12	<10	70	<10	8	145
36	5750N 14450E	0.2	1.79	<5	105	5	0.34	<1	18	51	31	3.31	10	0.66	450	<1	0.01	39	810	14	Δ	<20	29	0.11	<10	67	<10	8	99
37	5750N 14500E	<0.2	2.18	<5	115	<5	0.53	<1	14	47	20	2.62	20	0.45	365	<1	0.02	35	340	14	Δ	<20	23	0.09	<10	57	<10	9	59
38	5750N 14550E	NO SAMPLE																											
39	6050N 12100E	NO SAMPLE																											
40	6050N 12150E	<0.2	1.73	<5	75	5	0.24	<1	10	37	19	2.58	<10	0.44	107	<1	0.01	19	850	12	Δ	<20	16	0.10	<10	64	<10	5	66
41	6050N 12200E	<0.2	2.80	<5	125	<5	0.50	<1	19	62	63	3.59	20	1.07	752	<1	0.02	45	380	18	Δ	<20	34	0.12	<10	82	<10	10	78
42	6050N 12250E	0.6	3.16	<5	290	<5	1.03	<1	20	64	82	3.80	20	0.90	809	<1	0.02	55	610	16	Δ	<20	64	0.11	<10	77	<10	14	66
43	6050N 12300E	0.2	2.25	<5	115	5	0.50	<1	16	51	42	3.43	10	0.73	356	<1	0.02	30	1020	14	Δ	<20	32	0.10	<10	75	<10	7	82
44	6050N 12350E	0.2	2.71	<5	145	<5	0.40	<1	18	52	55	3.48	10	0.69	293	<1	0.02	35	900	14	Δ	<20	28	0.10	<10	75	<10	9	88
45	6050N 12400E	0.4	3.19	<5	220	<5	1.21	<1	23	62	107	4.28	20	1.19	719	<1	0.03	51	720	14	Δ	<20	71	0.12	<10	99	<10	23	81
46	6050N 12450E	<0.2	2.14	<5	105	<5	0.83	<1	18	52	48	3.44	10	1.05	329	<1	0.02	33	790	10	Δ	<20	39	0.10	<10	84	<10	10	89
47	6050N 12500E	0.4	2.92	<5	125	<5	0.98	<1	19	55	136	3.75	30	0.92	786	<1	0.03	48	570	14	Δ	<20	35	0.12	<10	78	<10	25	59
48	6050N 12550E	0.2	2.38	<5	145	<5	0.61	<1	17	49	50	3.33	10	0.85	357	<1	0.02	34	230	14	Δ	<20	31	0.13	<10	73	<10	10	50
49	6050N 12600E	NO SAMPLE																											
50	6050N 12650E	<0.2	2.04	<5	65	<5	0.71	<1	18	47	36	3.29	<10	0.80	459	<1	0.02	30	390	12	Δ	<20	24	0.12	<10	74	<10	7	57
51	6050N 12700E	<0.2	1.98	<5	75	<5	0.64	<1	17	41	34	3.09	<10	0.68	525	<1	0.01	30	510	12	Δ	<20	23	0.11	<10	70	<10	7	83
52	6050N 12750E	<0.2	1.90	<5	100	5	0.49	<1	22	51	52	3.80	<10	0.98	704	<1	0.01	35	770	10	Δ	<20	25	0.11	<10	80	<10	7	69
53	6050N 12800E	<0.2	2.27	10	100	<5	0.39	<1	24	56	63	4.53	<10	1.05	786	<1	0.01	47	930	12	Δ	<20	27	0.12	<10	83	<10	7	88
54	6050N 12850E	<0.2	1.99	25	115	<5	0.72	<1	27	67	112	5.50	20	1.49	1727	<1	0.01	51	1060	12	Δ	<20	18	0.14	<10	103	<10	20	143
55	6050N 12900E	<0.2	2.25	<5	110	<5	0.33	<1	21	46	30	3.78	<10	0.84	665	<1	0.01	34	1070	14	Δ	<20	15	0.11	<10	78	<10	6	118
56	6050N 12950E	0.4	2.43	<5	90	<5	1.43	<1	20	52	70	3.57	20	0.74	1267	<1	0.02	52	440	16	Δ	<20	19	0.11	<10	70	<10	15	78
57	6050N 13000E	<0.2	2.97	<5	95	5	0.64	<1	27	62	52	4.23	<10	0.96	910	<1	0.02	63	870	16	Δ	<20	21	0.13	<10	85	<10	7	113
58	6050N 13050E	<0.2	2.66	<5	95	5	0.47	<1	24	71	50	3.99	<10	1.02	650	<1	0.01	53	910	14	Δ	<20	24	0.12	<10	84	<10	6	73
59	6050N 13100E	<0.2	2.45	<5	75	<5	0.50	<1	23	77	45	3.65	<10	0.97	425	<1	0.01	57	420	14	Δ	<20	24	0.13	<10	84	<10	7	62
60	6050N 13150E	<0.2	2.35	<5	67	10	0.47	<1	23	75	46	3.61	10	1.04	400	<1	0.02	48	863	13	Δ	<20	27	0.11	<10	76	<10	7	66

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	6050N 13200E	<0.2	3.09	<5	93	5	0.50	<1	23	85	48	3.94	10	1.11	807	<1	0.01	61	1120	17	<5	<20	30	0.18	<10	86	<10	7	81
62	6050N 13250E	<0.2	3.11	<5	134	<5	0.43	<1	23	72	55	3.75	10	1.02	504	<1	0.02	54	1100	17	<5	<20	26	0.12	<10	74	<10	6	74
63	6050N 13300E	<0.2	2.78	<5	100	5	0.45	<1	22	67	40	3.69	<10	0.90	882	<1	0.02	54	690	14	<5	<20	21	0.13	<10	89	<10	6	90
64	6050N 13350E	<0.2	3.06	<5	90	<5	0.97	<1	28	75	97	4.38	20	1.21	1146	<1	0.03	61	590	16	<5	<20	27	0.14	<10	100	<10	15	68
65	6050N 13400E	<0.2	2.89	<5	95	<5	0.78	<1	21	59	55	3.73	10	0.87	680	<1	0.02	46	600	14	<5	<20	21	0.12	<10	82	<10	9	64
66	6050N 13450E	<0.2	2.76	<5	120	<5	0.66	<1	26	71	50	4.17	<10	0.99	1039	<1	0.01	53	1150	12	<5	<20	22	0.12	<10	89	<10	6	78
67	6050N 13500E	<0.2	2.83	<5	95	<5	0.67	<1	33	82	89	4.62	10	1.06	1062	<1	0.01	80	1060	14	<5	<20	33	0.13	<10	101	<10	10	77
68	6050N 13550E	<0.2	2.47	<5	95	<5	1.04	<1	28	90	94	4.22	10	1.00	1426	<1	0.03	76	1120	12	<5	<20	54	0.13	<10	90	<10	14	66
69	6050N 13800E	<0.2	2.69	<5	110	<5	0.65	<1	23	61	58	4.22	10	0.94	984	<1	0.01	47	840	12	<5	<20	19	0.11	<10	82	<10	9	78
70	6050N 13650E	0.2	3.66	<5	105	<5	0.99	<1	21	65	60	4.01	20	0.94	1286	<1	0.02	54	530	18	<5	<20	17	0.13	<10	82	<10	19	75
71	6050N 13700E	<0.2	3.20	<5	85	<5	0.43	<1	24	106	54	4.54	<10	1.04	660	<1	0.02	54	970	12	<5	<20	22	0.15	<10	102	<10	7	75
72	6050N 13750E	<0.2	2.67	<5	90	<5	0.59	<1	17	50	29	3.33	<10	0.72	741	<1	0.02	30	880	16	<5	<20	17	0.11	<10	73	<10	6	81
73	6050N 13800E	0.2	3.64	<5	135	<5	0.59	<1	21	63	62	4.04	10	0.87	586	<1	0.02	42	950	20	<5	<20	18	0.13	<10	78	<10	10	78
74	6050N 13850E	<0.2	3.09	<5	70	<5	0.42	<1	15	40	29	3.00	<10	0.38	211	<1	0.02	27	770	18	<5	<20	11	0.12	<10	82	<10	7	61
75	6050N 13900E	<0.2	2.45	<5	90	<5	0.36	<1	15	45	27	3.08	<10	0.57	388	<1	0.01	27	680	14	<5	<20	17	0.10	<10	67	<10	7	71
76	6050N 13950E	0.2	2.03	<5	90	<5	0.23	<1	16	62	36	3.41	<10	0.66	185	<1	0.01	26	500	12	<5	<20	19	0.11	<10	78	<10	5	58
77	6050N 14000E	0.2	1.92	<5	100	<5	1.43	<1	15	49	59	2.66	10	0.62	278	<1	0.02	36	600	14	<5	<20	15	0.08	<10	57	<10	12	48
78	6050N 14050E	0.2	2.65	<5	95	<5	1.24	<1	16	48	215	2.87	20	0.62	652	<1	0.02	39	720	14	<5	<20	26	0.09	<10	64	<10	17	54
79	6050N 14100E	0.2	2.91	<5	95	<5	0.40	<1	21	59	96	3.97	<10	0.96	441	<1	0.02	37	700	16	<5	<20	19	0.12	<10	90	<10	8	86
80	6050N 14150E	<0.2	2.46	<5	95	<5	0.22	<1	20	50	41	3.89	<10	0.70	299	<1	0.01	37	750	12	<5	<20	15	0.11	<10	79	<10	6	82
81	6050N 14200E	0.2	2.49	<5	105	<5	0.22	<1	20	46	78	4.11	<10	0.60	838	<1	0.01	31	940	16	<5	<20	14	0.12	<10	85	<10	8	96
82	6050N 14250E	0.4	2.35	<5	105	<5	0.27	<1	20	51	47	4.07	<10	0.52	684	<1	0.01	41	1010	14	<5	<20	18	0.11	<10	75	<10	11	140
83	6050N 14300E	0.2	2.15	<5	130	<5	0.30	<1	29	58	61	4.99	10	0.56	1075	2	0.01	59	1170	14	<5	<20	26	0.13	<10	81	<10	9	153
84	6050N 14350E	0.4	2.32	<5	125	<5	0.28	<1	22	60	54	4.21	<10	0.70	844	<1	0.01	69	790	12	<5	<20	22	0.10	<10	75	<10	10	137
85	6050N 14400E	0.2	2.30	<5	135	<5	0.33	<1	27	62	46	4.19	<10	0.63	1082	<1	0.01	67	1320	12	<5	<20	21	0.11	<10	80	<10	7	109
86	6050N 14450E	<0.2	2.20	<5	95	<5	0.29	<1	18	46	61	3.65	<10	0.51	546	<1	0.01	31	870	14	<5	<20	16	0.11	<10	78	<10	5	81
87	6050N 14500E	<0.2	2.04	10	125	<5	0.47	<1	19	53	35	4.06	<10	0.67	765	<1	0.01	49	1050	14	<5	<20	24	0.10	<10	74	<10	8	118
88	6050N 14550E	0.2	1.88	<5	120	<5	0.32	<1	18	46	35	3.92	<10	0.52	565	<1	0.01	36	960	12	<5	<20	17	0.09	<10	75	<10	7	121
89	6350N 11600E	<0.2	2.63	<5	80	<5	0.23	<1	19	34	22	3.59	<10	0.73	323	<1	0.01	15	2040	16	<5	<20	23	0.11	<10	99	<10	4	68
90	6350N 11650E	<0.2	2.88	<5	105	<5	0.28	<1	21	33	34	3.69	<10	0.74	416	<1	0.01	17	1650	18	<5	<20	25	0.12	<10	95	<10	5	78
91	6350N 11700E	<0.2	2.90	<5	220	<5	0.41	<1	25	36	41	4.44	<10	1.11	474	<1	<0.01	20	1450	16	<5	<20	27	0.13	<10	135	<10	7	105
92	6350N 11750E	<0.2	3.06	<5	125	<5	0.35	<1	26	45	69	4.24	<10	1.23	550	<1	<0.01	29	980	16	<5	<20	32	0.14	<10	107	<10	6	88
93	6350N 11800E	<0.2	2.93	<5	110	<5	0.54	<1	31	36	45	4.68	<10	1.85	715	<1	0.01	22	1290	14	<5	<20	51	0.18	<10	154	<10	5	89
94	6350N 11850E	<0.2	1.78	10	85	<5	0.22	<1	17	38	59	4.12	<10	0.67	390	<1	0.01	18	1810	10	<5	<20	15	0.12	<10	103	<10	4	91
95	6350N 11900E	<0.2	2.37	<5	65	<5	0.32	<1	20	53	72	3.92	<10	0.97	314	<1	0.01	31	900	14	<5	<20	20	0.12	<10	94	<10	5	65

## BRIGHT STAR VENTURES

## ICP CERTIFICATE OF ANALYSIS AK 2002-231

## ECO TECH LABORATORY LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	6350N 11950E	<0.2	2.42	<5	65	<5	0.27	<1	16	49	198	3.61	<10	0.61	184	<1	0.01	40	310	16	<5	<20	18	0.13	<10	82	<10	6	45
97	6350N 12000E	0.2	2.10	<5	70	<5	0.29	<1	15	45	31	3.54	<10	0.54	176	<1	0.01	22	250	14	<5	<20	25	0.12	<10	87	<10	5	65
98	6350N 12050E	<0.2	1.58	10	50	<5	0.38	<1	12	36	32	3.49	<10	0.45	149	<1	0.01	17	370	10	<5	<20	26	0.11	<10	91	<10	4	47
99	6350N 12100E	0.6	3.39	<5	230	<5	1.15	<1	22	72	115	4.34	30	0.97	911	<1	0.02	61	690	20	<5	<20	64	0.11	<10	88	<10	26	74
100	6350N 12150E	<0.2	2.26	<5	110	<5	0.30	<1	17	50	30	3.36	<10	0.74	298	<1	0.01	33	930	14	<5	<20	21	0.11	<10	76	<10	5	67
101	6350N 12200E	<0.2	2.04	<5	60	<5	0.90	<1	23	63	76	4.07	10	1.23	712	<1	0.02	56	660	12	<5	<20	39	0.12	<10	91	<10	14	66
102	6350N 12250E	<0.2	1.66	<5	55	<5	0.23	<1	10	41	18	2.60	<10	0.47	162	<1	0.01	20	1260	10	<5	<20	15	0.08	<10	80	<10	3	56
103	6350N 12300E	0.2	1.68	<5	60	<5	0.37	<1	16	49	28	3.14	<10	0.78	331	<1	<0.01	27	730	12	<5	<20	22	0.10	<10	71	<10	5	53
104	6350N 12350E	<0.2	2.18	<5	100	<5	0.30	<1	15	44	29	3.14	<10	0.54	212	<1	0.01	27	1130	16	<5	<20	16	0.10	<10	71	<10	5	52
105	6350N 12400E	<0.2	2.38	<5	85	<5	0.31	<1	18	49	43	3.49	<10	0.70	279	<1	0.01	35	900	14	<5	<20	19	0.11	<10	76	<10	6	69
106	6350N 12450E	<0.2	1.82	<5	85	<5	0.59	<1	16	45	39	2.91	10	0.69	422	<1	0.01	31	440	12	<5	<20	23	0.10	<10	65	<10	9	55
107	6350N 12500E	<0.2	2.52	<5	105	<5	0.56	<1	19	59	65	3.68	10	0.84	504	<1	0.02	45	350	18	<5	<20	20	0.11	<10	76	<10	12	73
108	6350N 12550E	<0.2	2.17	<5	85	<5	0.58	<1	19	53	45	3.42	10	0.82	406	<1	0.01	33	420	14	<5	<20	23	0.10	<10	74	<10	9	63
109	6350N 12600E	<0.2	2.09	<5	80	<5	0.68	<1	26	67	61	3.90	10	1.07	789	<1	0.01	48	510	14	<5	<20	25	0.13	<10	82	<10	13	62
110	6350N 12650E	<0.2	2.30	<5	90	5	0.33	<1	21	64	37	3.59	<10	0.86	344	<1	0.01	41	660	14	<5	<20	21	0.12	<10	76	<10	6	66
111	6350N 12700E	<0.2	3.40	<5	100	<5	0.34	<1	23	65	53	4.09	<10	0.78	310	<1	0.01	56	1320	22	<5	<20	16	0.13	<10	79	<10	7	91
112	6350N 12750E	<0.2	1.73	<5	65	<5	0.51	<1	19	55	39	3.30	<10	0.92	441	<1	0.01	37	360	12	<5	<20	25	0.13	<10	72	<10	8	52
113	6350N 12800E	<0.2	2.59	<5	80	<5	0.29	<1	22	55	48	4.07	<10	1.06	679	<1	0.01	39	910	16	<5	<20	17	0.12	<10	85	<10	6	83
114	6350N 12850E	<0.2	2.30	10	80	<5	0.23	<1	18	47	41	4.06	<10	0.61	631	<1	0.01	39	750	16	<5	<20	11	0.11	<10	81	<10	6	146
115	6350N 12900E	<0.2	2.75	5	105	<5	0.32	<1	24	53	43	4.40	10	0.86	976	<1	<0.01	43	560	16	<5	<20	18	0.13	<10	82	<10	8	109
116	6350N 12950E	<0.2	1.98	25	80	5	0.14	<1	18	32	25	3.55	<10	0.44	1080	<1	0.01	27	930	14	<5	<20	8	0.15	<10	67	<10	7	133
117	6350N 13000E	<0.2	2.83	<5	70	10	0.14	<1	18	38	40	3.40	<10	0.54	567	<1	0.01	33	1210	20	<5	<20	9	0.14	<10	67	<10	7	102
118	6350N 13050E	0.2	2.17	<5	65	5	0.40	<1	16	46	32	3.71	<10	0.66	583	<1	0.01	35	550	14	<5	<20	11	0.10	<10	79	<10	7	85
119	6350N 13100E	<0.2	2.18	<5	85	5	0.30	<1	21	52	28	3.59	<10	0.64	348	<1	0.01	47	520	14	<5	<20	12	0.12	<10	78	<10	6	98
120	6350N 13150E	<0.2	2.43	<5	90	5	0.35	<1	23	58	33	3.77	<10	0.77	566	<1	0.01	45	660	12	<5	<20	20	0.11	<10	82	<10	4	81
121	6350N 13200E	<0.2	2.82	<5	95	5	0.52	<1	24	70	48	4.14	<10	0.94	823	<1	0.02	58	760	16	<5	<20	29	0.14	<10	83	<10	6	87
122	6350N 13250E	<0.2	2.61	<5	85	<5	0.40	<1	25	85	52	4.01	10	1.09	360	<1	0.01	52	660	16	<5	<20	19	0.13	<10	84	<10	7	72
123	6350N 13300E	<0.2	2.81	<5	105	5	0.44	<1	26	114	52	3.79	10	1.44	1129	<1	0.01	63	1000	18	<5	<20	25	0.16	<10	86	<10	6	81
124	6350N 13350E	<0.2	3.14	<5	90	10	1.15	<1	32	251	69	4.71	30	2.18	1192	<1	0.02	91	1200	16	<5	<20	40	0.27	<10	136	<10	11	52
125	6350N 13400E	<0.2	2.84	<5	90	<5	0.36	<1	25	93	51	4.21	<10	1.08	743	<1	0.01	53	870	18	<5	<20	16	0.15	<10	92	<10	6	81
126	6350N 13450E	<0.2	2.01	<5	65	<5	0.45	<1	19	68	67	3.39	<10	0.64	971	<1	0.01	48	720	14	<5	<20	16	0.11	<10	70	<10	4	68
127	6350N 13500E	<0.2	2.79	<5	90	<5	1.05	1	21	50	46	3.68	10	0.74	1066	<1	0.02	38	790	18	<5	<20	15	0.10	<10	73	<10	8	207
128	6350N 13550E	<0.2	1.65	<5	70	<5	0.26	<1	12	37	28	2.86	<10	0.36	163	<1	0.01	20	660	14	<5	<20	26	0.12	<10	64	<10	4	50
129	6350N 13600E	<0.2	2.46	<5	65	<5	0.68	<1	23	53	60	3.35	<10	0.54	265	<1	0.02	47	540	16	<5	<20	63	0.11	<10	74	<10	6	69
130	6350N 13650E	<0.2	2.95	<5	70	<5	0.66	<1	21	61	56	4.01	10	0.84	711	<1	0.02	42	550	20	<5	<20	20	0.13	<10	89	<10	10	82

BRIGHT STAR VENTURES

ICP CERTIFICATE OF ANALYSIS AK 2002-231

ECO TECH LABORATORY LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	
131	6350N 13700E	0.2	2.92	<5	85	<5	0.75	<1	21	58	72	3.87	20	0.81	578	<1	0.02	42	590	20	△	△	<20	16	0.11	<10	85	<10	16	72
132	6350N 13750E	<0.2	2.19	<5	95	<5	0.21	<1	16	44	36	3.48	<10	0.66	454	<1	<0.01	26	1200	16	△	△	<20	13	0.10	<10	68	<10	6	73
133	6350N 13800E	<0.2	2.34	<5	80	<5	0.60	<1	23	63	36	4.07	<10	1.30	344	<1	0.01	39	1010	14	△	△	<20	21	0.14	<10	86	<10	7	64
134	6350N 13850E	<0.2	3.18	<5	125	<5	0.39	<1	17	33	37	4.34	10	1.20	281	<1	0.01	24	1810	20	△	△	<20	20	0.13	<10	68	<10	10	86
135	6350N 13900E	<0.2	2.23	<5	60	<5	0.34	<1	15	48	36	3.55	<10	0.74	222	<1	0.01	26	700	16	△	△	<20	13	0.09	<10	76	<10	7	66
136	6350N 13950E	<0.2	2.91	<5	120	<5	1.21	<1	19	60	99	3.87	30	0.80	309	<1	0.02	50	600	18	△	△	<20	22	0.11	<10	78	<10	26	53
137	6350N 14000E	<0.2	2.07	<5	80	<5	0.33	<1	15	50	42	3.58	<10	0.64	168	<1	0.01	26	1670	12	△	△	<20	16	0.09	<10	70	<10	4	56
138	6350N 14050E	<0.2	2.70	<5	90	<5	0.59	<1	18	51	52	3.54	10	0.70	394	<1	0.02	34	550	18	△	△	<20	18	0.11	<10	74	<10	13	63
139	6350N 14100E	<0.2	2.67	<5	100	5	0.93	<1	21	51	51	3.87	<10	0.95	332	<1	0.02	37	410	18	△	△	<20	19	0.13	<10	78	<10	7	69
140	6350N 14150E	0.2	2.54	<5	95	<5	0.99	<1	17	53	56	3.61	10	0.57	270	<1	0.02	38	360	16	△	△	<20	18	0.11	<10	78	<10	10	54
141	6350N 14200E	<0.2	1.70	<5	75	<5	0.41	<1	13	43	24	2.83	<10	0.51	155	<1	<0.01	24	170	10	△	△	<20	17	0.07	<10	59	<10	4	45
142	6350N 14250E	<0.2	1.75	<5	65	<5	0.31	<1	13	44	19	3.10	<10	0.64	232	<1	0.01	22	690	12	△	△	<20	13	0.08	<10	69	<10	5	61
143	6350N 14300E	0.2	2.49	<5	105	<5	0.47	<1	17	55	33	3.48	10	0.77	836	<1	0.02	40	310	16	△	△	<20	18	0.11	<10	71	<10	10	73
144	6350N 14350E	0.2	2.03	<5	90	<5	0.40	<1	20	50	52	4.04	<10	0.77	601	<1	0.01	36	710	14	△	△	<20	16	0.10	<10	78	<10	9	81
145	6350N 14400E	0.2	2.75	<5	125	<5	0.39	<1	18	54	45	3.52	10	0.56	646	<1	0.02	44	1130	22	△	△	<20	15	0.11	<10	68	<10	10	97
146	6350N 14450E	<0.2	1.95	<5	110	<5	0.31	<1	18	45	28	3.60	<10	0.81	474	<1	0.02	30	1080	14	△	△	<20	14	0.10	<10	70	<10	5	72
147	6350N 14500E	<0.2	2.31	5	140	<5	0.48	<1	23	63	40	4.38	<10	0.76	343	1	<0.01	50	580	14	△	△	<20	18	0.07	<10	85	<10	5	53
148	6350N 14550E	0.2	2.18	10	120	<5	0.28	<1	16	41	36	3.52	10	0.45	344	<1	0.01	36	800	16	△	△	<20	12	0.08	<10	61	<10	9	64
149	6650N 11900E	<0.2	2.27	<5	55	<5	0.20	<1	15	49	36	3.23	<10	0.65	193	<1	<0.01	29	1280	14	△	△	<20	14	0.09	<10	68	<10	5	53
150	6650N 11950E	<0.2	2.24	<5	90	<5	0.24	<1	20	51	31	3.33	<10	0.75	320	<1	0.01	32	940	16	△	△	<20	16	0.11	<10	73	<10	5	71
151	6650N 12000E	<0.2	1.66	<5	95	<5	0.41	<1	18	53	32	3.45	<10	0.87	497	<1	<0.01	28	1050	12	△	△	<20	21	0.09	<10	73	<10	5	73
152	6650N 12050E	0.2	2.21	<5	115	<5	0.64	<1	16	50	53	3.25	20	0.74	374	<1	0.01	33	490	14	△	△	<20	35	0.07	<10	70	<10	14	69
153	6650N 12100E	<0.2	2.03	<5	85	<5	0.25	<1	19	54	34	3.45	<10	0.72	347	<1	0.01	32	2020	14	△	△	<20	17	0.10	<10	73	<10	5	99
154	6650N 12150E	<0.2	2.03	<5	90	<5	0.52	<1	18	51	52	3.23	10	0.80	652	<1	0.01	34	450	14	△	△	<20	35	0.09	<10	71	<10	15	73
155	6650N 12200E	<0.2	1.99	<5	60	<5	0.31	<1	20	53	37	3.66	<10	0.85	378	<1	<0.01	35	930	14	△	△	<20	19	0.10	<10	79	<10	6	65
156	6650N 12250E	<0.2	2.26	<5	85	<5	0.23	<1	19	50	28	3.60	<10	0.75	295	<1	0.01	37	840	16	△	△	<20	14	0.11	<10	77	<10	5	70
157	6650N 12300E	<0.2	2.01	<5	85	<5	0.23	<1	17	50	24	3.31	<10	0.72	433	<1	<0.01	33	910	14	△	△	<20	16	0.11	<10	70	<10	5	73
158	6650N 12350E	<0.2	2.01	<5	80	<5	0.26	<1	20	48	39	3.13	10	0.75	1043	<1	0.01	32	780	12	△	△	<20	17	0.10	<10	69	<10	7	72
159	6650N 12400E	<0.2	2.11	<5	115	<5	0.47	<1	21	59	45	3.20	10	0.93	567	<1	0.01	39	450	14	△	△	<20	31	0.12	<10	75	<10	9	59
160	6650N 12450E	<0.2	1.86	<5	55	<5	0.29	<1	17	55	37	3.43	<10	0.95	326	<1	<0.01	33	440	12	△	△	<20	19	0.11	<10	76	<10	7	63
161	6650N 12500E	<0.2	2.25	<5	80	<5	0.34	<1	16	49	37	3.25	<10	0.71	300	<1	0.01	32	650	16	△	△	<20	17	0.11	<10	72	<10	5	76
162	6650N 12550E	<0.2	1.80	<5	55	<5	0.34	<1	18	40	54	2.62	<10	0.66	438	<1	0.01	30	370	12	△	△	<20	16	0.09	<10	59	<10	6	53
163	6650N 12600E	<0.2	1.83	<5	65	<5	0.53	<1	17	49	62	3.15	<10	0.83	364	<1	0.01	33	420	12	△	△	<20	26	0.09	<10	71	<10	9	56
164	6650N 12650E	<0.2	2.43	<5	90	<5	0.82	<1	23	50	146	3.63	10	0.85	978	<1	0.02	50	370	14	△	△	<20	25	0.10	<10	74	<10	14	62
165	6650N 12700E	NO SAMPLE																												



BRIGHT STAR VENTURES

ICP CERTIFICATE OF ANALYSIS AK 2002-231

ECO TECH LABORATORY LTD.

El #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
166	6650N 12750E	NO SAMPLE																											
167	6650N 12800E	NO SAMPLE																											
168	6650N 12850E	NO SAMPLE																											
169	6650N 12900E	<0.2	2.19	<5	65	<5	0.26	<1	18	45	27	3.55	<10	0.68	266	<1	0.01	29	1070	18	Δ	<20	13	0.10	<10	74	<10	5	84
170	6650N 12950E	<0.2	2.57	<5	80	<5	0.29	<1	22	56	44	4.04	<10	0.94	665	<1	0.01	39	1100	16	Δ	<20	17	0.11	<10	60	<10	5	89
171	6650N 13000E	<0.2	2.54	<5	90	<5	0.27	<1	22	49	39	3.71	<10	0.79	917	<1	0.01	35	1100	18	Δ	<20	13	0.11	<10	75	<10	4	95
172	6650N 13050E	<0.2	2.12	<5	70	<5	0.30	<1	19	45	31	3.81	<10	0.64	494	<1	0.01	37	680	16	Δ	<20	12	0.12	<10	84	<10	4	73
173	6650N 13100E	<0.2	2.14	<5	90	<5	0.23	<1	20	48	37	3.52	<10	0.62	857	<1	0.01	39	950	18	Δ	<20	10	0.10	<10	71	<10	4	72
174	6650N 13150E	0.2	1.87	<5	55	<5	0.36	<1	18	43	30	3.32	<10	0.69	366	<1	<0.01	32	330	14	Δ	<20	16	0.10	<10	78	<10	4	57
175	6650N 13200E	0.2	2.46	<5	85	<5	0.27	<1	22	47	47	4.04	<10	0.82	478	<1	0.02	43	980	18	Δ	<20	15	0.11	<10	78	<10	6	123
176	6650N 13250E	0.2	1.55	<5	100	<5	0.52	<1	15	32	35	2.68	<10	0.54	976	<1	<0.01	24	690	14	Δ	<20	19	0.08	<10	55	<10	4	77
177	6650N 13300E	0.6	2.01	<5	80	<5	0.25	<1	20	41	46	4.14	<10	0.60	789	<1	0.01	35	810	18	Δ	<20	12	0.11	<10	72	<10	5	139
178	6650N 13350E	<0.2	2.33	<5	70	<5	0.94	<1	18	41	33	3.10	10	0.61	659	<1	0.02	31	340	18	Δ	<20	17	0.10	<10	64	<10	8	53
179	6650N 13400E	0.2	2.86	<5	85	<5	0.44	<1	25	115	59	3.85	<10	1.23	627	<1	0.01	63	1160	20	Δ	<20	28	0.14	<10	88	<10	5	82
180	6650N 13450E	<0.2	3.39	<5	95	5	0.37	<1	28	108	56	3.88	<10	1.17	449	<1	0.01	68	1160	24	Δ	<20	21	0.16	<10	83	<10	5	84
181	6650N 13500E	<0.2	3.28	<5	105	<5	0.31	<1	28	63	100	4.86	10	1.24	795	<1	<0.01	44	1150	22	Δ	<20	19	0.15	<10	98	<10	6	90
182	6650N 13550E	<0.2	2.78	<5	90	<5	0.88	<1	22	57	56	3.97	10	0.96	781	<1	0.02	41	580	18	Δ	<20	15	0.13	<10	75	<10	12	82
183	6650N 13600E	<0.2	2.58	<5	60	<5	0.26	<1	19	65	45	3.96	<10	0.87	396	<1	<0.01	45	920	16	Δ	<20	17	0.11	<10	77	<10	4	70
184	6650N 13650E	<0.2	2.42	<5	48	<5	0.74	1	70	117	169	9.25	10	1.37	813	<1	<0.01	312	910	8	Δ	<20	24	0.17	<10	99	<10	13	67
185	6650N 13700E	<0.2	3.11	<5	105	<5	0.30	<1	30	68	101	4.92	<10	1.25	621	<1	<0.01	59	880	20	Δ	<20	18	0.13	<10	87	<10	7	94
186	6650N 13750E	0.2	2.33	<5	90	<5	0.64	<1	23	62	71	4.15	10	1.08	608	<1	0.01	44	450	16	Δ	<20	23	0.12	<10	78	<10	12	76
187	6650N 13800E	0.2	2.69	<5	90	<5	0.83	<1	25	57	66	4.14	10	0.94	994	<1	0.02	47	400	20	Δ	<20	17	0.13	<10	77	<10	12	81
188	6650N 13850E	<0.2	2.21	<5	70	<5	0.77	<1	24	66	88	4.49	30	1.15	856	<1	0.01	42	690	16	Δ	<20	17	0.12	<10	85	<10	41	78
189	6650N 13900E	<0.2	2.64	<5	90	<5	0.18	<1	18	46	42	3.65	<10	0.65	353	<1	0.01	29	880	20	Δ	<20	11	0.10	<10	74	<10	5	83
190	6650N 13950E	0.2	2.64	<5	115	<5	0.31	<1	17	48	46	3.39	<10	0.66	615	<1	0.01	35	620	20	Δ	<20	16	0.10	<10	71	<10	7	92
191	6650N 14000E	<0.2	2.47	<5	90	<5	0.18	<1	16	47	32	3.34	<10	0.65	267	<1	0.01	26	930	18	Δ	<20	11	0.10	<10	69	<10	5	74
192	6650N 14050E	<0.2	2.36	<5	120	<5	0.24	<1	20	56	40	3.61	<10	0.95	574	<1	<0.01	36	850	18	Δ	<20	15	0.11	<10	72	<10	7	84
193	6650N 14100E	<0.2	2.16	<5	95	<5	0.31	<1	19	54	34	3.66	<10	0.99	530	<1	0.01	36	1180	16	Δ	<20	15	0.09	<10	71	<10	7	96
194	6650N 14150E	0.2	1.92	<5	70	<5	0.54	<1	22	60	39	3.99	10	1.16	788	<1	0.01	41	830	14	Δ	<20	18	0.12	<10	75	<10	12	72
195	6650N 14200E	0.2	2.10	<5	95	<5	0.54	<1	14	43	24	3.04	10	0.64	518	<1	0.02	26	530	16	Δ	<20	16	0.09	<10	68	<10	8	81
196	6650N 14250E	0.2	2.27	<5	115	<5	0.48	<1	15	44	30	3.19	<10	0.64	485	<1	0.01	36	600	16	Δ	<20	18	0.09	<10	69	<10	7	75
197	6650N 14300E	<0.2	1.91	<5	95	<5	0.33	<1	16	43	35	3.74	10	0.68	549	<1	<0.01	27	1170	18	Δ	<20	13	0.09	<10	70	<10	9	89
198	6650N 14350E	<0.2	1.99	<5	100	<5	0.27	<1	13	36	19	2.82	<10	0.50	583	<1	0.01	24	1080	18	Δ	<20	15	0.09	<10	58	<10	5	72
199	6650N 14400E	<0.2	1.68	<5	90	<5	0.47	<1	15	43	31	3.17	10	0.76	537	<1	0.01	29	640	14	Δ	<20	20	0.09	<10	65	<10	9	60
200	6650N 11900E	<0.2	1.46	<5	70	<5	0.72	<1	24	59	56	4.10	10	0.66	606	<1	0.01	36	880	10	Δ	<20	25	0.11	<10	66	<10	12	62

## BRIGHT STAR VENTURES

## ICP CERTIFICATE OF ANALYSIS AK 2002-231

## ECO TECH LABORATORY LTD.

El #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
201	6950N 11950E	<0.2	2.35	<5	75	<5	2.57	<1	32	92	91	4.99	20	1.80	1016	<1	0.02	65	1180	16	<5	<20	33	0.13	<10	98	<10	14	96
202	6950N 12000E	<0.2	1.94	<5	85	<5	0.29	<1	16	38	23	3.06	<10	0.62	457	<1	<0.01	26	890	16	<5	<20	14	0.09	<10	62	<10	5	79
203	6950N 12050E	<0.2	1.99	<5	75	<5	0.27	<1	20	56	43	3.83	<10	1.00	385	<1	<0.01	35	400	14	<5	<20	18	0.12	<10	81	<10	6	62
204	6950N 12100E	<0.2	2.42	<5	80	<5	0.23	<1	18	47	45	3.34	<10	0.67	394	<1	<0.01	33	1280	18	<5	<20	15	0.11	<10	71	<10	6	82
205	6950N 12150E	<0.2	2.19	<5	70	<5	0.31	<1	18	54	33	3.70	<10	0.90	363	<1	<0.01	31	790	16	<5	<20	17	0.10	<10	79	<10	5	67
206	6950N 12200E	<0.2	1.90	<5	75	5	0.45	<1	18	46	29	3.26	10	0.76	471	<1	0.01	28	520	16	<5	<20	20	0.10	<10	72	<10	8	64
207	6950N 12250E	<0.2	2.15	<5	75	<5	0.56	<1	18	58	36	3.35	10	0.86	437	<1	0.01	37	320	16	<5	<20	27	0.12	<10	70	<10	11	59
208	6950N 12300E	<0.2	2.17	<5	105	<5	0.58	<1	18	60	44	3.35	10	0.93	599	<1	0.01	40	320	16	<5	<20	32	0.10	<10	69	<10	12	70
209	6950N 12350E	<0.2	2.08	<5	75	<5	0.20	<1	20	61	23	3.45	<10	0.87	331	<1	<0.01	33	1010	14	<5	<20	12	0.11	<10	78	<10	4	68
210	6950N 12400E	<0.2	2.21	<5	105	<5	0.40	<1	19	63	29	3.45	<10	0.94	569	<1	0.01	36	1620	16	<5	<20	28	0.10	<10	75	<10	4	88
211	6950N 12450E	<0.2	2.13	<5	95	<5	0.46	<1	22	72	51	3.91	10	1.17	642	<1	0.01	43	980	14	<5	<20	34	0.12	<10	81	<10	9	83
212	6950N 12500E	<0.2	2.22	<5	115	<5	0.30	<1	20	63	39	3.60	<10	0.89	446	<1	0.01	37	1810	14	<5	<20	22	0.11	<10	74	<10	6	100
213	6950N 12550E	<0.2	1.64	<5	60	<5	0.28	<1	18	47	25	3.29	<10	0.77	304	<1	0.01	26	1020	12	<5	<20	12	0.10	<10	70	<10	4	69
214	6950N 12600E	<0.2	1.95	<5	75	<5	0.35	<1	16	45	31	3.06	<10	0.69	277	<1	0.01	29	590	16	<5	<20	16	0.09	<10	61	<10	6	76
215	6950N 12650E	0.2	0.86	<5	50	<5	1.37	<1	9	24	33	1.50	<10	0.36	439	<1	0.01	21	450	8	<5	<20	15	0.04	<10	31	<10	7	27
216	6950N 12700E	<0.2	1.04	<5	50	<5	0.61	<1	11	28	25	2.00	<10	0.51	330	<1	<0.01	20	430	8	<5	<20	11	0.06	<10	42	<10	4	41
217	6950N 12750E	<0.2	2.17	<5	85	5	0.82	<1	20	54	42	3.44	<10	0.88	508	<1	0.02	35	370	16	<5	<20	21	0.11	<10	71	<10	8	58
218	6950N 12800E	<0.2	2.15	<5	80	5	0.48	<1	21	65	40	3.83	<10	1.17	414	<1	0.02	39	340	16	<5	<20	18	0.13	<10	80	<10	7	68
219	6950N 12850E	<0.2	2.18	<5	90	<5	0.91	<1	26	64	59	4.18	20	1.19	1076	<1	0.02	41	680	16	<5	<20	23	0.13	<10	84	<10	14	73
220	6950N 12900E	0.6	2.80	<5	90	<5	0.93	<1	18	45	95	3.53	20	0.60	651	<1	0.03	42	510	22	<5	<20	24	0.11	<10	71	<10	17	58
221	6950N 12950E	<0.2	0.75	<5	35	<5	3.95	<1	6	13	71	1.04	<10	0.21	472	<1	0.01	24	550	8	<5	<20	19	0.03	<10	24	<10	9	13
222	6950N 13000E	0.5	2.00	<5	45	<5	1.24	<1	14	32	101	2.64	20	0.43	509	<1	0.02	35	430	16	<5	<20	17	0.10	<10	60	<10	19	42
223	6950N 13050E	<0.2	2.31	<5	60	<5	0.58	<1	24	66	67	4.21	10	1.17	544	<1	0.02	43	590	14	<5	<20	18	0.13	<10	83	<10	8	59
224	6950N 13100E	<0.2	1.96	<5	55	5	0.35	<1	17	41	29	3.29	<10	0.63	399	<1	0.01	26	660	16	<5	<20	11	0.11	<10	71	<10	4	49
225	6950N 13150E	<0.2	2.61	<5	65	<5	0.28	<1	24	58	53	4.04	<10	0.90	553	<1	0.01	42	950	18	<5	<20	13	0.11	<10	78	<10	6	77
226	6950N 13200E	<0.2	2.93	<5	65	5	0.62	<1	20	40	29	3.37	10	0.55	624	<1	0.02	34	500	22	<5	<20	14	0.12	<10	69	<10	10	53
227	6950N 13250E	<0.2	2.64	<5	70	5	0.46	<1	18	40	30	3.29	<10	0.61	257	<1	0.02	31	690	20	<5	<20	16	0.13	<10	70	<10	5	59
228	6950N 13300E	<0.2	2.61	<5	70	<5	0.34	<1	19	44	41	3.57	<10	0.73	323	<1	0.01	32	1080	20	<5	<20	11	0.11	<10	72	<10	5	67
229	6950N 13350E	0.3	2.75	<5	90	<5	0.63	<1	24	54	100	4.47	20	1.02	716	<1	0.02	47	340	20	<5	<20	17	0.14	<10	91	<10	19	66
230	6950N 13400E	<0.2	1.83	<5	75	<5	0.30	<1	16	35	28	3.10	<10	0.72	658	<1	0.01	21	1340	16	<5	<20	12	0.10	<10	62	<10	4	72
231	6950N 13450E	0.4	2.64	<5	75	<5	1.12	<1	14	35	59	2.90	10	0.62	809	<1	0.03	34	530	22	<5	<20	11	0.11	<10	54	<10	14	60
232	6950N 13500E	0.3	1.60	<5	70	<5	0.46	<1	14	27	25	2.82	<10	0.45	972	<1	0.02	16	960	16	<5	<20	12	0.11	<10	63	<10	3	58
233	6950N 13550E	<0.2	2.10	<5	50	<5	0.24	<1	19	39	51	3.42	<10	0.73	480	<1	0.01	25	1070	16	<5	<20	14	0.11	<10	67	<10	5	64
234	6950N 13600E	<0.2	2.11	<5	70	<5	0.19	<1	18	39	30	3.43	<10	0.75	561	<1	0.01	24	940	16	<5	<20	12	0.11	<10	71	<10	5	76
235	6950N 13650E	<0.2	2.90	<5	85	5	0.44	<1	28	49	109	4.71	10	1.29	590	<1	0.01	34	1490	16	<5	<20	24	0.19	<10	111	<10	8	88

BRIGHT STAR VENTURES

ICP CERTIFICATE OF ANALYSIS AK 2002-231

ECO TECH LABORATORY LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
236	6950N 13700E	<0.2	2.14	<5	100	<5	0.27	<1	16	34	24	3.07	<10	0.49	897	<1	0.01	23	1230	20	△	<20	12	0.11	<10	59	<10	5	100
237	6950N 13750E	<0.2	2.29	<5	75	5	0.16	<1	17	43	28	3.54	<10	0.61	405	<1	0.01	30	1070	18	△	<20	8	0.12	<10	69	<10	5	77
238	6950N 13800E	<0.2	1.82	<5	85	<5	0.31	<1	17	45	31	3.36	<10	0.72	361	<1	<0.01	30	670	16	△	<20	13	0.10	<10	63	<10	6	71
239	6950N 13850E	<0.2	2.11	<5	95	5	0.21	<1	19	46	27	3.67	<10	0.65	997	<1	0.01	42	910	18	△	<20	9	0.11	<10	67	<10	5	145
240	6950N 13900E	0.2	1.67	<5	95	<5	0.21	<1	31	50	40	5.10	<10	0.48	2162	4	0.01	70	1040	16	△	<20	8	0.15	<10	68	<10	8	132
241	6950N 13950E	<0.2	1.93	<5	105	<5	0.27	<1	20	47	40	3.57	10	0.76	1021	<1	0.01	38	1000	16	△	<20	13	0.11	<10	68	<10	7	109
242	6950N 14000E	0.3	2.43	<5	105	<5	0.50	<1	19	50	38	3.67	10	0.79	587	<1	0.02	38	580	20	△	<20	15	0.11	<10	69	<10	11	105
243	6950N 14050E	<0.2	2.04	<5	95	<5	0.27	<1	18	46	30	3.49	<10	0.73	548	<1	0.01	31	830	18	△	<20	11	0.10	<10	69	<10	5	103
244	6950N 14100E	<0.2	2.21	<5	105	<5	0.30	<1	18	46	28	3.41	<10	0.69	670	<1	0.01	30	800	18	△	<20	14	0.11	<10	69	<10	5	103
245	6950N 14150E	<0.2	2.05	<5	90	<5	0.29	<1	16	42	22	3.11	<10	0.60	378	<1	0.01	27	680	18	△	<20	13	0.09	<10	68	<10	5	85
246	6950N 14200E	0.5	2.48	<5	95	<5	0.77	<1	16	41	38	3.17	20	0.57	654	<1	0.02	31	610	22	△	<20	28	0.11	<10	60	<10	19	83
247	6950N 14250E	<0.2	2.23	<5	85	<5	0.22	<1	18	43	20	3.47	<10	0.63	358	<1	0.01	25	490	20	△	<20	11	0.10	<10	72	<10	4	77
248	6950N 14300E	0.2	2.39	<5	105	5	0.45	<1	22	50	35	3.60	10	0.71	645	<1	0.01	35	730	20	△	<20	19	0.10	<10	74	<10	8	84
249	6950N 14350E	<0.2	2.98	<5	130	<5	0.36	<1	20	67	55	4.12	10	1.01	509	<1	0.01	48	760	22	△	<20	16	0.11	<10	80	<10	7	90
250	6950N 14400E	<0.2	1.86	<5	110	<5	0.39	<1	14	35	20	3.00	<10	0.56	803	<1	0.01	21	930	16	△	<20	12	0.08	<10	57	<10	5	83
251	6950N 14450E	<0.2	2.17	<5	125	<5	0.38	<1	15	41	23	3.29	<10	0.66	598	<1	0.01	24	630	18	△	<20	10	0.09	<10	66	<10	6	81
252	6950N 14500E	<0.2	1.62	<5	135	<5	0.26	<1	13	31	16	2.84	<10	0.45	1292	<1	0.01	18	800	16	△	<20	10	0.09	<10	59	<10	4	97
253	6950N 14550E	<0.2	2.05	<5	155	<5	0.29	<1	16	37	26	3.22	10	0.61	594	<1	0.01	24	630	18	△	<20	11	0.09	<10	65	<10	6	83
254	6950N 14600E	0.3	2.35	<5	140	<5	0.95	<1	17	43	49	3.41	20	0.67	1061	<1	0.02	30	520	20	△	<20	18	0.10	<10	61	<10	16	85
255	7250N 12050E	<0.2	2.21	<5	80	<5	0.22	<1	20	40	59	3.44	<10	0.80	493	<1	<0.01	25	800	16	△	<20	12	0.12	<10	74	<10	5	68
256	7250N 12100E	<0.2	2.12	<5	75	<5	0.44	<1	23	59	71	4.27	20	1.09	633	<1	0.01	38	520	16	△	<20	19	0.13	<10	80	<10	17	64
257	7250N 12150E	<0.2	1.54	<5	75	<5	0.44	<1	15	37	33	2.79	10	0.63	488	<1	0.01	23	350	14	△	<20	25	0.10	<10	62	<10	8	52
258	7250N 12200E	0.5	2.79	<5	220	<5	0.92	<1	18	52	94	3.85	30	0.71	908	<1	0.02	45	470	22	△	<20	57	0.11	<10	71	<10	29	67
259	7250N 12250E	<0.2	3.08	<5	140	<5	0.81	<1	19	63	76	4.00	30	0.86	589	<1	0.02	50	390	24	△	<20	62	0.11	<10	72	<10	24	77
260	7250N 12300E	<0.2	2.30	<5	135	<5	0.73	<1	16	52	58	3.30	20	0.77	530	<1	0.02	39	560	20	△	<20	32	0.11	<10	65	<10	19	61
261	7250N 12350E	<0.2	1.65	330	485	<5	0.29	<1	<1	17	20	3.47	<10	0.55	263	22	0.02	44	<10	<2	110	<20	207	0.05	20	74	<10	<1	<1
262	7250N 12400E	<0.2	2.06	<5	170	<5	0.76	<1	17	39	38	2.92	20	0.70	1288	<1	0.02	29	400	18	△	<20	25	0.13	<10	58	<10	11	69
263	7250N 12450E	<0.2	1.77	<5	65	<5	0.32	<1	18	44	34	3.53	10	0.80	340	<1	0.01	25	490	14	△	<20	15	0.10	<10	72	<10	5	60
264	7250N 12500E	0.3	3.16	<5	160	<5	0.93	<1	18	48	64	3.51	20	0.69	885	<1	0.03	44	600	26	△	<20	57	0.13	<10	65	<10	15	68
265	7250N 12550E	<0.2	1.68	<5	65	<5	0.30	<1	17	47	38	3.42	10	0.66	327	<1	<0.01	26	910	12	△	<20	15	0.10	<10	68	<10	7	65
266	7250N 12600E	<0.2	1.91	<5	90	<5	0.50	<1	20	47	50	3.27	20	0.87	722	<1	0.01	31	780	16	△	<20	22	0.10	<10	66	<10	14	66
267	7250N 12650E	<0.2	1.64	<5	85	<5	0.47	<1	13	35	28	2.55	<10	0.56	336	<1	0.01	22	920	16	△	<20	17	0.08	<10	55	<10	3	83
268	7250N 12700E	<0.2	2.36	<5	130	5	0.47	<1	20	49	47	3.47	10	0.90	444	<1	0.02	39	580	18	△	<20	19	0.12	<10	68	<10	6	91
269	7250N 12750E	<0.2	1.70	<5	80	<5	0.83	<1	14	38	37	2.89	<10	0.65	273	<1	0.01	26	570	14	△	<20	14	0.09	<10	53	<10	6	67
270	7250N 12800E	<0.2	0.21	<5	70	<5	5.50	<1	3	6	55	0.36	<10	0.16	1325	1	0.02	22	800	6	△	<20	40	0.03	<10	21	<10	4	4

## BRIGHT STAR VENTURES

## ICP CERTIFICATE OF ANALYSIS AK 2002-231

## ECO TECH LABORATORY LTD.

El #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
271	7250N 12850E	<0.2	1.99	<5	65	<5	0.34	<1	17	41	24	3.17	<10	0.66	279	<1	0.01	24	730	16	△	<20	11	0.11	<10	65	<10	4	87
272	7250N 12900E	0.3	1.84	<5	70	<5	1.82	<1	11	31	71	2.14	20	0.39	812	<1	0.02	27	570	16	△	<20	11	0.08	<10	41	<10	15	35
273	7250N 12950E	<0.2	2.25	<5	105	<5	0.52	<1	20	50	47	3.81	10	0.87	374	<1	0.01	32	640	16	△	<20	13	0.10	<10	75	<10	8	68
274	7250N 13000E	0.3	1.92	<5	95	<5	1.38	<1	17	38	53	2.81	20	0.56	842	<1	0.01	29	390	16	△	<20	11	0.09	<10	53	<10	13	46
275	7250N 13350E	<0.2	2.25	5	105	<5	0.26	<1	19	45	41	3.53	10	0.71	1058	<1	<0.01	29	1420	18	△	<20	10	0.10	<10	69	<10	5	78
276	7250N 13400E	0.4	0.76	<5	20	<5	2.97	<1	6	10	36	0.92	<10	0.18	883	<1	0.01	15	680	8	△	<20	21	0.04	<10	20	<10	5	11
277	7250N 13450E	<0.2	1.84	<5	65	<5	0.28	<1	16	35	41	3.13	<10	0.72	325	<1	0.01	22	970	14	△	<20	12	0.09	<10	65	<10	5	52
278	7250N 13500E	<0.2	2.13	<5	70	<5	0.25	<1	17	37	38	3.36	10	0.69	249	<1	0.01	23	660	18	△	<20	11	0.11	<10	72	<10	5	55
279	7250N 13550E	0.2	1.92	<5	65	<5	0.25	<1	17	37	28	3.18	<10	0.71	357	<1	0.01	21	810	16	△	<20	10	0.10	<10	67	<10	4	59
280	7250N 13600E	<0.2	2.63	<5	81	5	0.27	<1	20	40	49	3.48	10	0.91	755	<1	0.01	25	1417	10	△	<20	16	0.11	<10	71	<10	6	80
281	7250N 13650E	0.8	4.20	<5	160	10	0.66	<1	20	50	75	4.14	30	0.93	1029	<1	0.02	39	660	18	△	<20	28	0.12	<10	78	<10	25	86
282	7250N 13700E	0.2	2.63	<5	75	<5	0.29	<1	18	38	50	4.41	20	0.84	732	<1	<0.01	18	1350	8	△	<20	18	0.09	<10	83	<10	6	89
283	7250N 13750E	<0.2	1.71	<5	70	<5	0.16	<1	14	28	15	2.66	<10	0.45	760	<1	0.01	15	1250	10	△	<20	8	0.08	<10	60	<10	5	83
284	7250N 13800E	<0.2	2.63	<5	90	5	0.22	<1	18	41	33	3.67	10	0.72	1068	<1	0.01	23	1160	14	△	<20	11	0.09	<10	75	<10	6	88
285	7250N 13850E	<0.2	2.83	<5	80	5	0.24	<1	18	42	59	3.62	20	0.76	650	<1	0.01	24	1020	14	△	<20	12	0.10	<10	72	<10	9	89
286	7250N 13900E	<0.2	2.48	<5	105	5	0.20	<1	18	47	38	3.88	10	0.84	972	<1	0.01	27	1060	12	△	<20	12	0.09	<10	79	<10	6	92
287	7250N 13950E	<0.2	2.70	<5	105	5	0.13	<1	18	48	35	3.80	10	0.76	1156	<1	0.01	26	1030	14	△	<20	11	0.10	<10	76	<10	7	89
288	7250N 14000E	<0.2	1.83	<5	80	<5	0.19	<1	20	39	26	3.78	10	0.55	890	2	0.01	33	440	10	△	<20	11	0.11	<10	68	<10	7	85
289	7250N 14050E	<0.2	2.22	<5	90	<5	0.14	<1	22	47	27	3.94	10	0.81	1159	<1	0.01	39	600	12	△	<20	9	0.09	<10	78	<10	6	95
290	7250N 14100E	0.2	1.66	5	90	<5	0.21	<1	15	33	31	2.94	10	0.51	365	1	<0.01	33	1140	10	△	<20	9	0.08	<10	48	<10	6	105
291	7250N 14150E	0.2	2.47	30	70	5	0.71	1	22	36	44	2.94	20	0.66	2281	<1	0.03	36	980	12	△	<20	25	0.11	<10	63	<10	14	102
292	7250N 14200E	0.2	3.16	15	90	<5	0.84	<1	16	46	64	3.45	30	0.63	556	<1	0.03	36	280	16	△	<20	41	0.11	<10	69	<10	30	76
293	7250N 14250E	<0.2	2.57	<5	120	<5	0.39	<1	13	37	35	3.22	20	0.51	221	<1	0.02	22	290	14	△	<20	20	0.07	<10	68	<10	13	61
294	7250N 14300E	<0.2	2.21	<5	80	5	0.24	<1	12	33	22	2.98	10	0.45	197	<1	0.01	19	750	12	△	<20	12	0.07	<10	65	<10	6	65
295	7250N 14350E	<0.2	2.05	<5	75	<5	0.35	<1	15	37	22	3.00	<10	0.66	489	<1	0.01	20	760	10	△	<20	12	0.07	<10	63	<10	5	67
296	7250N 14400E	<0.2	2.00	<5	90	5	0.29	<1	14	35	20	3.10	<10	0.60	334	<1	0.01	21	630	10	△	<20	10	0.07	<10	62	<10	5	93
297	7250N 14450E	<0.2	2.07	<5	90	<5	0.21	<1	14	40	24	3.37	<10	0.72	713	<1	<0.01	21	770	12	△	<20	8	0.06	<10	69	<10	5	72
298	7550N 12200E	<0.2	2.08	<5	80	<5	0.28	1	17	46	40	3.58	10	0.87	804	<1	0.01	27	1450	8	△	<20	15	0.07	<10	70	<10	7	90
299	7550N 12250E	<0.2	1.88	<5	80	<5	0.29	<1	17	40	27	3.19	<10	0.73	738	<1	0.01	23	960	8	△	<20	17	0.07	<10	66	<10	5	75
300	7550N 12300E	<0.2	1.80	<5	65	<5	0.49	<1	19	54	58	3.86	20	1.03	585	<1	0.01	31	850	6	△	<20	21	0.08	<10	74	<10	10	75
301	7550N 12350E	<0.2	1.82	<5	105	<5	0.20	<1	16	37	19	2.86	<10	0.80	447	<1	0.01	28	1210	8	△	<20	13	0.07	<10	60	<10	5	87
302	7550N 12400E	<0.2	2.04	<5	90	5	0.18	<1	14	32	18	2.78	<10	0.52	245	<1	0.01	25	1610	10	△	<20	11	0.07	<10	59	<10	5	65
303	7550N 12450E	<0.2	1.74	<5	60	<5	0.36	<1	20	47	41	3.55	10	0.98	728	<1	0.01	25	870	8	△	<20	19	0.07	<10	71	<10	8	72
304	7550N 12500E	<0.2	1.83	<5	70	<5	0.23	<1	16	41	30	3.13	<10	0.79	516	<1	0.01	28	820	8	△	<20	14	0.06	<10	62	<10	6	83
305	7550N 12550E	<0.2	2.05	<5	40	<5	0.34	<1	22	56	64	4.06	10	1.22	546	<1	0.01	32	960	6	△	<20	16	0.06	<10	60	<10	7	68

## BRIGHT STAR VENTURES

## ICP CERTIFICATE OF ANALYSIS AK 2002-231

## ECO TECH LABORATORY LTD.

El #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	NH	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
306	7550N 12600E	<0.2	1.67	<5	60	<5	0.33	<1	20	48	50	3.58	20	0.90	746	<1	<0.01	30	740	8	Δ	<20	19	0.09	<10	68	<10	10	80
307	7550N 12650E	<0.2	1.82	<5	55	<5	0.37	<1	21	55	83	3.93	10	1.11	587	<1	0.01	32	470	8	Δ	<20	20	0.09	<10	80	<10	9	63
308	7550N 12700E	<0.2	1.63	<5	90	<5	0.33	<1	17	44	30	3.41	<10	0.87	741	<1	<0.01	23	690	8	Δ	<20	18	0.07	<10	70	<10	6	73
309	7550N 12750E	<0.2	2.14	<5	110	<5	0.36	<1	14	41	42	3.00	20	0.69	732	<1	0.02	27	430	12	Δ	<20	19	0.07	<10	65	<10	18	93
310	7550N 12800E	<0.2	2.25	<5	105	<5	0.47	<1	15	43	48	3.26	30	0.79	598	<1	0.02	30	440	10	Δ	<20	18	0.07	<10	67	<10	24	83
311	7550N 12850E	<0.2	1.94	<5	80	5	0.15	<1	13	30	18	2.62	<10	0.48	365	<1	0.01	19	1790	10	Δ	<20	9	0.06	<10	54	<10	5	88
312	7550N 12900E	<0.2	2.52	<5	80	<5	0.29	<1	19	47	49	3.78	10	0.85	632	<1	0.01	35	710	10	Δ	<20	13	0.08	<10	74	<10	7	76
313	7550N 12950E	<0.2	1.92	<5	120	<5	0.35	<1	15	35	20	2.84	<10	0.60	1420	<1	0.01	20	1430	10	Δ	<20	21	0.07	<10	58	<10	4	96
314	7550N 13000E	<0.2	2.18	<5	70	<5	0.46	<1	20	53	54	4.04	10	1.06	554	<1	0.01	30	300	8	Δ	<20	17	0.08	<10	79	<10	8	68
315	7550N 13050E	<0.2	2.14	<5	55	<5	0.25	<1	14	40	25	3.28	<10	0.70	279	<1	0.01	24	530	10	Δ	<20	9	0.06	<10	65	<10	5	71
316	7550N 13100E	<0.2	2.00	<5	60	<5	0.36	<1	19	54	53	3.97	10	1.20	563	<1	0.01	30	730	6	Δ	<20	19	0.10	<10	79	<10	9	68
317	7550N 13150E	0.2	2.66	<5	95	5	0.87	1	13	31	36	2.62	20	0.42	2008	<1	0.03	33	500	12	Δ	<20	18	0.11	<10	49	<10	20	109
318	7550N 13200E	<0.2	2.09	<5	55	<5	0.44	<1	23	55	57	4.18	20	1.24	565	<1	0.01	31	620	8	Δ	<20	18	0.10	<10	82	<10	12	63
319	7550N 13250E	<0.2	2.15	<5	60	<5	0.24	<1	17	43	37	3.54	<10	0.79	415	<1	0.01	25	890	10	Δ	<20	13	0.08	<10	73	<10	7	64
320	7550N 13300E	<0.2	1.84	<5	70	<5	0.46	<1	17	44	40	3.32	10	0.97	522	<1	0.01	25	610	10	Δ	<20	22	0.09	<10	70	<10	11	58
321	7550N 13350E	<0.2	2.12	<5	95	<5	0.53	<1	14	35	42	2.91	10	0.64	638	<1	0.01	23	850	12	Δ	<20	21	0.07	<10	61	<10	9	67
322	7550N 13400E	<0.2	2.17	<5	70	<5	0.17	<1	13	33	23	2.91	<10	0.45	239	<1	0.01	19	1710	10	Δ	<20	9	0.06	<10	62	<10	6	57
323	7550N 13450E	<0.2	2.81	<5	100	<5	0.30	<1	17	42	38	3.48	10	0.68	284	<1	0.02	25	550	12	Δ	<20	15	0.08	<10	76	<10	9	57
324	7550N 13500E	<0.2	2.72	<5	110	5	0.71	<1	15	42	49	3.25	20	0.64	1425	<1	0.02	29	540	14	Δ	<20	19	0.10	<10	71	<10	12	84
325	7550N 13550E	<0.2	2.72	<5	85	<5	0.51	<1	14	42	29	2.77	10	0.57	334	<1	0.02	29	370	16	Δ	<20	30	0.09	<10	57	<10	9	73
326	7550N 13600E	<0.2	2.52	<5	110	<5	0.36	<1	15	44	41	3.32	20	0.74	390	<1	0.02	30	810	12	Δ	<20	18	0.07	<10	66	<10	11	75
327	7550N 13650E	<0.2	2.06	<5	65	<5	0.72	<1	24	53	72	4.24	30	1.22	939	<1	0.02	34	1280	8	Δ	<20	24	0.09	<10	81	<10	20	72
328	7550N 13700E	<0.2	2.86	<5	70	<5	0.64	<1	19	48	168	3.75	20	0.88	578	<1	0.02	35	530	14	Δ	<20	24	0.10	<10	77	<10	20	84
329	7550N 13750E	<0.2	2.76	<5	80	<5	0.23	<1	18	45	53	3.74	<10	0.77	431	<1	0.01	27	1040	12	Δ	<20	12	0.06	<10	80	<10	6	85
330	7550N 13800E	<0.2	2.21	<5	70	<5	0.25	<1	14	38	33	3.07	<10	0.61	306	<1	0.01	23	910	10	Δ	<20	10	0.07	<10	65	<10	6	71
331	7550N 13850E	<0.2	2.22	<5	80	10	0.33	<1	14	39	22	3.16	<10	0.60	246	<1	0.02	22	990	12	Δ	<20	12	0.07	<10	65	<10	6	73
332	7550N 13900E	<0.2	2.81	<5	105	<5	0.26	<1	18	46	39	3.78	10	0.77	573	<1	0.01	29	1150	12	Δ	<20	11	0.08	<10	74	<10	8	88
333	7550N 13950E	0.4	2.67	<5	60	5	0.42	<1	16	45	27	3.50	10	0.73	394	<1	0.02	26	290	12	Δ	<20	16	0.08	<10	73	<10	10	80
334	7850N 12250E	<0.2	1.61	<5	60	<5	0.35	<1	20	41	51	3.49	<10	0.95	740	<1	<0.01	27	1000	6	Δ	<20	19	0.09	<10	65	<10	7	66
335	7850N 12300E	<0.2	2.19	<5	80	<5	0.32	<1	18	45	51	3.48	10	0.94	473	<1	<0.01	27	760	8	Δ	<20	18	0.09	<10	76	<10	9	64
336	7850N 12350E	<0.2	2.80	<5	80	<5	0.31	<1	21	33	109	4.86	<10	1.04	662	<1	0.02	22	700	8	Δ	<20	13	0.10	<10	147	<10	7	75
337	7850N 12400E	0.2	3.59	<5	90	<5	0.64	<1	38	54	223	4.39	30	0.88	1933	<1	0.02	40	1780	12	Δ	<20	23	0.11	<10	95	<10	19	85
338	7850N 12450E	<0.2	2.47	<5	60	<5	0.29	<1	22	50	76	3.94	<10	1.08	389	<1	0.01	42	290	8	Δ	<20	20	0.10	<10	89	<10	8	61
339	7850N 12500E	<0.2	2.24	<5	45	<5	0.38	<1	22	53	60	4.57	10	1.45	605	<1	<0.01	29	300	8	Δ	<20	19	0.11	<10	92	<10	9	84
340	7850N 12550E	<0.2	1.84	<5	65	<5	0.34	<1	20	45	51	3.71	<10	0.96	609	<1	0.01	30	710	8	Δ	<20	16	0.10	<10	75	<10	9	64

BRIGHT STAR VENTURES

ICP CERTIFICATE OF ANALYSIS AK 2002-231

ECO TECH LABORATORY LTD.

El #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
341	7850N 12600E	<0.2	3.07	<5	105	<5	0.27	<1	27	46	93	3.95	<10	0.88	973	<1	0.01	41	750	12	<5	<20	25	0.11	<10	84	<10	8	79
342	7850N 12650E	<0.2	2.51	<5	75	<5	0.25	<1	17	33	45	2.87	<10	0.54	415	<1	0.02	27	1180	10	<5	<20	15	0.09	<10	60	<10	7	70
343	7850N 12700E	<0.2	2.73	<5	85	<5	0.36	<1	21	52	62	4.17	20	0.93	942	<1	0.01	38	340	12	<5	<20	19	0.10	<10	86	<10	18	85
344	7850N 12750E	<0.2	2.31	<5	95	<5	0.36	<1	19	38	40	3.32	<10	0.81	648	<1	0.01	29	530	8	<5	<20	16	0.09	<10	72	<10	7	108
345	7850N 12800E	<0.2	1.82	<5	45	<5	0.39	<1	18	48	49	3.76	10	1.00	424	<1	0.01	30	250	6	<5	<20	17	0.09	<10	73	<10	12	59
348	7850N 12850E	<0.2	2.09	<5	70	5	0.20	<1	16	36	23	2.93	<10	0.59	429	<1	0.01	26	810	10	<5	<20	12	0.08	<10	63	<10	6	93
347	7850N 12900E	<0.2	2.91	<5	85	<5	0.78	1	17	42	93	3.52	40	0.65	1319	<1	0.03	45	260	12	<5	<20	23	0.11	<10	69	<10	32	62
348	7850N 12950E	<0.2	2.93	<5	75	<5	0.73	<1	16	37	53	3.17	30	0.59	650	<1	0.03	44	250	14	<5	<20	24	0.10	<10	59	<10	23	67
349	7850N 13000E	<0.2	1.28	<5	60	<5	0.35	<1	14	31	18	2.43	<10	0.40	385	<1	0.01	16	960	6	<5	<20	12	0.07	<10	59	<10	4	73
350	7850N 13050E	<0.2	1.92	<5	65	<5	0.25	<1	15	36	26	2.88	<10	0.61	589	<1	0.01	24	640	8	<5	<20	11	0.07	<10	59	<10	7	78
351	7850N 13100E	<0.2	2.31	<5	85	<5	0.28	<1	16	40	31	3.13	<10	0.71	404	<1	0.01	26	1050	8	<5	<20	14	0.08	<10	62	<10	7	87
352	7850N 13150E	0.2	2.48	<5	95	<5	0.47	<1	19	53	51	4.03	20	1.04	459	<1	0.02	43	270	10	<5	<20	20	0.10	<10	62	<10	16	74
353	7850N 13200E	<0.2	2.02	<5	65	<5	0.28	<1	17	44	30	3.23	<10	0.83	403	<1	0.01	30	860	8	<5	<20	17	0.08	<10	66	<10	6	71
354	7850N 13250E	<0.2	2.05	<5	65	<5	0.25	<1	15	37	29	3.07	<10	0.50	351	<1	0.01	22	1020	8	<5	<20	12	0.07	<10	66	<10	7	65
355	7850N 13300E	<0.2	1.74	<5	60	<5	0.30	<1	17	38	24	3.12	<10	0.66	485	<1	0.01	21	710	6	<5	<20	16	0.07	<10	67	<10	5	80
356	7850N 13350E	<0.2	1.89	<5	55	<5	0.23	<1	15	40	34	3.15	<10	0.71	281	<1	0.01	25	720	8	<5	<20	12	0.07	<10	66	<10	6	62
357	7850N 13400E	0.2	2.34	<5	80	<5	0.31	<1	15	40	32	3.02	<10	0.61	390	<1	0.02	28	1280	10	<5	<20	16	0.07	<10	61	<10	8	82
358	7850N 13450E	0.2	2.03	<5	70	<5	0.58	<1	14	39	22	2.88	<10	0.64	346	<1	0.02	28	1070	8	<5	<20	26	0.07	<10	61	<10	5	77
359	7850N 13500E	<0.2	2.01	<5	75	<5	0.48	<1	14	41	22	2.82	<10	0.64	426	<1	0.02	28	1140	8	<5	<20	20	0.07	<10	60	<10	5	80
360	7850N 13550E	0.4	2.41	<5	110	<5	0.39	<1	15	43	37	3.00	10	0.65	472	<1	0.02	35	690	10	<5	<20	26	0.07	<10	62	<10	11	98
361	7850N 13600E	0.2	2.06	<5	90	<5	0.28	<1	14	38	27	2.68	<10	0.56	417	<1	0.02	29	860	10	<5	<20	19	0.06	<10	57	<10	8	86
362	7850N 13650E	<0.2	1.83	<5	80	<5	0.18	<1	14	35	16	2.52	<10	0.48	401	<1	0.02	26	1130	8	<5	<20	15	0.07	<10	54	<10	5	81
363	7850N 13700E	<0.2	1.86	<5	85	<5	0.26	<1	13	34	18	2.68	<10	0.50	310	<1	0.02	26	1120	8	<5	<20	20	0.07	<10	58	<10	5	83
364	7850N 13750E	<0.2	2.03	<5	90	<5	0.39	<1	14	44	42	2.95	20	0.72	812	<1	0.02	29	430	8	<5	<20	28	0.07	<10	65	<10	22	90
365	7850N 13800E	<0.2	2.31	<5	70	<5	0.19	<1	13	33	32	2.73	10	0.47	416	<1	0.02	24	1180	10	<5	<20	13	0.06	<10	59	<10	9	96
366	7850N 13850E	<0.2	1.96	<5	70	<5	0.22	<1	13	35	21	2.92	<10	0.63	596	<1	0.01	19	1040	8	<5	<20	11	0.07	<10	64	<10	5	74
367	7850N 13900E	<0.2	1.95	<5	100	<5	0.30	<1	15	37	20	3.21	<10	0.57	458	<1	0.01	24	1080	8	<5	<20	14	0.08	<10	73	<10	5	71
368	7850N 13950E	<0.2	2.01	<5	75	<5	0.29	<1	15	38	22	3.16	<10	0.63	255	<1	0.02	23	680	8	<5	<20	14	0.08	<10	70	<10	6	58
369	7850N 14000E	0.2	2.32	<5	105	<5	0.25	<1	17	37	25	3.24	<10	0.64	565	<1	0.01	25	1110	10	<5	<20	14	0.08	<10	68	<10	6	85
370	7850N 14050E	<0.2	2.22	<5	85	<5	0.25	<1	15	38	23	3.16	<10	0.69	604	<1	0.01	22	730	10	<5	<20	12	0.08	<10	68	<10	5	76
371	7850N 14100E	1.0	3.99	<5	90	5	0.56	<1	12	28	41	2.25	20	0.38	145	<1	0.04	23	1070	18	<5	<20	20	0.10	<10	45	<10	17	111
372	7850N 14150E	<0.2	2.08	<5	65	<5	0.22	<1	15	42	21	3.45	<10	0.58	450	<1	0.02	24	960	10	<5	<20	9	0.08	<10	81	<10	5	88
373	7850N 14200E	0.6	2.72	<5	90	<5	0.24	<1	18	38	50	3.56	10	0.70	455	<1	0.02	26	910	10	<5	<20	11	0.09	<10	73	<10	11	242



El #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
<b>Standard:</b>																													
GEO '02		1.6	1.74	50	145	<5	1.71	<1	21	71	86	3.81	10	0.99	640	<1	0.03	33	700	22	<5	<20	44	0.14	<10	79	<10	12	77
GEO '02		1.4	1.71	55	150	<5	1.70	<1	20	70	84	3.78	<10	0.95	654	<1	0.03	34	660	22	<5	<20	44	0.13	<10	79	<10	10	76
GEO '02		1.6	1.69	55	145	<5	1.74	<1	20	70	82	3.82	<10	0.93	662	<1	0.03	35	640	24	<5	<20	42	0.13	<10	79	<10	9	79
GEO '02		1.6	1.58	55	140	<5	1.67	<1	20	66	80	3.69	<10	0.91	639	<1	0.02	33	680	22	<5	<20	37	0.13	<10	74	<10	10	76
GEO '02		1.6	1.54	55	145	<5	1.63	<1	19	65	80	3.63	<10	0.88	630	<1	0.02	32	670	24	<5	<20	37	0.13	<10	72	<10	9	75
GEO '02		1.4	1.63	80	150	<5	1.69	<1	21	67	84	3.73	10	0.93	650	<1	0.03	34	690	24	<5	<20	39	0.15	<10	74	<10	10	77
GEO '02		1.4	1.68	55	140	<5	1.68	<1	20	65	87	3.66	10	0.96	637	<1	0.02	32	680	16	<5	<20	40	0.10	<10	73	<10	11	74
GEO '02		1.4	1.79	55	135	<5	1.70	<1	20	68	96	3.77	<10	1.00	654	<1	0.03	32	700	18	<5	<20	44	0.10	<10	77	<10	11	74
GEO '02		1.6	1.85	50	145	<5	1.70	<1	20	69	85	3.82	<10	1.02	663	<1	0.03	34	690	18	<5	<20	48	0.10	<10	80	<10	11	74

JJ/kk  
 dt/231/231a/231b/231c  
 XLS/02

ECO TECH LABORATORY LTD.  
 Jutta Jeelouse  
 B.C. Certified Assayer



# CERTIFICATE OF ANALYSIS AK 2002-231

**BRIGHT STAR VENTURES**  
Suite 205 - 555 Burrard Street  
**Po Box 218**  
Vancouver, BC, V7X 1M7

16-Aug-02

**ATTENTION: Bill Yeomans**

*No. of samples received: 373*

*Sample Type: Soil*

**Project #: Tulameen**

**Shipment #: 15**

*Samples submitted by: Bright Star Ventures*

ET #.	Tag #	Mesh Size	Au (ppb)	Pd (ppb)	Pt (ppb)
1	5750N 12700E		5	5	<5
2	5750N 12750E		10	15	15
3	5750N 12800E		<5	15	<5
4	5750N 12850E		5	10	5
5	5750N 12900E		<5	<5	5
6	5750N 12950E		<b>Insufficient Sample</b>		
7	5750N 13000E		5	<5	<5
8	5750N 13050E		5	<5	5
9	5750N 13100E		<5	<5	<5
10	5750N 13150E		<5	<5	5
11	5750N 13200E		<5	<5	<5
12	5750N 13250E		<5	<5	<5
13	5750N 13300E		5	<5	5
14	5750N 13350E		<5	<5	<5
15	5750N 13400E		5	<5	5
16	5750N 13450E		<5	<5	5
17	5750N 13500E		<5	<5	5
18	5750N 13550E		<5	<5	5
19	5750N 13600E		<5	<5	10
20	5750N 13650E		40	<5	10
21	5750N 13700E		<5	<5	<5
22	5750N 13750E		<5	<5	5
23	5750N 13800E		<5	<5	5
24	5750N 13850E		<5	<5	<5
25	5750N 13900E		<5	<5	15
26	5750N 13950E		<5	<5	<5
27	5750N 14000E		<5	5	5
28	5750N 14050E		<5	5	<5

BRIGHT STAR VENTURES

16-Aug-02

ET #.	Tag #	Mesh Size	Au (ppb)	Pd (ppb)	Pt (ppb)
29	5750N 14100E		<5	<5	<5
30	5750N 14150E		<5	5	15
31	5750N 14200E		<5	<5	15
32	5750N 14250E		<5	<5	<5
33	5750N 14300E		<5	10	<5
34	5750N 14350E		<5	5	10
35	5750N 14400E		<5	5	<5
36	5750N 14450E		<5	5	5
37	5750N 14500E		<5	<5	<5
38	5750N 14550E		No Sample		
39	6050N 12100E		No Sample		
40	6050N 12150E	-65	<5	<5	5
41	6050N 12200E	-65	<5	5	<5
42	6050N 12250E	-65	<5	<5	5
43	6050N 12300E	-65	<5	<5	<5
44	6050N 12350E		60	<5	15
45	6050N 12400E		145	<5	<5
46	6050N 12450E		<5	<5	5
47	6050N 12500E		15	<5	<5
48	6050N 12550E		15	<5	<5
49	6050N 12600E		No Sample		
50	6050N 12650E		160	<5	<5
51	6050N 12700E		10	<5	<5
52	6050N 12750E		25	<5	<5
53	6050N 12800E	-48	10	<5	10
54	6050N 12850E	-48	10	<5	10
55	6050N 12900E		<5	<5	<5
56	6050N 12950E		<5	<5	10
57	6050N 13000E		<5	<5	<5
58	6050N 13050E		<5	<5	<5
59	6050N 13100E		5	<5	20
60	6050N 13150E	-48	5	<5	<5
61	6050N 13200E		<5	<5	<5
62	6050N 13250E		<5	<5	<5
63	6050N 13300E		<5	<5	5
64	6050N 13350E		<5	<5	<5
65	6050N 13400E		<5	<5	5
66	6050N 13450E		<5	<5	<5
67	6050N 13500E		<5	<5	<5
68	6050N 13550E		<5	<5	5
69	6050N 13600E		<5	<5	<5
70	6050N 13650E		<5	<5	<5
71	6050N 13700E		<5	<5	10
72	6050N 13750E		<5	<5	10
73	6050N 13800E		<5	<5	<5
74	6050N 13850E		<5	<5	<5
75	6050N 13900E		<5	<5	<5
76	6050N 13950E		<5	<5	<5
77	6050N 14000E		<5	10	10

## BRIGHT STAR VENTURES

16-Aug-02

ET #.	Tag #	Mesh Size	Au (ppb)	Pd (ppb)	Pt (ppb)
78	6050N 14050E		<5	10	<5
79	6050N 14100E		<5	5	5
80	6050N 14150E		<5	<5	<5
81	6050N 14200E		<5	<5	<5
82	6050N 14250E		<5	5	5
83	6050N 14300E		<5	<5	<5
84	6050N 14350E		<5	<5	<5
85	6050N 14400E		<5	<5	10
86	6050N 14450E		<5	<5	<5
87	6050N 14500E		<5	<5	<5
88	6050N 14550E		<5	<5	10
89	6350N 11600E		<5	<5	10
90	6350N 11650E		20	<5	<5
91	6350N 11700E		5	<5	<5
92	6350N 11750E		<5	<5	<5
93	6350N 11800E		<5	10	15
94	6350N 11850E		<5	5	15
95	6350N 11900E		<5	<5	20
96	6350N 11950E		<5	<5	<5
97	6350N 12000E		<5	<5	<5
98	6350N 12050E	-65	<5	<5	<5
99	6350N 12100E	-65	5	15	10
100	6350N 12150E		5	<5	<5
101	6350N 12200E	-65	<5	<5	<5
102	6350N 12250E		<5	<5	<5
103	6350N 12300E		<5	5	<5
104	6350N 12350E		<5	<5	<5
105	6350N 12400E		<5	<5	<5
106	6350N 12450E		<5	<5	5
107	6350N 12500E		<5	<5	<5
108	6350N 12550E		<5	<5	<5
109	6350N 12600E		<5	<5	<5
110	6350N 12650E		<5	<5	5
111	6350N 12700E		5	<5	<5
112	6350N 12750E		<5	<5	5
113	6350N 12800E		<5	<5	5
114	6350N 12850E		<5	<5	5
115	6350N 12900E		<5	<5	<5
116	6350N 12950E		<5	5	<5
117	6350N 13000E		<5	<5	<5
118	6350N 13050E		5	<5	<5
119	6350N 13100E		<5	<5	<5
120	6350N 13150E		<5	5	5
121	6350N 13200E		<5	<5	15
122	6350N 13250E		5	<5	<5
123	6350N 13300E		<5	<5	<5
124	6350N 13350E		<5	<5	<5
125	6350N 13400E		<5	<5	<5
126	6350N 13450E	-65	5	<5	10

## BRIGHT STAR VENTURES

16-Aug-02

ET #.	Tag #	Mesh Size	Au (ppb)	Pd (ppb)	Pt (ppb)
127	6350N 13500E		<5	<5	<5
128	6350N 13550E		<5	<5	<5
129	6350N 13600E	-65	<5	<5	<5
130	6350N 13650E		5	5	5
131	6350N 13700E		5	5	5
132	6350N 13750E		5	<5	15
133	6350N 13800E		35	<5	15
134	6350N 13850E	-65	<5	<5	<5
135	6350N 13900E		5	<5	<5
136	6350N 13950E		5	<5	<5
137	6350N 14000E		<5	<5	<5
138	6350N 14050E		5	5	5
139	6350N 14100E		<5	<5	10
140	6350N 14150E		<5	<5	<5
141	6350N 14200E		<5	<5	<5
142	6350N 14250E		<5	<5	<5
143	6350N 14300E		<5	<5	5
144	6350N 14350E		<5	<5	<5
145	6350N 14400E		<5	<5	<5
146	6350N 14450E		<5	<5	5
147	6350N 14500E		<5	<5	5
148	6350N 14550E		<5	<5	<5
149	6650N 11900E		<5	<5	10
150	6650N 11950E		<5	<5	<5
151	6650N 12000E		<5	<5	5
152	6650N 12050E	-48	<5	<5	5
153	6650N 12100E		<5	<5	5
154	6650N 12150E		<5	5	<5
155	6650N 12200E		<5	5	5
156	6650N 12250E		10	15	5
157	6650N 12300E		<5	<5	10
158	6650N 12350E		5	5	<5
159	6650N 12400E		5	<5	10
160	6650N 12450E		<5	<5	<5
161	6650N 12500E		<5	<5	5
162	6650N 12550E		<5	<5	<5
163	6650N 12600E		<5	<5	<5
164	6650N 12650E	-65	<5	<5	<5
165	6650N 12700E		No Sample		
166	6650N 12750E		No Sample		
167	6650N 12800E		No Sample		
168	6650N 12850E		No Sample		
169	6650N 12900E		<5	<5	<5
170	6650N 12950E		10	<5	<5
171	6650N 13000E		<5	5	<5
172	6650N 13050E		5	<5	<5
173	6650N 13100E		10	<5	5
174	6650N 13150E		5	<5	5
175	6650N 13200E		5	<5	<5

## BRIGHT STAR VENTURES

16-Aug-02

ET #.	Tag #	Mesh Size	Au (ppb)	Pd (ppb)	Pt (ppb)
176	6650N 13250E		<5	<5	5
177	6650N 13300E		5	<5	5
178	6650N 13350E		5	<5	<5
179	6650N 13400E		<5	<5	5
180	6650N 13450E		5	<5	5
181	6650N 13500E		<5	<5	5
182	6650N 13550E		<5	<5	<5
183	6650N 13600E		<5	<5	<5
184	6650N 13650E		5	<5	5
185	6650N 13700E		<5	<5	<5
186	6650N 13750E		<5	<5	10
187	6650N 13800E		<5	<5	5
188	6650N 13850E		<5	5	<5
189	6650N 13900E		<5	<5	10
190	6650N 13950E		<5	<5	<5
191	6650N 14000E		75	<5	5
192	6650N 14050E		<5	5	<5
193	6650N 14100E		<5	<5	<5
194	6650N 14150E	-65	10	<5	<5
195	6650N 14200E		<5	5	10
196	6650N 14250E		<5	<5	<5
197	6650N 14300E		<5	<5	<5
198	6650N 14350E		<5	<5	<5
199	6650N 14400E	-48	10	<5	<5
200	6950N 11900E	-65	<5	<5	5
201	6950N 11950E	-65	<5	<5	<5
202	6950N 12000E		<5	<5	5
203	6950N 12050E		<5	<5	<5
204	6950N 12100E		<5	<5	<5
205	6950N 12150E		<5	<5	<5
206	6950N 12200E		<5	<5	5
207	6950N 12250E		<5	<5	5
208	6950N 12300E		<5	<5	5
209	6950N 12350E		<5	<5	10
210	6950N 12400E		5	<5	<5
211	6950N 12450E		5	<5	10
212	6950N 12500E		<5	<5	<5
213	6950N 12550E		<5	<5	10
214	6950N 12600E		<5	<5	<5
215	6950N 12650E	-48	<5	<5	<5
216	6950N 12700E	-48	<5	<5	<5
217	6950N 12750E		<5	<5	<5
218	6950N 12800E		<5	<5	<5
219	6950N 12850E	-48	5	<5	<5
220	6950N 12900E		5	<5	<5
221	6950N 12950E		<5	<5	<5
222	6950N 13000E		<5	<5	<5
223	6950N 13050E		<5	5	<5
224	6950N 13100E		5	5	10

## BRIGHT STAR VENTURES

16-Aug-02

ET #.	Tag #	Mesh Size	Au (ppb)	Pd (ppb)	Pt (ppb)
225	6950N 13150E		<5	<5	<5
226	6950N 13200E		<5	<5	<5
227	6950N 13250E		<5	<5	15
228	6950N 13300E		<5	<5	5
229	6950N 13350E		<5	5	<5
230	6950N 13400E		<5	<5	<5
231	6950N 13450E		<5	<5	<5
232	6950N 13500E		<5	<5	<5
233	6950N 13550E		<5	<5	<5
234	6950N 13600E		<5	<5	<5
235	6950N 13650E		<5	<5	<5
236	6950N 13700E		<5	<5	5
237	6950N 13750E		<5	<5	15
238	6950N 13800E		<5	<5	5
239	6950N 13850E		<5	5	5
240	6950N 13900E		<5	<5	<5
241	6950N 13950E		<5	<5	<5
242	6950N 14000E		5	<5	15
243	6950N 14050E		<5	<5	<5
244	6950N 14100E		<5	<5	10
245	6950N 14150E		<5	<5	<5
246	6950N 14200E		<5	<5	<5
247	6950N 14250E		<5	5	10
248	6950N 14300E		<5	<5	<5
249	6950N 14350E		<5	<5	<5
250	6950N 14400E		<5	<5	<5
251	6950N 14450E		<5	<5	<5
252	6950N 14500E		<5	<5	10
253	6950N 14550E		<5	<5	5
254	6950N 14600E		<5	<5	<5
255	7250N 12050E		<5	<5	<5
256	7250N 12100E		<5	<5	<5
257	7250N 12150E		<5	<5	<5
258	7250N 12200E	-48	<5	<5	<5
259	7250N 12250E		<5	<5	<5
260	7250N 12300E		<5	<5	<5
261	7250N 12350E		<5	<5	<5
262	7250N 12400E	-48	<5	<5	<5
263	7250N 12450E		<5	<5	<5
264	7250N 12500E		<5	<5	<5
265	7250N 12550E		<5	<5	<5
266	7250N 12600E		<5	<5	<5
267	7250N 12650E		<5	<5	5
268	7250N 12700E		<5	<5	<5
269	7250N 12750E		<5	<5	<5
270	7250N 12800E	-48	<5	<5	10
271	7250N 12850E		<5	5	<5
272	7250N 12900E		<5	5	<5
273	7250N 12950E		<5	<5	5

## BRIGHT STAR VENTURES

16-Aug-02

ET #.	Tag #	Mesh Size	Au (ppb)	Pd (ppb)	Pt (ppb)
274	7250N 13000E		<5	<5	10
275	7250N 13350E		<5	<5	<5
276	7250N 13400E		<5	5	<5
277	7250N 13450E		<5	<5	5
278	7250N 13500E		5	<5	<5
279	7250N 13550E		<5	5	<5
280	7250N 13600E		<5	<5	<5
281	7250N 13650E		<5	<5	<5
282	7250N 13700E		<5	<5	5
283	7250N 13750E		<5	5	10
284	7250N 13800E		<5	<5	5
285	7250N 13850E		5	5	5
286	7250N 13900E		5	5	20
287	7250N 13950E		5	<5	5
288	7250N 14000E		<5	<5	<5
289	7250N 14050E		5	<5	5
290	7250N 14100E		5	<5	<5
291	7250N 14150E		5	<5	<5
292	7250N 14200E		<5	<5	<5
293	7250N 14250E		5	<5	20
294	7250N 14300E		<5	<5	20
295	7250N 14350E		<5	<5	20
296	7250N 14400E		<5	<5	<5
297	7250N 14450E		<5	<5	<5
298	7550N 12200E		<5	<5	<5
299	7550N 12250E		<5	<5	10
300	7550N 12300E		<5	<5	30
301	7550N 12350E		<5	<5	<5
302	7550N 12400E		<5	<5	20
303	7550N 12450E		5	<5	<5
304	7550N 12500E		<5	<5	<5
305	7550N 12550E		5	5	5
306	7550N 12600E		<5	<5	<5
307	7550N 12650E		<5	<5	5
308	7550N 12700E		<5	<5	<5
309	7550N 12750E		<5	5	<5
310	7550N 12800E		<5	<5	<5
311	7550N 12850E		<5	<5	10
312	7550N 12900E		<5	<5	<5
313	7550N 12950E		<5	<5	<5
314	7550N 13000E		<5	<5	<5
315	7550N 13050E		<5	<5	<5
316	7550N 13100E		<5	<5	<5
317	7550N 13150E		<5	<5	<5
318	7550N 13200E		<5	<5	5
319	7550N 13250E		<5	<5	<5
320	7550N 13300E		<5	<5	10
321	7550N 13350E		<5	<5	5
322	7550N 13400E		<5	<5	5

## BRIGHT STAR VENTURES

16-Aug-02

ET #.	Tag #	Mesh Size	Au (ppb)	Pd (ppb)	Pt (ppb)
323	7550N 13450E		<5	<5	10
324	7550N 13500E		<5	<5	10
325	7550N 13550E		<5	<5	15
326	7550N 13600E		<5	<5	<5
327	7550N 13650E		<5	<5	<5
328	7550N 13700E		<5	5	10
329	7550N 13750E		<5	<5	<5
330	7550N 13800E		<5	<5	<5
331	7550N 13850E		<5	<5	<5
332	7550N 13900E		<5	<5	<5
333	7550N 13950E		<5	<5	10
334	7850N 12250E		<5	<5	<5
335	7850N 12300E		<5	<5	<5
336	7850N 12350E		<5	<5	10
337	7850N 12400E		<5	<5	<5
338	7850N 12450E		<5	<5	20
339	7850N 12500E		<5	<5	<5
340	7850N 12550E		<5	<5	<5
341	7850N 12600E		<5	<5	<5
342	7850N 12650E		<5	<5	<5
343	7850N 12700E		<5	<5	<5
344	7850N 12750E		<5	<5	<5
345	7850N 12800E		<5	<5	5
346	7850N 12850E		<5	<5	<5
347	7850N 12900E		<5	<5	<5
348	7850N 12950E		<5	<5	<5
349	7850N 13000E		<5	<5	<5
350	7850N 13050E		5	<5	10
351	7850N 13100E		<5	<5	<5
352	7850N 13150E		<5	<5	<5
353	7850N 13200E		<5	<5	<5
354	7850N 13250E		<5	<5	<5
355	7850N 13300E		<5	<5	<5
356	7850N 13350E		<5	<5	<5
357	7850N 13400E		<5	<5	5
358	7850N 13450E		<5	<5	<5
359	7850N 13500E		<5	<5	<5
360	7850N 13550E		<5	<5	10
361	7850N 13600E		<5	<5	<5
362	7850N 13650E		<5	<5	5
363	7850N 13700E		<5	<5	<5
364	7850N 13750E		<5	5	<5
365	7850N 13800E		5	<5	<5
366	7850N 13850E		<5	<5	5
367	7850N 13900E		<5	<5	<5
368	7850N 13950E		<5	5	5
369	7850N 14000E		5	<5	<5
370	7850N 14050E		<5	<5	<5
371	7850N 14100E		5	<5	5
372	7850N 14150E		<5	<5	10
373	7850N 14200E		<5	<5	<5



ET #.	Tag #	Au (ppb)	Pd (ppb)	Pt (ppb)
<b>QC DATA:</b>				
<b>Repeat:</b>				
7	5750N 13000E	5	<5	<5
11	5750N 13200E	<5	<5	<5
29	5750N 14100E	<5	<5	<5
48	6050N 12550E	<5	<5	<5
58	6050N 13050E	<5	<5	5
64	6050N 13350E	<5	<5	5
74	6050N 13850E	<5	<5	<5
89	6350N 11600E	<5	<5	<5
95	6350N 11900E	<5	<5	30
109	6350N 12600E	<5	<5	<5
117	6350N 13000E	<5	<5	<5
122	6350N 13250E	5	<5	5
137	6350N 14000E	<5	<5	<5
145	6350N 14400E	<5	<5	<5
155	6650N 12200E	15	5	5
163	6650N 12600E	<5	<5	<5
171	6650N 13000E	<5	<5	5
189	6650N 13900E	<5	<5	5
197	6650N 14300E	<5	<5	5
203	6950N 12050E	<5	<5	<5
213	6950N 12550E	<5	<5	5
224	6950N 13100E	5	10	10
233	6950N 13550E	<5	<5	<5
243	6950N 14050E	<5	<5	<5
251	6950N 14450E	15	<5	<5
265	7250N 12550E	<5	<5	<5
271	7250N 12850E	<5	<5	<5
281	7250N 13650E	<5	<5	<5
290	7250N 14100E	<5	<5	<5
301	7550N 12350E	<5	<5	<5
310	7550N 12800E	<5	<5	<5
321	7550N 13350E	<5	<5	<5
330	7550N 13800E	<5	<5	<5
341	7850N 12600E	<5	<5	<5
350	7850N 13050E	<5	<5	10
361	7850N 13600E	70	<5	<5

ET #.	Tag #	Au (ppb)	Pd (ppb)	Pt (ppb)
<b>Standard:</b>				
	PG101	70	570	250
	PG101	70	520	300
	PG101	70	580	290
	PG101	70	570	280
	PG101	70	590	290
	PG101	75	580	250
	PG101	70	580	300
	PG101	70	580	280
	PG101	70	570	310
	PG101	60	550	300
	PG101	70	580	280
	PG101	70	600	280
	PG101	70	540	290
	PG101	70	590	250
	PG101	70	580	290
	PG101	70	580	290
	PG101	70	590	300
	PG101	70	560	250
	PG101	70	570	250

ECO TECH LABORATORY LTD.

Jutta Jealous

B.C. Certified Assayer

JJ/kk  
XLS/02

## Appendix C

## STATEMENT OF QUALIFICATIONS – WILLIAM C. YEOMANS

I, William C. Yeomans, hereby certify the following:

1. I am an independent consulting geologist, employed by Yeomans Geological Services, with office at 3225 Oriole Drive, Westbank, B.C., V4T 1A4
2. I earned a Bachelor of Science (Hons.) in Geology in 1982 at Queen's University in Kingston, Ontario, Canada.
3. I am a Professional Geoscientist registered with The Association of Professional Engineers and Geoscientists of the Province of British Columbia, registration No. 27187.
4. I am a Qualified Person (QP) as outlined in National Instrument 43-101 of the Canadian Securities Administrators (CSA).
5. I have read National Instrument 43-101 and Form 43-101F1.
6. I have practised my profession for 20 years, and I am experienced in mineral exploration throughout the Americas. I have managed exploration programs encompassing planning, setting up and supervising of the following: drilling; logging; sampling and laboratory protocols for reverse circulation, diamond drill core, planning and execution of regional and detailed geochemistry and geological surveys, database development and management in several countries. I have integrated geological, geochemical, and geophysical data modeling utilizing GIS and other software.
7. The geological report dated April, 2002 and titled "Bright Star Ventures Preliminary Prospecting Results and Proposed PGE Exploration Program for the Tulameen Ultramafic, Similkameen District, South Central British Columbia, Canada," is a compilation of data provided to me by Bright Star Ventures.
8. This report was prepared for Bright Star Ventures Ltd. and is based on data provided to me by the company, which are believed to be accurate. Although all reasonable care has been taken in the preparation of this report and the author stands behind his interpretations, the author is not responsible for errors and inaccuracies arising from data that might not be accurate.
9. I hereby give permission to Bright Star Ventures Ltd. to use this report in its complete and unedited form. Permission must be obtained from me before publication of any excerpt or summary from this report.

Dated the 17 th day of November, 2002.

*William C. Yeomans*.....

William C. Yeomans, B.Sc. (Hons.), P.Geo. (APEGBC)  
(Association of Professional Engineers and Geoscientists of British Columbia)

