ASSESSMENT REPORT
ON
GEOLOGICAL & GEOCHEMICAL WORK
ON THE FOLLOWING CLAIMS

CROESUS 1 ..... 6129(5)
CROESUS 2 ..... 6130(5)
CROESUS 3 ..... 6131(5)
CROESUS 4 ..... 6132(5)

NOTICE TO GROUP #3009712

located

34 KM EAST OF
STEWART, BRITISH COLUMBIA
SKEENA MINING DIVISION

56 degrees 00 minutes latitude
129 degrees 31 minutes longitude

N.T.S. 104A/4E, 104A/3W, 103P/13E & 103P/14W

PROJECT PERIOD: July 1 to Oct. 7, 1991

ON BEHALF OF
TEUTON RESOURCES CORP.
VANCOUVER, B.C.

REPORT BY

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509-675 W. Hastings
Vancouver, B.C.

Date: January 31, 1992

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1. INTRODUCTION

A. Property, Location, Access and Physiography

The property is located about 34 km east of Stewart, British Columbia. Nearest paved road is the Bear River Highway about 13 km to the north. Access is presently limited to helicopter, either from the base at Stewart (Vancouver Island Helicopters) or from the Ellsworth Logging Camp on Highway 13 (Highland Helicopters). The latter is generally more suitable both because of its greater proximity to the property and also because of the absence of high, intervening mountains. There is a possibility that logging roads running west across the Nass River from Highway 13 may one day provide the closest approach to the property.

The Croesus claims are centered roughly at the foot of Del Norte Glacier, which flows east out of the Cambria Icefield and gives rise to Del Norte Creek. Elevations vary from approximately 1050 meters on the creek bed at the eastern edge of the property to more than 2000 meters near ridge tops. Vegetation in the area changes from a mantle of mountain hemlock and balsam at low-lying elevations to shrubs, mountain grasses and heather at higher elevations. Slopes range from moderate to steep to precipitous.

Climate is relatively severe, particularly at higher elevations. Because the property lies on the eastern edge of the Cambria Icefield, precipitation is not as pronounced as in the immediate Stewart area.

B. Status of Property

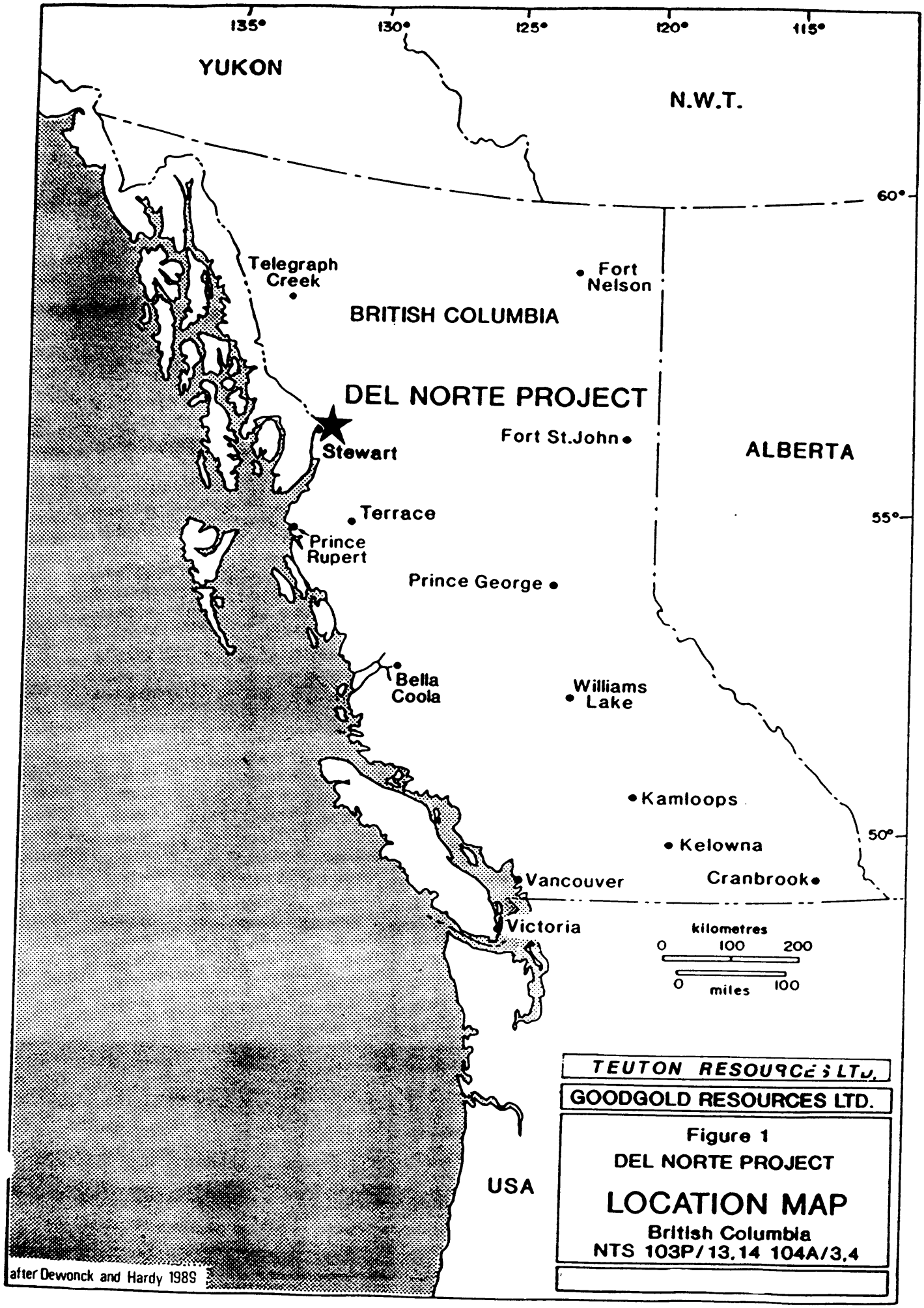
Relevant claim information is summarized below:

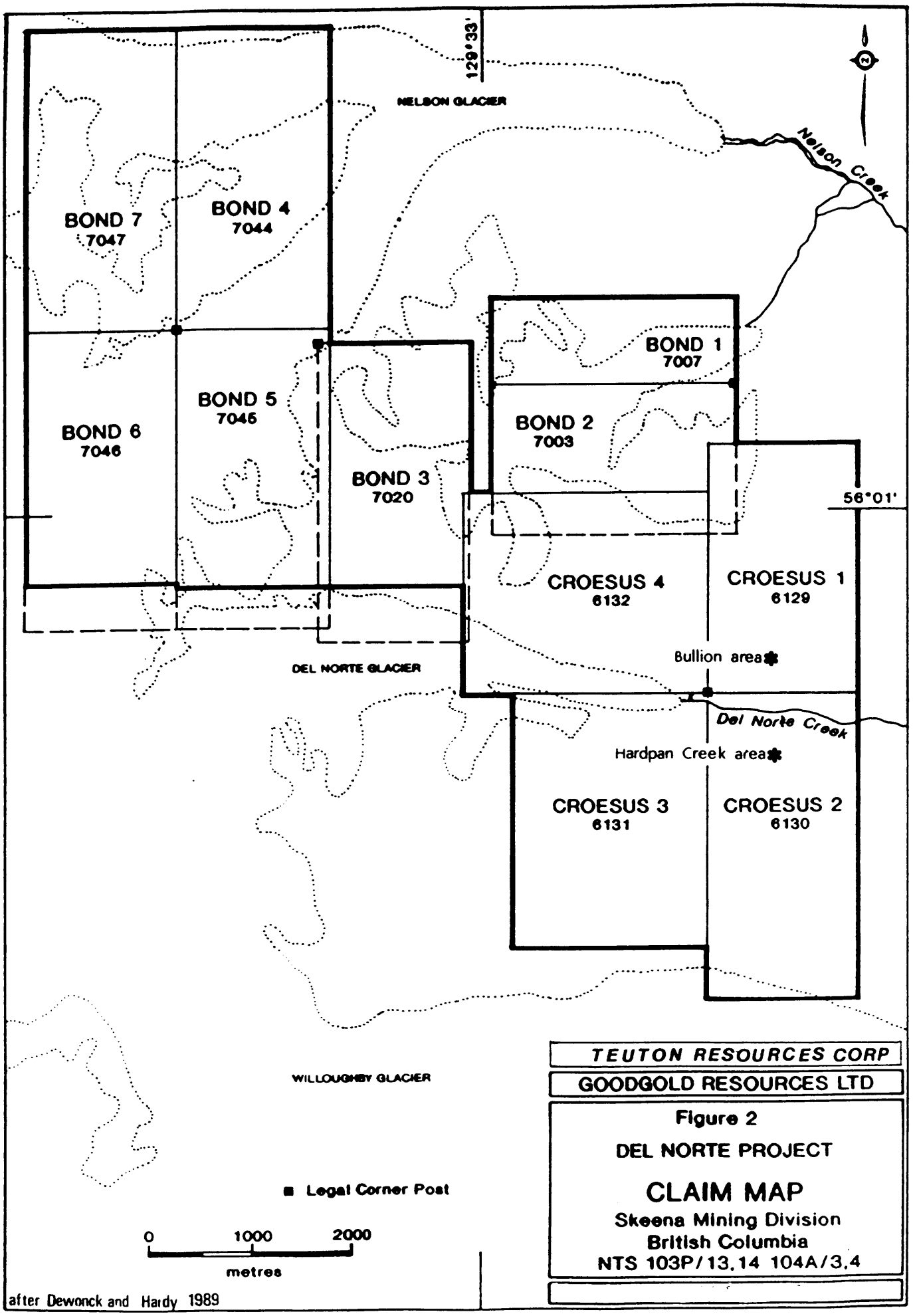
Name	Record No.	No. of Units	Record Date
Croesus 1	6129(5)	15	May 4, 1987
Croesus 2	6130(5)	18	May 4, 1987
Croesus 3	6131(5)	20	May 4, 1987
Croesus 4	6132(5)	20	May 4, 1987

Claim locations are shown on Fig. 2 after government N.T.S. maps. The claims are owned by Teuton Resources Corp. of Vancouver, British Columbia. During the first part of the 1991 assessment work program the claims were under option to Goodgold Resources Ltd. of Vancouver; Goodgold relinquished its option in August of 1991. Further work was financed by Teuton Resources Corp.

C. History

Records indicate that the property was originally staked as the "Bullion" claim, sometime prior to 1913. This early work was


135°
130°
125°
120°
115°
YUKON
N.W.T.
60°
Telegraph Creek
Fort Nelson
BRITISH COLUMBIA
DEL NORTE PROJECT
Stewart
Fort St.John
ALBERTA
Terrace
55°
Prince Rupert
Prince George
Bella Coola
Williams Lake
Kamloops
Kelowna
50°
Vancouver
Cranbrook
Victoria
kilometres
0 100 200
0 miles 100
USA
after Dewonck and Hardy 1989
TEUTON RESOURCES LTD.
GOODGOLD RESOURCES LTD.
Figure 1
DEL NORTE PROJECT
LOCATION MAP
British Columbia
NTS 103P/13,14 104A/3,4


129°33'
NELSON GLACIER
Nelson Creek
BOND 7
7047
BOND 4
7044
BOND 1
7007
BOND 5
7045
BOND 6
7046
BOND 2
7003
BOND 3
7020
56°01'
CROESUS 4
6132
CROESUS 1
6129
Bullion area
DEL NORTE GLACIER
Del Norte Creek
Hardpan Creek area
CROESUS 3
6131
CROESUS 2
6130
WILLOUGHBY GLACIER
Legal Corner Post
0
1000
2000
metres
after Dewonck and Hardy 1989
TEUTON RESOURCES CORP
GOODGOLD RESOURCES LTD
Figure 2
DEL NORTE PROJECT
CLAIM MAP
Skeena Mining Division
British Columbia
NTS 103P/13,14 104A/3,4

undoubtedly a follow-up to the small-scale placer gold operations reported to have taken place on Nelson, Del Norte and Willoughby Creeks.

Between this first staking and 1922, when the property was restaked as the Delnorte Group by Green and Ficklin of Hyder, Alaska, a small adit was driven to test a zone of quartz veining paralleling the contact between Bowser sediments and Hazelton volcaniclastics (on the north side of Del Norte Creek, Croesus 1 claim: cf. Bullion grid, supra). In 1939, Owen McFadden of Stewart, backed by a syndicate, explored the ground by a series of fifteen open-cuts and some small popholes. At this time the property was known as the "Meziadin Group". In the same year, the property was visited by Dr. Mandy of the B.C. Department of Mines; Mandy examined and sampled several of the showings. Samples results indicated erratic low-grade gold mineralization associated with copper and occasional zinc values (Ref. 7, 1939). According to extant records, most of the sampling was from the north side of Del Norte Creek.

Exploration carried out during this period was severely restricted by difficult access. The trail leading into the Del Norte Creek drainage from the end of the Bear River road was over 75 km long and entailed two difficult mountain crossings.

In the 1960's the area was explored again by companies searching for porphyry copper deposits. This, and subsequent work, was supported by helicopter. In the late 1970's and early 1980's, renewed exploration efforts concentrated on precious metals. Apparently, this work did not uncover anything of importance in the Del Norte Creek area (Ref. 6).

In 1987 Teuton Resources Corp. acquired the Croesus claims and carried out a program of rock and silt sampling (Ref. 9). Silt samples taken from the creek draining the Bullion showing returned moderate to highly anomalous values in gold, silver, copper, lead, and zinc. The best rock grab sample assayed 19,300 ppb Au and came from a quartz sulfide lens in a prominent gossan on the southern side of Del Norte Creek (Hardpan Creek area).

In 1988 Teuton followed up on these results with a limited program of geological mapping, prospecting, rock sampling and soil sampling in the Bullion and Hardpan Creek areas (Ref. 10). Two zones, one featuring lead-zinc mineralization, the other copper-gold, were discovered in the Hardpan Creek drainage. Several grab samples taken peripheral to these zones returned anomalous values in gold, silver, copper, lead and zinc.

On the strength of the 1988 work, and collaterally because of the enthusiasm generated by the major Eskay Creek discoveries, Teuton was able to option the property to Goodgold Resources Ltd. in 1989. During 1989, Goodgold contracted Aerodat (Ref. 11) to

carry out an airborne EM and Magnetometer survey over the property. Results outlined a magnetically higher central area (corresponding to volcanic rocks, and/or intrusives) flanked on the northwest and east by a lower slowly varying magnetic field (corresponding to sedimentary rocks). Goodgold also completed a small surface program concentrating on the Bullion area, with mixed results (Ref. 12).

In 1990, Goodgold mounted a major $500,000+ program focussing mostly on the Hardpan Creek portion of the property and consisting of a preliminary phase of grid construction, mapping/prospecting, blasting/trenching, soil geochemical sampling, and geophysical surveying, followed by a second phase of diamond drilling entailing 12 holes (total 1,119m). Results of this work were compiled in a lengthy report by Bishop and Gal (Ref. 13, on file with BCEMPR).

References

1. GROVE, E.W. (1971): Bulletin 58, Geology and Mineral Deposits of the Stewart Area. B.C.M.E.M.P.R.

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6. DOWNING, B.W. (1983); "Report on the Wilby Creek Group, Meziadin Lake, B.C.", private report for Viscount Resources Corp.

7. BCDM SPECIAL REPORT 3 (1939); "Meziadin Group"--Geological sketch and sample map by Dr. J.T. Mandy, Resident Engineer, Prince Rupert.

8. BCDM MINISTER OF MINES ANNUAL REPORTS;
   1922-77
   1939-67

9. CREMONESE, D.M. (1988); Assessment Report on Geochemical Work on the Croesus Claims. On file with BCDEMPR.

10. CREMONESE, D.M. (1989); Assessment Report on Geochemical Work on the Croesus 2,3 Claims. On file with BCDEMPR.

11. DVORAK, Z. (1989); Report on Combined Helicopter Magnetic, Electormagnetic and VLF Survey, Del Norte Area, Cambria Range, B.C.; Aerodat Ltd. Private Report for Goodgold Resources Ltd.

12. DEWONCK, B. AND HARDY, J. (1989); Summary Report on the Goodgold Resources Ltd. Del Norte Project and Max Project; Report by Orequest Consultants Ltd. for Goodgold Resources Ltd.

13. BISHOP, C. AND GAL, L. (1991); Summary Report on 1990 Geological, Geochemical, and Geophysical Surveys, Trenching and Diamond Drilling Results on the Del Norte Property. Report by International Kodiak Resources Inc. for Teuton Resources Corp. and Goodgold Resources Ltd. On File with BCEMPR.

14. LeBEL, J.L. (1989); Report on Del Norte Creek Property and Max Property. Private report for Sierra Madre Resources Inc.

E. Summary of Work Done.

The bulk of the 1991 geological and geochemical program on the property was undertaken by contractor Nicholson & Associates under the supervision of the author. The project spanned the period from July 1 to October 7, 1991.

Crew, camp, equipment and supplies were mobilized by helicopter from the Ellsworth Logging Camp on Highway 13. The first area to be investigated was on the north side of Del Norte Creek, the "Bullion Grid" area (cf. Figs. 5-14), opposite the Hardpan Creek zones explored in 1990. A grid was established with maximum dimensions of 1,200 m (N-S) and 800 m (E-W). A soil geochem program over the Bullion grid consisted of 431 samples; rock sampling consisted of 149 samples. Geological mapping was also undertaken in this area.

A few weeks into the program, one of the geologists discovered a possible porphyry gold-copper zone or zones about 1km west of the Bullion Grid. Subsequently some reconnaissance geochem soil lines were emplaced in this area, prospecting and silt samples taken, and trench and diamond saw rock samples taken. All told 148 soil samples, 71 rock samples and 22 silt samples were collected from the "Porphyry" area (cf. Figs. 15-16).

Follow-up trenching and sampling were also carried out on the Hardpan Creek side on the Humdinger zone (97 rock samples) and the Grizzly zone (32 samples). Results are presented in Fig. 17.

During the latter part of the program, a geophysical crew was also brought in to carry out IP and Mag surveys over the Porphyry Zone and EM/Mag surveys over the Bullion Grid area. Because this work was completed with scattered coverage only, the data has not been entered into this report. However, on the Bullion Grid Compilation map (Fig. 14) the outline of a local magnetic anomaly has been included because it coincides well with certain geochem soil anomalies. [Note: None of the costs or expenses associated with any of the geophysical surveys have been incorporated within the work cost statement.]

All samples taken during the 1991 assessment work program were analysed for gold by standard AA techniques, as well as for 30 elements by I.C.P. (Inductively Coupled Argon Plasma) at the Eco-Tech facility in Kamloops, B.C. Samples containing high values in silver or base metals were subjected to wet chemical assays and high golds were additionally tested by the metallics method to determine whether coarse gold was present.

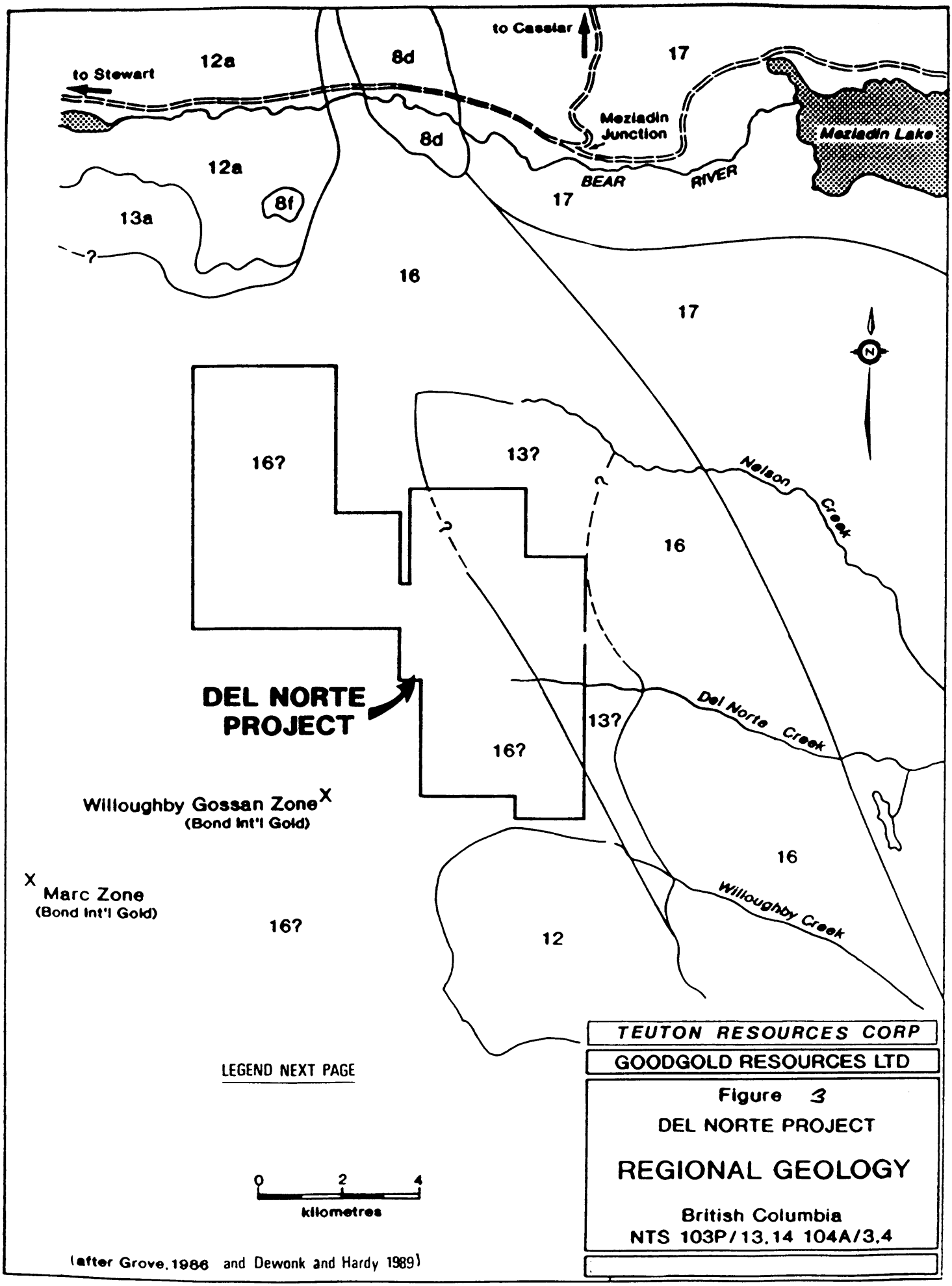
2. TECHNICAL DATA AND INTERPRETATION

A. Regional Geology

The property lies along the eastern edge of a broad, north-northwest trending belt of Triassic and Jurassic volcanic and sedimentary rocks termed by Grove (1971) as the "Stewart Complex". This belt is bounded to the west by the Coast Crystalline Belt (mainly granodiorites) and to the east by a thick series of sedimentary rocks known as the Bowser Assemblage (Middle Jurassic to Upper Jurassic age).

A major contact between sedimentary rocks of the Bowser Group and volcaniclastics of the lower Jurassic Hazelton Group passes north-south between Strohn Creek and the White River. In between these two watercourses are three west-east flowing streams originating in the Cambria icefield and all carrying placer gold. These streams, from north to south, are Nelson Creek, Del Norte (also known as "Porter") Creek and Willoughby Creek. The source of the placer gold has intrigued Stewart area prospectors for many years. Although Bond Gold's Marc Zone gold discovery at Red Mountain, about 12 km west of the property, has focussed some recent attention on the area, it has till now received little attention from government geologists and the best studies are in private reports. The author was able to locate a good description of regional geology in this area from such a report--a lenghty excerpt from Downing (1983) follows:

"Tectonically, the Bowser-Hazelton contact appears to be a thrust zone with Bowser sediment "slices" occurring within and overlying the Hazelton volcaniclastics to the west. No Hazelton rocks were noted overlying the Bowser sediments to the east. The


to Cassiar
to Stewart
12a
8d
17
Meziadin Junction
Meziadin Lake
BEAR
RIVER
8d
12a
8f
13a
17
16
17
16?
13?
Nelson Creek
16
DEL NORTE PROJECT
13?
Del Norte Creek
16?
Willoughby Gossan Zone
(Bond Int'l Gold)
16
Marc Zone
(Bond Int'l Gold)
16?
12
Willoughby Creek
LEGEND NEXT PAGE
0 2 4
kilometres
(after Grove, 1986 and Dewonk and Hardy 1989)
TEUTON RESOURCES CORP
GOODGOLD RESOURCES LTD
Figure 3
DEL NORTE PROJECT
REGIONAL GEOLOGY
British Columbia
NTS 103P/13,14 104A/3,4

LEGEND for Figure 4

SEDIMENTARY AND VOLCANIC ROCKS
(after Grove, 1986)

QUATERNARY

RECENT

CENOZOIC

20 — UNCONSOLIDATED DEPOSITS: RIVER FLOODPLAIN, ESTUARINE, RIVER CHANNEL AND TERRACES, ALLUVIAL FANS, DELTAS AND BEACHES, OUTWASH, GLACIAL LAKE SEDIMENTS, TILL, PEAT, LANDSLIDES, VOLCANIC ASH, HOTSPRING DEPOSITS

19 — BASALT FLOWS (a), CINDERS, ASH (b)

PLEISTOCENE AND RECENT

18 — BASALT FLOWS

JURASSIC

HAZELTON GROUP

UPPER JURASSIC

NASS FORMATION

MESOZOIC

17 — SILTSTONE, GREYWACKE, SANDSTONE, SOME CALCARENITE, ARGILLITE, CONGLOMERATE, MINOR LIMESTONE, MINOR COAL (INCLUDING EQUIVALENT SHALE, PHYLLITE, AND SCHIST)

MIDDLE JURASSIC

SALMON RIVER FORMATION

16 — SILTSTONE, GREYWACKE, SANDSTONE, SOME CALCARENITE, MINOR LIMESTONE, ARGILLITE, CONLOMERATE, LITTORAL DEPOSITS

15 — RHYOLITE, RHYOLITE BRECCIA; CRYSTAL AND LITHIC TUFF

BETTY CREEK FORMATION

14 — PILLOW LAVA, BROKEN PILLOW BRECCIA (a); ANDESITIC AND BASALTIC FLOWS (b)

13 — GREEN, RED, PURPLE, AND BLACK VOLCANIC BRECCIA, CONLOMGERATE, SANDSTONE, AND SILTSTONE (a); CRYSTAL AND LITHIC TUFF (b); SILTSTONE (c); MINOR CHERT AND LIMESTONE (INCLUDES SOME LAVA (+14)) (d)

LOWER JURASSIC

UNUK RIVER FORMATION

12 — GREEN, RED, AND PURPLE VOLCANIC BRECCIA, CONGLOMERATE, SANDSTONE, AND SILTSTONE (a); CRYSTAL AND LITHIC TUFF (b); SANDSTONE (c); CONGLOMERATE (d); LIMESTONE (e); CHERT (f); MINOR COAL (g)

11 — PILLOW LAVA (a); VOLCANIC FLOWS (b)

TRIASSIC

UPPER TRIASSIC

TAKLA GROUP (?)

10 — SILTSTONE, SANDSTONE, CONGLOMERATE (a); VOLCANIC SILTSTONE, SANDSTONE, CONLOMGERATE (b); AND SOME BRECCIA (c); CRYSTAL AND LITHIC TUFF (d); LIMESTONE (e)

PLUTONIC ROCKS

OLIGOCENE AND YOUNGER

CENOZOIC

9 — DYKES AND SILLS (SWARMS), DIORITE (a); QUARTZ DIORITE (b); GRANODIORITE (c); BASALT (d)

EOCENE (STOCKS, ETC.) AND OLDER

8 — QUARTZ DIORITE (a); GRANODIORITE (b); MONZONITE (c); QUARTZ MONZONITE (d); AUGITE DIORITE (e); FELDSPAR PORPHYRY (f)

7 — COAST PLUTONIC COMPLEX: GRANODIORITE (a); QUARTZ DIORITE (b); QUARTZ MONZONITE, SOME GRANITE (c); MIGMATITE – AGMATITE (d)

Bowser sediments include shale, silt-mudstone, wacke and conglomerate while andesitic to rhyolitic tuffs and flows, limestone and argillite make up the Hazelton assemblage. The predominant dip direction of bedding in the Bowser sediments is northeasterly. Along the west fork to Suprise Creek, the Hazelton-Bowser contact is well preserved--tuffs and coarse tuff breccia overlain by a basal conglomerate grading to wacke-silt-mudstone-shale.

Several medium to coarse-grained porphyritic (potash feldspar) quartz monzonite and biotite granodiorite stocks occur along the contact zone. Other intrusives include augite to hornblende plagioclase porphyries of possible volcanic origin and northwest trending lamprophyre and hornblende porphyry dykes which in places form a dyke swarm, all of which occur predominantly south of the Stewart highway (Nelson-Porter-Willoughby Creeks area). [Note: Downing uses "Porter" to describe Del Norte Creek--this is an alternative name].

Metamorphism is predominantly of the greenschist facies on a regional scale. Andalusite occurs in the argillites on the west fork to Surprise Creek. Biotite hornfels zones are associated with a majority of the quartz monzonite-granodiorite stocks.

The east-west flowing Strohn and Bear Creeks (Stewart highway section) occur along a major tectonic break which transects the northerly trending structural fabric in the Stewart area. The sense and amount of displacement along this break (strike slip fault?) is unknown. Displacement along the Bowser-Hazelton contact in the Willoughby-Bowser Lake area is unknown, however, offset along this contact on the Long Lake fault north of Stewart indicates approximately 1500 feet (Grove, 1971). A dominant pyritic shear zone up to ten meters across occurs near the Hazelton-Bowser contact from Willoughby to Porter Creeks."

Property location relative to regional geology is shown on Fig. 3.

B. Property Geology

The local geology of the property area was sketched by Dr. Mandy, B.C. Department of Mines in 1939 (Ref. 7). Mandy shows the major volcaniclastic-sediment (Hazelton-Bowser) contact running roughly north-south, about 1,000 m or so east of the Legal Post for the Croesus claims. The volcaniclastics are described as a sequence of andesitic breccia (some lava), andesite, andesite tuff and lava locally pyritized and silicified, carbonate tuff locally pryitized and transitional tuffs/argillites.

The Bullion Grid area was mapped 1n 1991 by geologist Brian Game at a scale of 1:2,000. Results are presented in this report in Fig. 5. (Location relative to claim boundaries may be ascertained by reference to Fig. 4--Index Map).

The mapping shows a roughly NNW trending strike to two major units, the Betty Creek Formation (on the west) and the overlying Salmon River Formation (on the east). The Betty Creek Formation has been subdivided into five sub-units: 3a--intermediate plagioclase porphyry flows (andesite); 3b--intermediate ash lapilli and plagioclase crystal tuffs; 3c--agglomerate; 3d--argillite; and, 3e--strongly phyllic-argillic altered volcanics. Similarly, the Salmon River Formation has been refined into four sub-units: 2a--argillite, laminated mudstone; 2b--cherty argillite; 2c--siltstone; and, 2d--chert pebble conglomerate. A third unit, the Ashman Formation, consisting of argillite and intraformational conglomerates outcrops in the southeast corner of the Bullion Grid. Several plagioclase hornblende porphyry dykes have also been mapped in this locality. Large portions of the grid area were not mapped because of extreme topography or talus cover.

Prospecting 1 km west of the Bullion Grid area disclosed a zone on the north side of the Del Norte Glacier marked by a series of blood-red discolored, resistive knobs jutting out of the glacial hardpan. Within this zone, a sub-area area was discovered and subsequently named the "Crackle Zone" because it featured a network of quartz stringers/veins (approx. 6 per 3m section), varying from 1 to 15 cm in width, within a silicified crystal tuff (Betty Creek Formation). The stringers/veins were observed to contain medium to coarse-grained inclusions of chalcopyrite, pyrite and to a lesser extent massive coarse-grained magnetite plus or minus arsenopyrite. Dip is generally 40-50 degrees to the west with a north-south strike. Observed outcrop of the Crackle Zone is about 50 by 100 m, possible extensions obscured by glacial hardpan, overburden and snow/ice. The Crackle Zone has been detailed at a scale of 1:200 in an inset map of Figs. 15-16. A large area surrounding the Crackle Zone is marked by pervasive propylitic and argillic alteration.

C. Geochemistry - Bullion Grid Area

a. Introduction

The Bullion Grid was constructed from an offset 1,200 m long, S-N baseline with cross-lines every 50m. Length of cross-lines varied according to topographical conditions, which were severe at many localities. Maximum E-W range of the cross-lines was 800m. Sample stations were every 25 m along the cross-lines.

The field crew collected 431 soil and 149 rock geochem samples from the Bullion Grid area. Grid location was fixed by reference to a base map prepared from an orthophoto.

b. Treatment of Data

Rock sample results have been presented in this report on Fig. 6 (Au, Ag & As Values) and Fig. 7 (Cu, Pb & Zn Values). Both

figures are at a scale of 1:2000; location relative to claim lines is indexed on Fig. 4. The majority of rock samples taken consisted of 1.0 m chip samples of outcrop. Continuous interval sampling at any one location has been duly noted in Figs. 6 and 7. Geochem sample values which were high enough to warrant further analysis by assay methods have been indicated in boldface.

Soil sample results are presented on Figs. 8 to 13, inclusive. These show, respectively, values for Au, Ag, As, Cu, Pb and Zn. Geochemical contours have been plotted using the Probplot program. Contour levels were chosen empirically, on a trial-and-error basis, the better to distinguish anomalous areas from background. This has been found to be a better method than rigorously applying standard statistical methods to the data set to define anomalous and non-anomalous categories.

The soil geochem maps were prepared to the same scale as the rock geochem maps and cover the identical area.

c. Discussion

The following observations were made after a review of the rock and soil geochem data from the Bullion Grid area:

a. A strong Au-Pb-Zn-Cu (Ag) soil geochem anomaly is apparent in the western part of the grid between lines 4N and 6N, coincident with a N-S trending Mag anomaly. Similar geochem anomalies SSE in the lower part of the grid may represent a continuation of the source or downhill contamination. The intervening area between lines 2N and 4N was not sampled due to steepness of terrain.

   Several of the rock samples taken in this area contained anomalous lead, zinc, gold and silver values, but nothing of exceptional grade. Whether the strong Pb and Zn soil geochem values (1000 ppm+) indicated in the core of the anomaly are explained by the outcrops already sampled, or are due to an undiscovered source, is not known. 1990 geochem surveys on the Hardpan Creek side generated similar Pb and Zn soil magnitudes but these were found to be associated with massive galena and sphalerite mineralization (cf. Twilight and Grizzly showings).

b. A quartz sulfide vein, dubbed the "NMG Vein", was discovered in the NE quadrant of the grid, outcropping intermittently over a distance of 225 m. Like the LG vein discovered in 1990 to the north (on the Nelson Creek side), it lies along the volcanic-sedimentary contact. Best assay came from a 1m chip sample across the NMG vein at its southernmost exposure: 0.31 oz/ton gold and 16.67 oz/ton silver (#DM-MR-82646). The vein is tentatively associated with a sharp, flanking silver soil

anomaly between Lines 10.5N and 7.5N; a coincident gold anomaly is also apparent over a lesser interval.

The silver-gold anomaly located at the SE corner of the grid may reflect a southern continuation of the vein or another structure. Sample #82512 from this area ran 0.23 opt gold and 5.29 opt silver.

c. Moderate to high-grade values were obtained from small veins exposed along the eastern bank of the central creek: see #'s 82502, 82503 and 82415. A select grab from the latter ran 0.75 opt Au, 52.21 opt Ag.

D. Geochemistry--Porphyry Zones

a. Introduction:

Discovery of a porphyry-type geological setting about 1 km west of the Bullion Grid area led to an expansion of the 1991 program. The first sub-area to be investigated was the so-called "Crackle Zone", outcropping in moraine just north of the toe of the Del Norte Glacier. Rock geochem reconnaissance samples were taken from this zone as well as outlying areas featuring similar mineralization, followed by diamond saw and trench sampling. Three soil contour lines were emplaced to test the area above the Crackle Zone.

An investigation of the large area south of Del Norte Glacier, just across the ice from the Crackle Zone, showed pervasive propylitic and argillic alteration. This area was tested by three long soil contour lines, silt sampling of two streams and minor rock geochem reconnaissance sampling.

Altogether 148 soil geochem samples, 71 rock samples and 22 silt samples were taken from the Porphyry zones. Grid location was fixed by reference to a base map prepared from an orthophoto.

b. Treatment of Data

Rock, soil, and silt geochem data is presented in this report in Fig. 15 (Sample Location Map) and Fig. 16 (Au, As & Cu Values). Both figures are at a scale of 1:5000. An inset map details the Crackle Zone; the majority of rock samples taken from diamond saw cuts consisted of 1.0 m interval samples of outcrop. Rock sample values which were high enough to warrant further analysis by assay methods are indicated in boldface.

The soil geochem data was not contoured because sampling was confined to irregular, often wide-spaced, topographical contour lines.

c. Discussion

Because the Crackle Zone appeared to be visually promising, most of the follow-up work was concentrated on this area (cf. Detail Map, Figs.15-16). Unfortunately, this work was completed before assay values were in from the original reconnaissance samples: these unexpectedly showed low values in gold and low to fair values in copper.

As it turned out, follow-up detail work would have been more fruitful in another area of quartz stockworking located a few hundred meters to the southeast of the Crackle Zone. All five recon samples taken in this area returned gold values, ranging from 0.058 to 0.651 opt Au (the latter sample is #82532). At the close of the field season, some minor trenching was carried out in this area which confirmed the anomalous values in gold and arsenic obtained earlier. Samples ERK 277-285 from these trenches returned anomalous to ore grade values in gold as well as highly anomalous levels of arsenic.

Three recon geochem contour lines taken above the Crackle Zone returned numerous samples with elevated to anomalous levels in copper and arsenic, and to a lesser extent, gold. There is no definite trend apparent to the higher values, possibly because of the low density of coverage. Highest copper value of 1075 ppm came from the northwesternmost soil sample.

It is also noteworthy that three rock samples taken from the eastern limits of the soil geochem lines in this area returned anomalous values in tungsten (cf. especially #82534 registering 780 ppm W).

To the south of Del Norte Glacier, four silt samples (KM10-13: ETK 91-567) taken from a stream returned anomalous values in gold (45 to 195 ppb) and copper (147-177 ppm). Further south yet, on the Willoughby Creek slope, silt sampling returned similar anomalous values (KM 1-9 and MSS 28-36: ETK 91-567). The western 600 to 700 m of three contour soil lines in this area registered copper values averaging around 170 ppm, indicating a large area of elevated copper content. A few float samples taken further south, downhill, returned significant gold values (see, for instance, #81809: 0.081 oz/ton gold, 1% Cu.).

Brian Game, senior geologist during the Goodgold phase of the 1991 work, was of the opinion that the data pointed to a porphyry gold-copper system. Points advanced by Game in support of the hypothesis are: the quartz carbonate veining in the Crackle Zone is a typical manifestation of the top end of a porphyry system; propylitic and argillic alteration is pervasive over an extensive, surrounding area; the presence of widespread elevated copper geochemistry (accompanied in places by elevated gold values); the presence of fine-grained disseminated pyrite throughout the host

volcanics; the presence of coarse-grained magnetite; and, the presence of anomalous gold values peripheral to the central core.

E. Geochemistry--Humdinger and Grizzly Zones

a. Introduction

Further trenching was undertaken in both the Humdinger and Grizzly Zones, located on the Hardpan Creek side (site of almost all of the 1990 $500,000+ work program). In all, 97 samples were taken from the Humdinger and 32 from the Grizzly: almost all of these represented 1m chip samples taken along trenches.

b. Treatment of Data

Results of 1991 trenching in both the Humdinger and Grizzly Zones are presented in Fig. 17. Each zone is depicted in a detail map at 1:100 scale, incorporated in a base map at a scale of 1:5000 which also shows claim boundaries.

For reference, the Humdinger Zone detail map also shows trenches emplaced in 1990 and associated assay values from interval sampling (these are not accompanied by any sample #'s so as to distinguish them from the 1991 assay values which are). Trench 90-3 was put in in 1990 but not sampled till 1991.

The Humdinger Zone detail map presents values for Au, Ag, Cu, Pb & Zn, the Grizzly Zone detail map for Au, Ag, Pb & Zn only (Cu is not anomalous in the Grizzly Zone).

c. Discussion

It was hoped that further trenching in the Humdinger Zone would discover mineralization similar to the interval obtained the previous year in Trench 90-2: 6 m of 0.388 opt gold. An attempt was made to try and extend the zone to the north through heavy and well-rooted overburden. The first of these extending trenches, #91-6, picked up the zone but it was not found in 91-7 further downhill to the north. Gold values were also obtained in what may be a parallel zone east of a fault located about 10 m east of the Humdinger zone (cf. 0.122 over 3 m--NE end of Trench 90-3: this trench was excavated in 1990 but not sampled till 1991). Most of the trenches were in highly oxidized material and efforts to go down far enough to fresh rock were largely unsuccessful. Sample #ERK 286 which returned 0.264 opt gold and 6.40 opt silver is a 1 m chip centred on 1990 recon sample DNSDR 039...it was not plotted on Fig. 17 through oversight.

Trenching on the Grizzly zone was carried out to better define attitude and extent of the massive Zn-Pb mineralization observed therein in 1990. Trenches were put in at right angles to the 1990

trenches, exposing mineralized "haloes" roughly at 45 degree orientation to the 1991 trenches. The best interval was from the northernmost trench, over 4m a weighted average of 0.062 opt Au, 3.92% Pb and 9.17% Zn. Assays from the more southerly trenches did not return similar values.

F. Field Procedure and Laboratory Technique

Rock samples were taken in the field with a prospector's pick and collected in a standard plastic sample bag. Grab samples were taken to ascertain character of mineralization at any specific locality. These samples consisted generally of three to ten representative pieces with total sample weight ranging between 0.5 to 2.0 kg. Chip samples were taken across the strike of mineralized structures and generally weighed about 1.0 to 2.0 kg. Interval samples from trenches were carefully taken to ensure a balanced weighting of sub-samples along the interval length.

Soil samples were taken in the field by digging with a mattock to the "C" soil horizon (poorly developed for the most part), with samples running approximately 300 to 500 grams of material. This was then placed into a standard Kraft Bag. The bags were then marked and allowed to dry before shipping.

Silt samples were taken from the active portions of the stream channels. Samples were carefully placed in standard Kraft Bags and allowed to dry before shipping.

All samples were analyzed at the Eco-Tech facility in Kamloops, B.C. Rock samples were first crushed to minus 10 mesh using jaw and cone crushers. Then 250 grams of the minus 10 mesh material was pulverized to minus 140 mesh using a ring pulverizer. For the gold analysis a 10.0 gram portion of the minus 140 mesh material was used. After concentrating the gold through standard fire assay methods, the resulting bead was then dissolved in aqua regia for 2 hrs at 95 deg. C. The resulting solution was then analysed by atomic absorption. The analytical results were then compared to prepared standards for the determination of the absolute amounts. For the determination of the remaining trace and major elements Inductively Coupled Argon Plasma (ICP) was used. In this procedure a 1.00 gram portion of the minus 140 mesh material is digested with aqua regia for 2 hours at 95 deg. C and made up to a volume of 20 mls prior to the actual analysis in the plasma. Again the absolute amounts were determined by comparing the analytical results to those of prepared standards.

Specific samples were subjected to further analysis where values obtained exceeded certain threshold levels. High golds were fire-assayed using conventional methods followed by parting and weighing of beads. Metallics assays were used in certain cases to test for the presence of coarse golds. Wet chemistry methods and

AA were used for follow-up analysis of base metals and silver (where values were too high for quantitative measurement by ICP).

Analysis of the soil and silt samples at the laboratory followed the same procedure as for the rocks, with the exception that sample preparation techniques were different (standard soil and silt sample preparation methods were used).

G. Conclusions

The 1991 work program on the Croesus claims outlined a number of areas deserving follow-up exploration. In the Bullion Grid area, a strong multi-element geochem anomaly in the southwest corner may signal a buried mineralized structure. Further prospecting and geophysical surveys are warranted to locate the source of this anomaly. In the northeast corner of the grid, the NMG quartz-sulfide vein has been shown to carry appreciable values in gold and silver. Continuity of this vein structure is as yet indeterminate and warrants further investigation. There is a possibility that the LG vein discovered in 1990 well to the north and in a similar environment may be a related structure. A sharp, flanking gold and silver soil geochemical anomaly may or may not be related to the NMG vein. More ground work is needed to test this hypothesis. The soil grid should be extended to the south of the vein to determine whether the anomalies continue. Samplers will probably need ropes to carry out this work.

Further soil geochem and geophysical surveys will be necessary to establish the presence of a porphyry Cu-Au system 1 km west of the Bullion Grid area as suggested by results of some of the 1991 work. High gold values in stringers obtained southeast of the Crackle Zone warrant follow-up. More work is necessary to expand and define the copper soil anomaly on the Willoughby Creek slope, south of the Crackle Zone. Elsewhere on the property, on the Humdinger Zone, it may be useful to run a few soil lines downslope of the Humdinger Zone prior to resuming trenching. Trenching should also be done uphill, to the south, to determine whether the zone continues in that direction.

Respectfully submitted,

D. Cremonese, P.Eng.
January 31, 1992

APPENDIX I -- WORK COST STATEMENT

Field Personnel--Period July 1 to Oct. 7, 1991:	
E. Kruchkowski, Senior Geologist	
10 days @ $300/day	$ 3,000
B. Game, Senior Geologist	
27 days @ $275/day	7,425
J. Nicholson, Geologist	
27 days @ $250/day	6,750
K. May, Geologist	
27 days @ $200/day	5,400
M. Boulding, Geological Technician	
36 days @ $200/day	7,200
T. Gustafson, Geological Assistant	
10 days @ $150/day	1,500
T. Archibald, Geological Assistant	
10 days @ $150/day	1,500
D. Cremonese, P.Eng.	
3 days @ $350/day	1,050
Helicopter -- Highland Hel. (Ellsworth Logging Base)	
Crew drop-offs/pick-ups, Camp-supplies mob/demob	
37.2 hrs @ $684.50	25,463
Food -- 150 man-days @ $25/man-day	3,750
Mob/demob: Personnel/Equip./Supplies/Samples	
(prorated with other projects where applicable)	7,571
Field Supplies--camp lumber, consumables, etc.	1,650
Camp Rental (from contractor)	500
Truck Rental Charges	1,385
Equipment Rental (Pump, rock saw, plugger, generator)	1,812
Radio/Communications (includes hand-helds)	1,524
Stewart Accommodation	390
Expediting	1,328
Explosives & Related Supplies	918
Assays--Eco-Tech Labs, Kamloops, B.C.	
Geochem Au, I.C.P. and rock sample preparation	
349 @ $16.00 sample	5,584
Geochem Au, I.C.P. and soil sample preparation	
579 @ $13.25 sample	7,672
Au/Ag/Cu/Pb/Zn/As Assays, Metallics, Disks, Etc.	1,101

Contractor's Office Charges (Nicholson & Assoc.)	
(includes accounting, field map/report prep, etc.)	2,000
Report Costs	
Report and map preparation, compilation and research	
D. Cremonese, P.Eng., 6 days @ $350/day	2,100
Draughting -- RPM Computer	1,700
Word Processor - 10 hrs. @ $25/hr.	250
Copies, report, jackets, maps, etc.	120
TOTAL.....	**$ 100,643**

APPENDIX II - CERTIFICATE

I, Dino M. Cremonese, do hereby certify that:

1. I am a mineral property consultant with an office at Suite 509-675 W. Hastings, Vancouver, B.C.

2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).

3. I am a Professional Engineer registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.

4. I have practiced my profession since 1979.

5. This report is based upon work carried out on the Croesus 1-4 and Bond 1-2 mineral claims, Skeena Mining Division from July to October of 1991. Reference to field notes and maps made by geologists Brian Game, J. Nicholson, Kevin May and Ed Kruchkowski is acknowledged. I have full confidence in the abilities of all samplers used in the 1991 geochemical program and am satisfied that all samples were taken properly and with care.

6. I am a principal of Teuton Resources Corp., owner of the Croesus 1-4 claims: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 31st day of January, 1992.

D. Cremonese

D. Cremonese, P.Eng.

APPENDIX III

ASSAY CERTIFICATES

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JULY 29, 1991

TEUTON RESOURCES CORP. - ETK 91-9003

602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: DEL NORTE
219 SOIL SAMPLES RECEIVED JULY 17, 1991

ETI	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	0 +00 N 0 +25 E	260	1.6	1.22	35	4	650	<5	.32	9	33	3	517	6.34	.11	10	.61	6807	6	<.01	2	2090	1054	10	<20	39	.02	10	29	<10	4	1425
2	0 +00 N 0 +50 E *	370	5.8	.53	145	2	215	<5	.62	32	86	<1	1340	>15	.01	<10	.48	8354	14	<.01	2	3260	172	40	<20	43	.01	30	6	<10	<1	3270
3	0 +00 N 2 +00 E *	<5	<.2	1.44	40	8	65	<5	.16	<1	14	2	76	5.33	.11	<10	.59	774	<1	<.01	4	890	30	5	<20	10	.05	10	85	<10	<1	139
4	0 +50 N 0 +25 E *	115	1.0	.60	15	6	305	<5	1.53	13	15	1	328	2.66	.09	<10	.36	5630	4	<.01	2	1670	104	5	20	25	.01	20	18	<10	3	942
5	0 +50 N 0 +50 E	10	.2	2.13	40	4	210	<5	.46	1	22	4	97	4.01	.17	<10	.61	2396	1	<.01	7	1480	36	5	<20	25	.03	10	76	<10	4	188
6	0 +50 N 0 +75 E	<5	<.2	2.87	5	8	90	<5	.20	<1	20	4	132	4.32	.20	<10	.99	1247	<1	.01	4	1070	16	5	<20	10	.08	10	95	<10	6	101
7	0 +50 N 1 +00 E *	<5	.2	1.44	<5	10	230	<5	2.73	12	8	1	85	1.59	.06	<10	.43	2092	<1	<.01	5	1340	12	5	<20	143	.01	<10	31	<10	9	353
8	0 +50 N 1 +25 E *	<5	.6	.13	<5	14	45	<5	.47	<1	1	<1	31	.31	.04	<10	.07	129	<1	<.01	<1	800	6	<5	<20	25	<.01	10	4	<10	<1	68
9	0 +50 N 1 +50 E	<5	2.0	1.38	30	10	160	<5	.33	<1	31	7	48	5.90	.10	<10	.44	>10000	1	<.01	4	4010	60	5	<20	26	.01	20	104	<10	<1	120
10	0 +50 N 1 +75 E	45	<.2	1.17	30	2	155	<5	.49	<1	12	2	52	4.09	.08	<10	.33	657	1	<.01	2	840	30	5	<20	37	.03	<10	90	<10	1	86
11	0 +50 N 2 +25 E	10	2.0	1.37	55	6	65	<5	.20	<1	17	8	54	9.15	.03	<10	.23	1339	<1	<.01	10	1860	72	<5	<20	16	.01	20	44	<10	<1	73
12	0 +50 N 2 +50 E	35	1.0	1.50	25	2	70	<5	.34	<1	22	3	43	4.52	.04	<10	.20	3152	2	<.01	3	1940	36	<5	<20	30	.01	10	42	<10	4	82
13	0 +50 N 2 +75 E	40	<.2	2.57	40	2	90	<5	.32	<1	20	3	41	7.32	.23	<10	.75	1459	2	<.01	7	1650	48	5	<20	15	.04	10	100	<10	<1	113
14	0 +50 N 3 +00 E	155	3.2	1.20	95	4	140	<5	.41	1	21	2	56	5.25	.11	10	.49	2715	1	<.01	6	1710	92	5	<20	25	.01	<10	37	<10	6	225
15	0 +50 N 3 +25 E	195	5.2	1.12	110	4	155	<5	.51	1	23	2	60	5.21	.07	10	.46	2152	2	<.01	10	1750	162	10	<20	31	.01	<10	32	<10	8	251
16	0 +50 N 3 +50 E	200	6.8	1.11	125	4	160	<5	.61	1	23	<1	50	5.04	.07	10	.47	2214	1	<.01	9	1730	116	5	<20	29	.01	<10	29	<10	8	256
17	0 +50 N 4 +00 E	155	3.6	1.65	220	2	120	<5	.29	4	49	4	83	6.03	.01	10	.51	8054	8	<.01	36	1960	78	10	<20	14	<.01	10	26	<10	12	355
18	1 +00 N 0 +25 E	25	<.2	1.14	50	2	50	<5	.04	<1	11	2	49	5.07	.12	<10	.38	499	<1	.01	3	960	24	<5	<20	3	.06	10	107	<10	<1	72
19	1 +00 N 0 +50 E *	15	<.2	.99	40	4	50	<5	.06	<1	10	2	45	5.55	.11	<10	.29	464	<1	<.01	2	1270	32	5	<20	3	.04	10	115	<10	<1	67
20	1 +00 N 0 +75 E *	10	1.0	2.00	45	8	185	<5	1.16	4	20	1	84	4.37	.10	<10	.75	1373	1	<.01	4	1050	40	5	<20	70	.04	10	73	<10	1	255
21	1 +00 N 1 +00 E *	20	<.2	.62	35	8	50	<5	.15	<1	6	<1	40	2.94	.05	<10	.12	225	1	<.01	2	540	24	<5	<20	14	.02	<10	91	<10	<1	70
22	1 +00 N 1 +25 E *	25	.4	2.01	15	10	200	<5	.71	3	20	5	78	4.35	.16	10	.87	2222	1	<.01	5	1520	32	5	<20	47	.04	10	80	<10	12	211
23	1 +00 N 1 +50 E	<5	<.2	.79	15	20	40	<5	.09	<1	5	3	49	3.80	.04	<10	.10	289	<1	<.01	1	2740	18	<5	<20	5	<.01	10	45	<10	<1	61
24	1 +00 N 1 +75 E	20	1.0	4.44	15	8	120	<5	.58	1	27	7	58	6.16	.06	10	.36	3941	1	<.01	1	1610	62	<5	<20	35	.04	10	56	<10	30	90
25	1 +00 N 2 +00 E	25	<.2	1.03	40	8	200	<5	.82	<1	12	10	55	5.88	.03	10	.24	1132	2	<.01	5	1460	24	5	<20	70	.02	10	92	<10	6	130
26	1 +00 N 2 +25 E *	15	.2	.57	300	6	60	<5	.06	<1	13	1	34	4.01	<.01	10	.12	2666	4	<.01	2	1420	66	<5	<20	6	.01	10	51	<10	<1	93

PAGE 2

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27	1 +00 N 2 +50 E	20	<.2	1.57	65	8	55	<5	.06	<1	13	4	54	7.20	.13	<10	.50	912	1	<.01	3	1630	48	5	<20	4	.04	10	116	<10	<1	83
28	1 +00 N 2 +75 E	190	3.6	.92	125	4	130	<5	.45	2	22	1	53	4.56	.03	10	.36	2140	1	<.01	11	1490	98	5	<20	31	<.01	<10	23	<10	6	224
29	1 +00 N 3 +00 E	220	3.6	1.27	100	<2	200	<5	.41	2	23	2	65	5.08	.07	10	.58	2580	2	<.01	9	1340	90	5	<20	27	<.01	<10	31	<10	8	243
30	1 +00 N 3 +25 E	30	1.0	1.97	55	<2	70	<5	.04	<1	24	4	74	5.70	.07	10	.59	1640	2	.01	7	1020	44	10	<20	3	.01	<10	53	<10	1	160
31	1 +00 N 3 +50 E	150	4.2	1.66	185	4	110	<5	.18	4	41	4	81	5.94	.03	10	.52	6002	7	<.01	37	1530	92	15	<20	12	<.01	<10	25	<10	13	391
32	1 +00 N 3 +75 E	50	1.0	.64	115	4	35	<5	.03	<1	9	2	60	5.34	.05	10	.12	603	4	<.01	6	2930	26	5	<20	2	.01	<10	51	<10	<1	140
33	1 +00 N 4 +00 E	35	<.2	.27	30	6	35	<5	.04	<1	3	<1	40	1.49	.04	<10	.03	115	2	<.01	1	660	8	<5	<20	2	<.01	10	17	<10	<1	64
34	1 +50 N 0 +25 E	10	<.2	.40	55	8	40	<5	.08	<1	7	<1	46	3.32	.07	10	.07	200	<1	<.01	<1	1320	24	5	<20	6	.05	<10	57	<10	1	72
35	1 +50 N 0 +50 E	<5	<.2	1.07	<5	6	75	<5	.41	<1	9	<1	24	2.37	.28	<10	.54	203	<1	<.01	2	1350	14	<5	<20	11	.17	10	88	<10	8	76
36	1 +50 N 0 +75 E	5	<.2	2.78	40	2	115	<5	.29	<1	28	7	68	6.17	.17	<10	.90	2723	1	<.01	5	1100	56	5	<20	20	.05	10	112	<10	2	186
37	1 +50 N 1 +00 E	10	.2	1.15	50	4	60	<5	.05	<1	13	3	43	5.34	.16	10	.36	710	1	<.01	5	1490	36	<5	<20	4	.08	10	127	<10	<1	79
38	1 +50 N 1 +25 E	15	<.2	1.61	30	<2	70	<5	.07	<1	10	2	67	4.75	.17	<10	.52	369	<1	<.01	2	2910	32	5	<20	5	.03	10	73	<10	<1	98
39	1 +50 N 1 +50 E	20	1.4	4.15	15	4	35	<5	.09	1	23	6	76	3.43	.08	10	.34	2251	<1	<.01	2	2110	38	5	<20	7	.03	<10	50	<10	5	100
40	1 +50 N 1 +75 E	5	2.2	5.72	15	8	60	<5	.13	1	17	7	93	3.50	.07	10	.42	1804	<1	<.01	5	2110	30	5	<20	11	.03	<10	45	<10	14	145
41	1 +50 N 2 +00 E	25	.2	1.99	60	2	50	<5	.04	<1	12	5	55	5.85	.06	<10	.55	674	<1	<.01	5	1130	42	5	<20	6	.02	<10	77	<10	<1	132
42	1 +50 N 2 +25 E	55	1.0	2.09	50	4	65	<5	.05	<1	17	5	65	6.19	.15	<10	.65	2033	1	<.01	5	1920	46	5	<20	7	.04	<10	106	<10	<1	114
43	2 +00 N 0 +25 E	5	1.0	2.44	60	4	220	<5	.32	1	21	5	76	5.04	.22	<10	.81	2469	1	<.01	6	1500	54	5	<20	28	.02	<10	87	<10	<1	196
44	2 +00 N 0 +50 E	15	.2	2.01	60	6	210	<5	.62	<1	21	5	66	5.40	.20	<10	.77	2027	<1	<.01	6	1230	42	10	<20	41	.03	<10	99	<10	<1	185
45	2 +00 N 0 +75 E	5	1.4	3.01	40	6	250	<5	.76	2	24	7	83	4.92	.16	10	1.06	3888	<1	<.01	7	1040	30	10	<20	49	.07	<10	102	<10	6	173
46	2 +00 N 1 +00 E	<5	<.2	1.29	70	4	55	<5	.06	<1	12	4	48	7.96	.05	<10	.47	930	<1	<.01	7	2650	38	5	<20	9	.05	<10	170	<10	<1	75
47	2 +00 N 1 +25 E	15	.8	2.34	50	6	55	<5	.06	<1	20	6	70	5.54	.17	10	.60	1031	1	<.01	5	1760	40	5	<20	8	.06	<10	100	<10	1	110
48	2 +00 N 1 +50 E	10	.2	1.82	65	4	70	<5	.06	<1	17	4	46	6.34	.24	<10	.67	2033	<1	<.01	5	1760	38	10	<20	9	.05	<10	120	<10	<1	107
49	2 +00 N 1 +75 E	25	.2	.71	70	4	35	<5	.05	<1	8	2	42	5.09	.06	<10	.17	682	<1	<.01	3	2670	34	5	<20	7	.02	<10	98	<10	<1	93
50	2 +00 N 2 +00 E	20	.6	2.60	40	6	85	<5	.10	<1	16	6	81	5.81	.13	<10	.91	731	<1	<.01	6	840	34	5	<20	15	.07	<10	106	<10	<1	118
51	2 +50 N 0 +25 E	105	.8	2.40	50	6	195	<5	.21	<1	24	4	189	5.34	.24	10	.88	3288	1	<.01	9	1110	24	10	<20	18	.06	<10	77	<10	7	322
52	2 +50 N 0 +50 E	20	.6	2.47	70	6	160	<5	.28	<1	21	5	94	4.95	.25	10	.88	2168	<1	<.01	7	1380	34	10	<20	27	.04	<10	91	<10	<1	155
53	2 +50 N 0 +75 E	5	.4	2.50	65	6	135	<5	.21	<1	21	6	62	5.37	.25	<10	.84	2328	<1	<.01	6	1490	36	5	<20	17	.04	<10	100	<10	<1	162
54	2 +50 N 1 +00 E	10	1.4	.37	15	10	30	<5	.09	<1	3	1	45	1.21	.04	<10	.06	160	<1	<.01	3	660	12	<5	<20	10	.02	<10	23	<10	<1	64
55	2 +50 N 1 +25 E	<5	1.0	4.08	20	6	55	<5	.15	<1	25	7	65	5.51	.04	10	.34	3730	<1	<.01	4	1660	70	5	<20	11	.03	<10	57	<10	2	79
56	2 +50 N 1 +50 E	60	1.0	3.45	30	16	40	<5	.10	<1	24	7	70	6.40	.04	10	.36	3301	1	<.01	4	1410	80	5	<20	8	.03	<10	72	<10	<1	85
57	2 +50 N 1 +75 E	55	.2	.53	60	4	35	<5	.04	<1	8	3	46	3.61	.03	<10	.10	560	1	<.01	5	1030	28	5	<20	9	.02	<10	75	<10	<1	96
58	3 +00 N 0 +00 E	10	.8	3.05	75	6	145	<5	.12	<1	24	6	190	5.25	.29	10	1.02	2223	<1	<.01	10	1800	40	10	<20	13	.07	<10	87	<10	9	221
59	3 +00 N 0 +25 E	35	1.2	1.97	90	4	135	<5	.11	<1	25	7	68	5.47	.15	10	.59	2916	1	<.01	14	1710	56	5	<20	10	.01	<10	53	<10	<1	222
60	3 +00 N 0 +50 E	15	1.0	2.78	80	6	85	<5	.13	<1	21	6	124	4.95	.23	<10	.87	2258	<1	<.01	8	2070	34	5	<20	11	.04	<10	85	<10	1	165
61	3 +00 N 0 +75 E	<5	.6	2.36	70	6	150	<5	.29	<1	22	6	67	5.09	.25	<10	.86	2783	<1	<.01	6	1440	34	10	<20	24	.02	<10	98	<10	<1	160
62	3 +00 N 1 +00 E	<5	1.0	2.39	40	6	55	<5	.07	<1	20	4	73	4.60	.12	10	.63	2140	1	<.01	6	1340	32	5	<20	8	.04	<10	91	<10	5	107
63	3 +00 N 1 +25 E	<5	.8	.66	55	2	275	<5	.15	<1	31	<1	44	6.18	.09	10	.18	6421	1	<.01	3	2260	28	5	<20	13	.01	<10	45	<10	<1	135

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-9003

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ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
64	3 +50 E 0 +00 E	20	<.2	3.20	85	6	285	<5	.37	<1	26	13	160	5.44	.49	10	1.30	1776	<1	.01	9	1730	24	10	<20	19	.14	<10	109	<10	11	164
65	3 +50 E 0 +25 E	10	.6	2.75	65	6	180	<5	.18	<1	23	5	108	5.24	.27	<10	1.01	2310	<1	.01	9	1310	38	5	<20	14	.05	<10	104	<10	<1	185
66	3 +50 E 0 +50 E	5	1.4	3.20	85	8	65	<5	.09	<1	19	6	94	6.35	.27	<10	1.02	1195	1	<.01	6	1240	34	5	<20	9	.08	<10	132	<10	<1	108
67	3 +50 E 0 +75 E	<5	1.0	2.48	75	2	65	<5	.05	<1	17	6	73	6.14	.16	<10	.72	1427	<1	<.01	6	1200	38	5	<20	7	.04	<10	101	<10	<1	112
68	3 +50 E 1 +00 E	10	1.6	2.94	115	2	75	<5	.11	<1	17	6	74	5.66	.10	<10	.95	1017	<1	<.01	6	990	26	5	<20	11	.05	<10	129	<10	<1	111
69	4 +00 E 0 +25 E	<5	1.8	2.20	65	4	60	<5	.08	<1	15	4	71	5.72	.15	<10	.57	1561	<1	<.01	4	1580	46	10	<20	9	.05	<10	112	<10	<1	148
70	4 +00 E 0 +50 E	15	1.0	1.51	55	6	75	<5	.10	<1	12	3	56	4.13	.09	<10	.47	902	1	<.01	7	1310	34	5	<20	10	.03	<10	83	<10	<1	92
71	4 +50 E 0 +00 E	45	1.8	2.76	75	2	155	<5	.18	<1	24	10	141	5.18	.16	10	.76	1424	1	<.01	15	1000	48	5	<20	14	.01	<10	62	<10	6	279
72	4 +50 E 0 +25 E	20	1.0	1.75	55	2	80	<5	.06	<1	12	4	61	4.76	.14	10	.49	595	<1	<.01	4	1040	42	5	<20	8	.03	<10	78	<10	<1	134
73	4 +50 E 0 +50 E	60	4.4	2.13	90	2	120	<5	.13	<1	26	4	84	6.08	.09	10	.52	2421	2	<.01	8	1300	54	10	<20	12	.01	<10	58	<10	<1	206
74	5 +00 E 0 +00 E	40	1.4	2.22	65	4	115	<5	.20	1	21	6	95	5.06	.17	10	.70	2903	1	<.01	7	1870	66	10	<20	16	.01	<10	71	<10	<1	194
75	5 +00 E 0 +25 E	140	1.2	1.55	50	6	100	<5	.57	1	21	6	82	4.49	.09	10	.71	2285	<1	<.01	10	1440	34	5	<20	31	.02	<10	53	<10	8	174
76	5 +00 E 0 +50 E	525	4.2	1.10	205	4	190	<5	.28	<1	27	3	76	5.78	.04	10	.40	2663	2	<.01	14	1470	112	10	<20	10	.01	<10	36	<10	6	261
77	5 +50 E 0 +00 E *	170	1.6	1.44	95	4	155	<5	.14	<1	32	7	70	5.19	.09	10	.40	3038	2	<.01	13	1150	76	5	<20	10	<.01	<10	31	<10	4	232
78	5 +50 E 0 +25 E	60	2.2	1.88	90	2	180	<5	.19	<1	25	6	76	5.02	.19	10	.59	3252	1	<.01	9	1470	100	10	<20	18	.01	<10	53	<10	2	243
79	5 +50 E 0 +50 E *	40	1.4	1.69	70	6	185	<5	.41	1	22	5	81	4.61	.17	10	.65	2478	<1	<.01	10	1430	60	5	<20	20	.02	<10	50	<10	5	199
80	5 +50 E 0 +75 E	420	2.8	.61	355	2	105	<5	.33	<1	41	<1	108	6.73	<.01	10	.21	2348	1	<.01	28	1130	46	5	<20	18	<.01	<10	14	<10	5	169
81	5 +50 E 1 +00 E	20	1.4	1.21	70	4	460	<5	.70	<1	36	1	36	6.07	.10	20	.32	7630	2	<.01	6	1830	40	10	<20	63	<.01	<10	22	<10	17	158
82	6 +00 E 0 +00 E	30	.8	2.18	75	8	260	<5	.42	<1	22	6	94	5.02	.36	10	.98	2059	<1	.01	9	1580	66	10	<20	25	.07	<10	81	<10	5	227
83	7 +50 E 1 +00 E	30	2.2	1.25	105	2	165	<5	.05	<1	13	2	20	4.20	.08	10	.15	3079	1	<.01	3	2220	82	<5	<20	8	<.01	<10	33	<10	<1	175
84	7 +50 E 0 +25 E	95	1.2	1.42	110	4	135	<5	.30	<1	17	1	38	4.44	.12	10	.33	2287	2	<.01	6	1740	94	5	<20	21	<.01	<10	31	<10	1	269
85	7 +50 E 0 +50 E	45	2.4	1.56	125	2	170	<5	.12	<1	23	3	45	5.02	.06	20	.28	3249	1	<.01	13	1450	124	5	<20	13	<.01	<10	29	<10	4	273
86	7 +50 E 0 +75 E	40	1.8	1.22	115	2	195	<5	.34	<1	24	3	45	4.53	.07	10	.22	3544	1	<.01	15	2030	80	5	<20	19	<.01	<10	21	<10	3	201
87	7 +50 E 1 +25 E	10	6.8	1.72	100	2	160	<5	.10	<1	16	2	36	5.67	.06	10	.26	2544	1	<.01	5	1910	56	5	<20	7	<.01	<10	41	<10	<1	222
88	7 +50 E 1 +50 E	35	2.4	1.76	80	6	120	<5	.07	<1	15	3	41	4.21	.08	20	.27	2126	1	<.01	8	1170	66	5	<20	7	<.01	<10	33	<10	3	200
89	0 +00 N 0 +00 W	725	1.2	1.08	45	4	345	<5	.46	7	35	1	314	6.28	.10	10	.50	3580	6	<.01	3	2010	470	5	<20	66	.01	<10	20	<10	1	1227
90	0 +50 N 0 +00 W	5	.2	1.77	20	4	175	<5	1.31	7	14	3	138	3.37	.16	<10	.82	1825	<1	<.01	6	1490	28	5	<20	95	.04	<10	69	<10	4	661
91	0 +50 N 0 +25 W	245	1.0	.73	30	6	210	<5	.22	4	19	2	161	4.07	.07	10	.41	2021	2	<.01	3	1350	310	5	<20	26	.01	<10	18	<10	<1	793
92	0 +50 N 0 +50 W	195	1.8	1.00	45	4	500	<5	.21	9	32	2	292	6.09	.09	20	.49	6473	7	<.01	3	2180	990	5	<20	52	.01	<10	18	<10	<1	1255
93	0 +50 N 0 +75 W	25	.4	2.58	45	10	150	<5	.49	1	24	7	114	5.12	.24	20	1.26	2891	<1	.01	10	2130	62	5	<20	29	.09	<10	93	<10	14	390
94	0 +50 N 1 +00 W *	125	.4	.79	25	4	280	<5	1.18	2	10	<1	66	3.31	.07	10	.41	963	2	<.01	2	1130	106	5	<20	274	.01	<10	32	<10	<1	493
95	0 +50 N 1 +25 W	30	.2	1.57	45	10	145	<5	.69	<1	18	7	72	4.20	.09	10	.96	1949	<1	.01	9	1790	20	5	<20	37	.05	<10	64	<10	3	140
96	0 +50 N 1 +50 W	<5	.8	1.05	40	8	320	<5	.67	1	19	7	124	4.59	.15	10	.99	2169	<1	.01	9	1710	74	10	<20	51	.05	<10	68	<10	12	293
97	1 +00 N 0 +00 W	15	.8	4.53	30	10	75	<5	.27	<1	18	6	151	4.24	.18	10	1.05	1477	<1	<.01	6	2960	18	5	<20	14	.07	<10	86	<10	6	238
98	1 +00 N 0 +25 W	50	1.8	1.33	45	6	55	<5	.07	<1	9	2	95	4.10	.10	10	.35	498	1	.01	3	1260	70	<5	<20	16	.03	<10	71	<10	<1	126
99	1 +00 N 0 +50 W	60	1.4	2.17	50	6	360	<5	.17	3	30	4	100	5.70	.17	10	.77	5350	3	.01	5	2350	620	5	<20	29	.03	<10	64	<10	<1	599
100	1 +00 N 0 +75 W	40	1.8	2.04	50	6	225	<5	.28	<1	20	5	131	5.67	.20	10	.61	2231	3	<.01	4	2770	242	5	<20	56	.03	<10	75	<10	<1	319

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ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
101	1 +00 W 1 +00 W	30	.8	1.54	50	8	345	<5	.53	<1	19	4	98	5.13	.15	10	.54	2770	2	<.01	4	1710	152	5	<20	103	.05	<10	85	<10	<1	186
102	1 +00 W 1 +25 W	30	.4	2.33	50	6	180	<5	.25	<1	20	5	71	4.63	.22	10	.99	2070	<1	.01	7	1220	30	5	<20	27	.07	<10	94	<10	5	185
103	1 +00 W 1 +50 W	5	.6	2.15	45	4	70	<5	.12	<1	19	5	52	4.48	.10	10	.61	1661	<1	<.01	5	1440	42	5	<20	12	.03	<10	98	<10	2	152
104	1 +50 W 0 +00 W	30	1.0	2.61	70	6	150	<5	.40	1	23	4	88	5.30	.20	10	.84	2713	1	<.01	7	1430	60	10	<20	38	.03	<10	85	<10	<1	409
105	1 +50 W 0 +25 W	20	1.0	2.68	55	8	105	<5	.18	6	23	4	131	4.91	.18	10	.85	2856	<1	.01	7	1490	46	10	<20	19	.04	<10	79	<10	3	329
106	1 +50 W 0 +50 W	35	.4	1.63	65	2	115	<5	.43	5	33	1	110	7.66	.11	10	.69	1861	3	<.01	9	1610	64	10	<20	45	.03	<10	62	<10	<1	1813
107	1 +50 W 0 +75 W	1300	1.2	1.58	45	2	430	<5	.21	2	27	3	146	5.19	.14	10	.52	5336	5	<.01	4	1950	426	5	<20	39	.01	<10	43	<10	<1	452
108	1 +50 W 1 +00 W	25	2.2	1.34	55	2	100	<5	.22	<1	9	3	101	4.70	.08	<10	.37	700	1	<.01	3	1530	132	5	<20	35	.02	<10	64	<10	<1	176
109	1 +50 W 1 +25 W	15	1.0	3.47	30	4	235	<5	.39	4	22	5	201	4.78	.26	10	1.13	3552	1	.01	7	1700	54	5	<20	54	.07	<10	107	<10	16	1134
110	1 +50 W 1 +50 W	5	.6	1.95	35	2	480	<5	.50	1	14	7	31	4.34	.15	10	.61	3874	2	<.01	4	1710	18	5	<20	82	.03	<10	81	<10	5	357
111	1 +50 W 1 +75 W	10	<.2	1.33	45	2	155	<5	.12	<1	11	3	36	5.34	.15	10	.42	553	<1	<.01	4	820	22	5	<20	25	.12	<10	135	<10	<1	108
112	1 +50 W 2 +00 W	25	.8	2.38	45	2	230	<5	.32	1	19	3	160	4.93	.22	10	.81	3129	<1	<.01	4	1300	24	10	<20	44	.04	<10	89	<10	1	315
113	2 +00 W 0 +00 W	60	1.2	2.03	55	<2	115	<5	.20	1	18	3	86	4.12	.10	10	.74	2153	<1	.01	7	1370	50	<5	<20	18	.02	<10	63	<10	3	276
114	2 +00 W 0 +25 W	55	1.0	2.52	60	2	110	<5	.07	<1	23	5	107	5.11	.22	10	.83	3175	<1	<.01	6	1970	72	10	<20	14	.03	<10	79	<10	<1	232
115	2 +00 W 0 +50 W	20	.2	1.92	75	4	65	<5	.09	<1	20	6	91	6.56	.19	10	.78	1535	1	<.01	5	2000	62	10	<20	14	.06	<10	113	<10	<1	164
116	2 +00 W 0 +75 W	55	.8	1.91	65	2	65	<5	.08	<1	20	4	135	5.50	.21	10	.73	1595	1	<.01	5	3250	74	10	<20	13	.04	<10	82	<10	<1	212
117	2 +00 W 1 +00 W	40	2.0	.55	20	4	220	<5	.66	9	17	1	62	3.77	.08	10	.21	3817	2	<.01	5	1340	254	5	<20	81	.01	<10	35	<10	3	1461
118	2 +00 W 1 +25 W	5	<.2	.58	50	8	65	<5	.09	<1	7	3	55	4.17	.05	<10	.11	440	1	<.01	3	2200	40	<5	<20	13	.04	<10	77	<10	<1	93
119	2 +00 W 1 +50 W	30	1.0	3.07	25	10	160	<5	.32	3	22	4	146	3.71	.11	20	.47	5476	1	<.01	4	2440	42	10	<20	44	.02	<10	58	<10	16	360
120	2 +00 W 1 +75 W	5	.6	1.87	60	6	55	<5	.07	<1	14	3	44	7.76	.22	<10	.04	618	1	<.01	5	1130	28	5	<20	6	.13	<10	200	<10	<1	94
121	2 +00 W 2 +00 W	<5	<.2	.37	45	2	635	<5	.03	<1	7	<1	20	6.93	.09	20	.16	2588	2	<.01	1	1940	12	<5	<20	25	.03	<10	50	<10	<1	297
122	2 +50 W 0 +00 W	35	1.0	2.60	70	8	165	<5	.35	1	22	5	115	4.60	.25	10	.83	2295	1	.01	8	1640	46	10	<20	28	.05	<10	73	<10	4	188
123	2 +50 W 0 +25 W	40	2.8	2.46	60	2	135	<5	.10	<1	24	5	125	5.16	.20	10	.78	3133	1	<.01	7	1830	58	5	<20	18	.03	<10	74	<10	<1	220
124	2 +50 W 0 +50 W	75	1.0	2.52	60	6	195	<5	.20	<1	28	5	130	5.02	.24	10	.85	2776	2	<.01	8	1690	66	10	<20	33	.04	<10	72	<10	<1	280
125	2 +50 W 0 +75 W	30	1.2	2.27	65	2	100	<5	.09	<1	22	5	140	5.79	.18	10	.79	2158	1	<.01	6	1500	74	5	<20	13	.05	<10	92	<10	<1	200
126	3 +00 W 0 +25 W	135	1.0	2.32	55	4	140	<5	.11	<1	24	4	144	5.05	.25	10	.79	2824	1	.01	6	1480	50	10	<20	19	.04	<10	70	<10	2	232
127	3 +00 W 0 +50 W	90	.6	1.88	55	4	195	<5	.22	<1	26	3	180	5.51	.21	10	.64	2438	2	<.01	6	1870	58	10	<20	38	.03	<10	54	<10	<1	239
128	3 +00 W 0 +75 W	30	.8	3.23	75	4	170	<5	.17	<1	26	5	187	5.33	.30	10	1.10	2327	1	.01	8	1510	46	10	<20	14	.09	<10	99	<10	6	205
129	3 +50 W 0 +25 W	100	1.4	2.49	60	2	130	<5	.08	<1	24	5	135	5.12	.24	10	.77	3544	1	<.01	7	1440	54	5	<20	9	.04	<10	69	<10	6	238
130	3 +50 W 0 +50 W	95	1.2	2.34	65	6	180	<5	.08	1	40	3	293	6.27	.26	10	.66	3401	3	.01	8	2150	58	10	<20	24	.02	<10	54	<10	<1	341
131	3 +50 W 0 +75 W	85	.8	2.33	75	4	340	<5	.34	1	25	5	145	4.94	.33	10	.91	3100	1	<.01	10	1980	64	10	<20	27	.04	<10	77	<10	1	325
132	3 +50 W 1 +00 W	30	.8	3.10	70	2	185	<5	.08	<1	22	6	151	5.18	.19	10	.92	2068	1	<.01	7	1230	74	10	<20	20	.05	<10	91	<10	1	323
133	4 +00 W 0 +00 W	125	1.0	2.29	110	<2	135	<5	.09	<1	38	13	96	7.09	.11	20	.62	3542	1	.01	17	2070	50	5	<20	10	.01	<10	51	<10	10	210
134	4 +00 W 0 +25 W	85	2.8	2.51	65	2	105	<5	.07	<1	23	5	141	4.92	.21	10	.68	2926	1	<.01	6	1870	68	10	<20	9	.04	<10	65	<10	3	233
135	4 +00 W 0 +50 W	45	1.6	2.36	75	4	120	<5	.07	<1	24	4	126	5.20	.23	10	.74	2883	1	.01	6	1300	110	10	<20	11	.03	<10	72	<10	<1	284
136	4 +00 W 0 +75 W	35	1.2	2.64	85	4	150	<5	.14	<1	26	4	158	5.45	.27	10	.89	3331	2	.01	7	1390	64	5	<20	16	.05	<10	87	<10	3	218

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-9003

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ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
137	4 +00 N 1 +00 W	5	1.0	2.54	65	4	140	<5	.09	<1	19	4	121	5.12	.23	10	.77	1830	2	.01	5	1330	84	10	<20	14	.05	<10	84	<10	<1	254
138	4 +00 N 1 +25 W	45	.8	1.13	35	<2	135	<5	.04	<1	8	1	48	3.44	.16	20	.19	3014	5	<.01	2	1190	190	<5	<20	27	.01	<10	50	<10	<1	174
139	4 +00 N 1 +50 W	230	2.8	1.79	55	<2	205	<5	.08	5	31	<1	161	7.50	.12	20	.63	6445	5	<.01	1	2540	1024	10	<20	19	.01	<10	25	<10	<1	1263
140	4 +00 N 1 +75 W	75	2.6	1.25	60	<2	695	<5	.09	12	36	1	228	6.68	.15	20	.43	>10000	7	<.01	3	2430	1848	10	<20	74	.01	<10	22	<10	1	1565
141	4 +00 N 2 +00 W	15	2.0	1.02	35	<2	370	<5	.17	3	15	<1	52	5.66	.11	20	.24	3856	2	.01	3	1930	194	10	<20	30	<.01	<10	8	<10	3	1109
142	4 +00 N 2 +25 W	5	.6	1.93	50	<2	240	<5	.06	<1	8	1	65	4.81	.10	10	.21	791	1	<.01	3	730	60	5	<20	13	.01	<10	75	<10	<1	270
143	4 +00 N 2 +50 W	<5	1.0	1.56	50	<2	265	<5	.05	<1	13	3	89	4.39	.16	10	.20	5283	2	<.01	3	1290	74	5	<20	11	.03	<10	73	<10	<1	198
144	4 +50 N 0 +25 W	350	3.8	.85	355	<2	75	<5	.03	<1	34	1	81	6.39	<.01	10	.16	4014	3	<.01	19	1610	106	15	<20	7	<.01	<10	20	<10	<1	275
145	4 +50 N 0 +50 W	80	1.4	2.07	100	4	75	<5	.05	<1	16	3	91	5.33	.21	10	.58	1477	2	<.01	6	1400	60	10	<20	9	.02	<10	62	<10	<1	227
146	4 +50 N 0 +75 W	40	.8	1.63	75	2	245	<5	.12	<1	20	2	115	6.03	.23	10	.40	3403	9	.01	5	2080	106	10	<20	37	.01	<10	60	<10	<1	201
147	4 +50 N 1 +00 W	85	.8	2.26	60	2	135	<5	.09	<1	12	2	88	5.88	.19	10	.56	1046	4	<.01	4	1970	150	5	<20	33	.03	<10	75	<10	<1	217
148	4 +50 N 1 +25 W	60	1.0	1.58	70	<2	225	<5	.06	2	25	<1	104	7.50	.12	20	.42	8852	3	.01	2	3090	1982	5	<20	25	<.01	<10	24	<10	<1	933
149	4 +50 N 1 +50 W	310	2.2	1.71	55	<2	550	<5	.17	16	109	<1	211	7.56	.12	20	.75	>10000	6	<.01	2	2560	2372	10	<20	30	.07	<10	24	<10	10	2731
150	4 +50 N 1 +75 W	145	3.0	2.28	40	<2	300	<5	.09	2	25	2	125	6.85	.16	10	.62	7278	7	<.01	1	2560	2532	5	<20	61	.01	<10	37	<10	<1	1081
151	4 +50 N 2 +00 W	1050	3.0	1.31	40	<2	500	<5	.79	12	21	2	159	3.85	.09	10	.28	6872	2	<.01	4	2710	804	5	<20	54	<.01	<10	17	<10	<1	1235
152	4 +50 N 2 +25 W	<5	.8	1.32	35	2	145	<5	.06	<1	17	3	45	4.48	.12	20	.36	4748	2	<.01	3	1660	158	5	<20	14	.01	<10	33	<10	<1	292
153	4 +50 N 2 +50 W	60	2.8	1.15	40	6	795	<5	.15	1	21	5	93	9.92	.13	<10	.27	8937	2	<.01	2	1750	94	<5	<20	32	.01	10	29	<10	14	467
154	4 +50 N 2 +75 W	25	2.4	1.26	30	10	355	<5	.40	2	19	3	63	9.14	.17	<10	.26	8259	3	<.01	1	2040	96	<5	<20	95	<.01	10	28	<10	5	569
155	4 +50 N 3 +00 W	10	9.6	.64	35	6	400	<5	.28	2	36	2	100	12.16	.17	<10	.18	>10000	2	<.01	2	2150	212	<5	<20	28	<.01	20	22	<10	<1	466
156	5 +00 N 0 +25 W	30	2.0	2.37	70	4	90	<5	.02	<1	14	4	53	13.02	.17	<10	.44	1078	2	<.01	4	2070	118	<5	<20	16	.05	20	89	<10	<1	195
157	5 +00 N 0 +50 W	50	2.2	1.91	105	4	110	<5	.02	<1	10	6	58	12.50	.17	<10	.40	2207	2	.01	6	2140	128	<5	<20	17	.02	20	63	<10	<1	248
158	5 +00 N 0 +75 W	55	2.0	1.75	105	4	150	<5	.04	<1	24	5	72	11.50	.15	<10	.43	3284	2	<.01	4	2160	130	5	<20	17	.01	20	56	<10	<1	292
159	5 +00 N 1 +00 W	75	2.0	1.02	65	4	110	<5	.03	<1	15	3	76	9.91	.20	<10	.43	1377	2	<.01	4	1640	178	<5	<20	22	.02	10	57	<10	<1	272
160	5 +00 N 1 +25 W	50	2.6	1.49	55	2	320	<5	.06	2	18	1	139	11.03	.18	<10	.31	3866	5	<.01	2	2650	1056	<5	<20	58	.01	10	36	<10	<1	559
161	5 +00 N 1 +50 W	95	3.4	1.14	45	6	1020	<5	.10	14	39	1	330	15.11	.13	<10	.33	>10000	10	<.01	1	2450	2448	<5	<20	98	.01	10	16	<10	6	1839
162	5 +00 N 1 +75 W	155	4.6	2.30	45	<2	805	<5	.20	20	47	4	224	14.05	.15	<10	1.02	>10000	9	.01	2	2030	5016	<5	<20	49	.05	20	31	<10	12	3138
163	5 +00 N 2 +00 W	45	4.8	1.63	35	<2	410	<5	.31	9	14	3	66	10.37	.18	<10	.26	>10000	5	<.01	1	2490	2074	<5	<20	34	<.01	30	24	<10	<1	864
164	5 +00 N 2 +25 W	<5	1.4	.81	50	6	155	<5	.02	1	14	<1	22	>15	.03	<10	.15	5763	4	<.01	1	2760	124	<5	<20	11	<.01	20	1	<10	<1	288
165	5 +00 N 2 +75 W	50	1.8	.90	30	8	615	<5	.08	3	17	1	59	6.72	.12	<10	.32	4630	1	<.01	2	1710	132	5	<20	126	.01	10	32	<10	7	343
166	5 +00 N 3 +00 W	20	2.0	1.21	45	6	535	<5	.28	<1	22	2	210	10.47	.15	<10	.24	8473	2	<.01	1	2160	106	<5	<20	34	<.01	10	33	<10	2	453
167	5 +00 N 0 +25 W	45	2.6	2.12	90	6	130	<5	.06	<1	18	4	70	10.20	.19	<10	.45	2255	2	<.01	6	1690	84	5	<20	16	<.01	10	45	<10	<1	244
168	5 +00 N 0 +50 W	25	3.6	2.10	75	4	185	<5	.04	<1	26	9	40	10.51	.14	<10	.34	5590	1	<.01	5	1240	160	<5	<20	18	.02	20	81	<10	<1	197
169	5 +00 N 0 +75 W	10	2.0	1.66	50	4	150	<5	.03	<1	16	4	33	9.66	.21	<10	.36	3033	1	<.01	2	1130	124	<5	<20	17	.02	20	72	<10	<1	196
170	5 +00 N 1 +00 W	30	1.4	2.38	50	6	120	<5	.07	<1	15	3	39	10.85	.27	<10	.66	1741	<1	<.01	3	1780	116	5	<20	22	.05	10	89	<10	<1	207

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-9003

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ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
171	6 +00 W 0 +25 W	15	3.0	2.61	60	6	160	<5	.06	<1	20	6	104	8.95	.30	<10	.78	2466	<1	<.01	4	830	74	5	<20	15	.04	10	74	<10	5	221
172	6 +00 W 0 +50 W	10	3.2	2.19	80	8	185	<5	.14	<1	20	5	99	9.54	.33	<10	.75	2020	1	<.01	6	1160	70	5	<20	19	.05	10	66	<10	8	253
173	6 +00 W 0 +75 W	15	1.6	2.07	35	12	145	<5	.32	<1	15	4	51	7.52	.24	<10	.69	2050	4	<.01	3	890	62	<5	<20	43	.04	10	60	<10	5	193
174	6 +00 W 1 +00 W	10	7.4	2.69	60	8	180	<5	.11	<1	22	6	54	9.13	.20	<10	.63	4178	1	.01	5	1360	96	<5	<20	19	.02	10	79	<10	7	200
175	6 +00 W 1 +25 W	15	1.4	2.09	95	6	150	<5	.05	<1	17	5	48	10.65	.22	<10	.64	1616	2	.01	4	1400	112	5	<20	20	.07	10	102	<10	<1	176
176	6 +00 W 1 +50 W	675	2.0	.89	60	8	70	<5	.11	<1	39	<1	319	>15	.20	<10	.24	1725	8	.08	3	3320	74	<5	<20	110	<.01	20	18	<10	<1	227
177	6 +00 W 1 +75 W	20	2.0	3.05	140	6	170	<5	.11	<1	23	4	144	10.23	.29	<10	.81	1567	<1	<.01	7	1410	68	5	<20	20	.07	10	81	<10	6	209
178	6 +00 W 2 +00 W	5	7.4	2.85	65	6	310	<5	.11	<1	19	4	111	9.91	.27	<10	.62	4242	2	<.01	3	1720	400	<5	<20	52	.02	10	60	<10	6	571
179	6 +00 W 2 +25 W	5	3.2	2.77	90	4	335	<5	.16	1	23	4	108	10.70	.25	<10	.77	4325	2	<.01	5	1690	346	5	<20	74	.03	10	75	<10	4	460
180	6 +00 W 2 +50 W	5	1.8	1.50	60	6	125	<5	.03	<1	15	<1	33	>15	.09	<10	.49	1748	4	.01	2	3270	130	<5	<20	53	<.01	10	26	<10	<1	165
181	6 +00 W 2 +75 W	<5	1.6	1.53	45	4	485	<5	.42	<1	22	1	33	12.35	.10	<10	.53	5309	1	<.01	2	1980	38	<5	<20	22	<.01	20	20	<10	<1	177
182	6 +00 W 3 +00 W	<5	1.2	1.44	35	6	720	<5	.60	<1	12	<1	18	6.08	.12	<10	.32	1796	<1	<.01	<1	1490	38	<5	<20	39	<.01	10	40	<10	1	111
183	6 +00 W 3 +25 W	<5	7.0	.63	20	4	595	5	.26	1	28	10	11	4.21	.10	<10	.09	>10000	2	<.01	2	1450	42	<5	<20	17	<.01	50	36	<10	<1	116
184	6 +00 W 3 +50 W	10	2.4	1.39	20	4	360	<5	.18	<1	19	4	19	4.96	.14	<10	.21	>10000	<1	<.01	1	1510	56	<5	<20	16	<.01	20	32	<10	<1	112
185	6 +00 W 3 +75 W	<5	1.2	2.12	40	4	315	<5	.09	<1	14	4	47	6.92	.15	<10	.41	3319	<1	<.01	2	1020	26	<5	<20	14	.01	10	54	<10	5	129
186	6 +00 W 4 +00 W	55	1.6	2.20	55	6	305	<5	.32	1	22	5	70	8.48	.19	<10	.59	4007	<1	<.01	4	1370	28	<5	<20	21	.02	10	69	<10	4	256
187	7 +50 W 0 +00 W	20	1.6	.91	105	6	110	<5	.53	1	15	1	12	7.66	.09	<10	.17	3082	2	<.01	3	1860	120	<5	<20	36	<.01	20	20	<10	1	299
188	7 +50 W 0 +25 W	25	2.4	1.94	65	4	120	<5	.06	<1	17	4	20	8.72	.12	<10	.30	3178	2	<.01	4	1600	98	<5	<20	15	<.01	10	32	<10	7	240
189	7 +50 W 0 +50 W	20	2.4	1.39	65	6	205	<5	.35	1	17	3	34	8.31	.14	<10	.33	2866	1	<.01	7	1500	92	<5	<20	31	<.01	10	28	<10	10	243
190	7 +50 W 0 +75 W *	75	2.4	1.37	85	4	160	<5	.31	<1	17	5	40	8.69	.10	<10	.36	2244	1	<.01	8	1090	98	<5	<20	32	<.01	10	27	<10	13	224
191	8 +50 W 0 +75 W	70	2.0	1.03	100	4	100	<5	.15	<1	10	2	23	3.35	.08	<10	.16	1594	1	<.01	3	1760	84	5	<20	14	<.01	<10	24	<10	1	203
192	DUMS 1	<5	3.2	1.17	50	4	325	<5	.12	<1	17	4	25	3.92	.15	<10	.17	6589	1	.01	4	1830	50	5	<20	13	<.01	<10	44	<10	<1	172
193	DUMS 2	<5	.8	.72	40	4	350	<5	.26	<1	14	3	24	3.29	.18	<10	.15	4342	1	<.01	3	1530	46	<5	<20	22	<.01	<10	44	<10	<1	167
194	DUMS 3	60	3.0	1.58	60	4	110	<5	.08	<1	17	4	55	4.30	.16	<10	.35	3023	<1	<.01	5	1260	54	<5	<20	9	.01	<10	38	<10	<1	191
195	DUMS 4	20	2.6	1.08	85	2	135	<5	.07	<1	16	3	31	4.47	.14	<10	.20	2967	1	<.01	6	2300	70	5	<20	11	<.01	<10	48	<10	<1	163
196	DUMS 5 *	<5	2.4	1.39	85	2	160	<5	.06	<1	20	2	65	4.22	.11	<10	.26	4371	2	<.01	6	1670	66	5	<20	9	<.01	<10	31	<10	4	198
197	DUMS 6	10	2.0	2.30	105	4	110	<5	.06	<1	19	6	62	4.82	.15	<10	.52	3526	1	<.01	8	1340	76	5	<20	8	.02	<10	54	<10	3	196
198	DUMS 7	25	.2	2.16	115	4	110	<5	.09	<1	17	4	73	4.94	.25	<10	.68	1563	<1	<.01	7	1450	26	5	<20	9	.01	<10	76	<10	<1	148
199	DUMS 8	20	.8	2.97	120	6	150	<5	.18	<1	20	5	133	4.96	.30	<10	.85	1529	<1	.02	8	1320	28	10	<20	13	.07	<10	81	<10	5	163
200	DUMS 9	15	.8	2.96	115	4	60	<5	.06	<1	17	13	37	7.14	.07	<10	.51	1044	1	<.01	20	2890	34	10	<20	8	.01	<10	63	<10	<1	128
201	DUMS 10	15	<.2	1.46	90	2	45	<5	.02	<1	12	2	39	5.53	.04	<10	.19	575	2	<.01	6	970	26	5	<20	5	.01	<10	70	<10	<1	121
202	DUMS 11 *	<5	.2	.90	90	2	20	<5	.02	<1	14	<1	45	6.10	.02	<10	.16	514	3	<.01	11	1010	18	5	<20	5	.01	<10	45	<10	<1	115

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-9003

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ETH	DESCRIPTION			AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PH	SB	SN	SR	TI(%)	U	V	W	Y	ZN
203	DUNS	12		135	3.8	2.98	145	2	60	<5	.04	<1	15	6	49	5.44	.05	<10	.03	581	1	.01	8	520	174	5	<20	6	.01	<10	42	<10	<1	184
204	DUNS	13		35	.8	2.47	120	2	70	<5	.03	<1	14	5	57	6.78	.08	<10	.49	773	1	.01	7	1110	100	5	<20	8	.01	<10	68	<10	<1	184
205	DUNS	14	*	100	4.2	1.09	100	2	150	<5	.08	<1	26	1	39	4.65	.02	<10	.14	4445	1	<.01	6	1250	92	5	<20	9	<.01	<10	43	<10	<1	206
206	DUNS	15	*	170	1.4	.80	175	2	65	<5	.06	<1	11	<1	44	4.55	.04	<10	.13	1518	2	<.01	6	1120	50	5	<20	9	<.01	<10	53	<10	<1	146
207	DUNS	16		220	2.0	1.02	125	2	115	<5	.06	<1	18	3	53	5.49	.04	<10	.36	2520	1	<.01	7	1380	84	5	<20	9	.01	<10	68	<10	<1	143
208	DUNS	17		870	7.6	1.52	315	2	60	<5	.02	<1	11	<1	62	5.83	<.01	<10	.23	859	1	.01	5	860	112	5	<20	6	<.01	<10	54	<10	<1	230
209	DUNS	18	*	50	.6	1.44	95	2	70	<5	.08	<1	11	2	45	4.60	.09	<10	.35	1118	1	.01	4	1070	36	<5	<20	11	.03	<10	77	<10	<1	101
210	DUNS	19		20	<.2	2.99	100	4	90	<5	.06	<1	19	6	87	6.21	.13	<10	.83	1480	<1	<.01	8	940	36	10	<20	8	.04	<10	109	<10	<1	118
211	DUNS	20		60	.8	2.53	90	2	60	<5	.07	<1	12	3	90	5.39	.11	<10	.66	793	<1	.02	5	910	16	5	<20	8	.03	<10	106	<10	<1	97
212	DUNS	21		<5	.8	2.57	65	2	70	<5	.09	<1	15	3	95	5.23	.09	<10	.88	635	<1	.01	6	830	20	5	<20	8	.06	<10	115	<10	<1	84
213	DUNS	22		<5	1.0	1.86	55	4	70	<5	.19	<1	12	2	73	4.68	.08	<10	.63	687	<1	<.01	8	1200	10	5	<20	15	.04	<10	82	<10	<1	85
214	DUNS	23		10	.2	1.22	55	2	60	<5	.08	<1	7	1	50	3.93	.06	<10	.23	403	<1	<.01	4	1000	10	<5	<20	10	.02	<10	93	<10	<1	79
215	DUNS	24		20	.8	1.12	95	<2	75	<5	.09	<1	7	1	59	3.58	.04	<10	.19	1435	<1	<.01	4	1450	32	<5	<20	9	<.01	<10	45	<10	<1	112
216	DUNS	25		<5	<.2	2.69	90	2	75	<5	.04	<1	13	5	45	8.25	.05	<10	.65	761	<1	<.01	6	820	38	5	<20	7	.09	<10	143	<10	<1	98
217	DUNS	26		45	.2	.82	60	2	60	<5	.13	<1	4	<1	51	2.28	.01	<10	.09	234	1	<.01	4	880	10	<5	<20	14	<.01	<10	62	<10	<1	90
218	DUNS	27		10	<.2	.78	70	4	45	<5	.06	<1	5	2	45	2.81	.03	<10	.12	261	1	<.01	3	750	12	<5	<20	9	.01	<10	68	<10	<1	77
219	***			130	5.4	1.35	190	4	180	<5	.28	3	35	4	63	5.23	<.01	<10	.48	5485	5	<.01	32	1660	110	10	<20	20	<.01	<10	20	<10	10	319

NOTE: < = LESS THAN
* = -42 MESH
** = -20 MESH
*** = NO SAMPLE DESCRIPTION

CC: NICHOLSON ASSOC.INC.
606-675 WEST HASTINGS STREET
VANCOUVER, B.C.

ECO-TECH LABORATORIES LTD.
CLINT AYERS
LABORATORY MANAGER

SC91/TEUTON1

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

AUGUST 2, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

TEUTON RESOURCES CORP. - ETK 91-507

602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

PROJECT: DEL NORTE
216 SOIL SAMPLES RECEIVED JULY 24, 1991

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1 - 6	+75 N 1 + 50W	70	.8	1.86	120	6	60	<5	.03	<1	19	12	33	7.71	.05	10	.25	3252	9	.02	10	2100	82	5	<20	5	.04	<10	43	<10	<1	175
2 - 6	+75 N 1 +75 W	<5	2.0	2.26	50	4	110	<5	.02	<1	14	4	33	5.54	.13	<10	.36	2472	1	<.01	3	1300	46	<5	<20	4	.01	<10	62	<10	<1	117
3 - 6	+75 N 2 +00 W	<5	.8	1.30	40	4	205	<5	.10	<1	16	4	26	6.02	.10	<10	.20	4368	1	.01	2	1730	66	<5	<20	10	.01	<10	53	<10	<1	148
4 - 6	+75 N 2 +25 W	15	1.2	1.51	60	4	380	<5	.09	1	23	5	36	5.64	.13	<10	.25	9591	3	<.01	4	1460	68	<5	<20	9	.01	<10	61	<10	<1	174
5 - 6	+75 N 2 +50 W	<5	1.4	1.07	55	4	500	<5	.41	<1	20	5	33	4.72	.10	<10	.19	9526	2	<.01	3	2120	100	<5	<20	25	<.01	<10	40	<10	<1	199
6 - 6	+75 N 2 +75 W	5	.6	1.75	45	4	195	<5	.16	<1	19	4	39	5.25	.23	10	.46	4313	1	<.01	3	2950	56	5	<20	14	.01	<10	47	<10	<1	160
7 - 6	+75 N 3 +00 W	30	.8	1.71	20	4	110	<5	.06	<1	13	2	44	4.20	.18	10	.43	2941	<1	<.01	1	1340	36	<5	<20	5	.01	<10	48	<10	<1	190
8 - 6	+75 N 3 +25 W	25	3.2	2.05	85	4	130	<5	.06	<1	17	4	62	4.99	.23	<10	.66	2592	<1	<.01	4	1090	32	5	<20	7	.02	<10	67	<10	<1	179
9 - 6	+75 N 3 +50 W	<5	<.2	1.34	25	4	135	<5	.19	<1	10	2	40	3.39	.10	10	.52	1270	<1	<.01	3	1380	34	<5	<20	10	.01	<10	40	<10	4	122
10 - 6	+75 N 3 +75 W	15	.4	1.96	35	4	340	<5	.22	<1	12	3	51	3.75	.13	10	.54	2191	<1	<.01	3	1290	44	<5	<20	15	<.01	<10	43	<10	4	174
11 - 6	+75 N 4 +00 W	40	.6	1.12	35	2	265	<5	.10	1	12	1	34	3.35	.11	10	.23	5026	<1	<.01	1	1380	26	<5	<20	8	<.01	<10	39	<10	<1	112
12 - 7	+50 N 1 +00 W	45	.6	1.04	30	4	220	<5	.31	1	14	1	50	4.48	.11	10	.35	1947	<1	<.01	5	1200	32	<5	<20	13	<.01	<10	28	<10	6	179
13 - 7	+50 N 1 +25 W	60	1.0	1.20	45	4	225	<5	.30	1	19	3	69	5.30	.11	10	.44	2726	<1	<.01	6	1470	48	<5	<20	19	.01	<10	28	<10	4	239
14 - 7	+50 N 1 +50 W	35	.6	.72	30	4	160	<5	.29	1	13	<1	50	4.30	.11	10	.28	1950	<1	<.01	2	1360	44	<5	<20	10	.02	<10	36	<10	3	172
15 - 7	+50 N 1 +75 W	200	1.0	.86	30	6	280	<5	.34	2	16	<1	75	4.97	.13	10	.30	2265	1	<.01	2	1410	56	<5	<20	17	.02	<10	40	<10	4	327
16 - 7	+50 N 2 +00 W	285	1.2	1.42	95	4	40	<5	.02	<1	16	13	28	5.66	.02	10	.15	2703	7	.01	9	1230	88	5	<20	4	.01	<10	20	<10	<1	100
17 - 7	+50 N 2 +25 W	10	1.2	1.61	50	2	165	<5	.03	1	10	2	25	4.37	.10	<10	.24	2753	<1	<.01	2	1240	32	<5	<20	4	.01	<10	46	<10	<1	133
18 - 7	+50 N 2 +50 W	15	2.0	1.93	60	2	140	<5	.03	1	14	4	31	4.60	.11	<10	.24	4292	1	<.01	2	1570	54	<5	<20	4	.01	<10	50	<10	<1	160
19 - 7	+50 N 2 +75 W	25	1.6	1.94	130	4	210	<5	.15	<1	15	3	61	4.53	.19	10	.50	2372	1	<.01	4	1350	60	10	<20	14	.01	<10	52	<10	<1	219
20 - 7	+50 N 3 +00 W	20	1.0	2.43	40	4	120	<5	.06	<1	16	4	58	4.88	.17	10	.56	2820	<1	<.01	2	1310	24	<5	<20	5	.02	<10	59	<10	2	176
21 - 7	+50 N 3 +25 W	115	1.0	1.40	25	4	180	<5	.29	1	15	1	105	4.29	.16	20	.38	2453	<1	<.01	2	1690	26	5	<20	13	.04	<10	44	<10	9	228
22 - 7	+50 N 3 +75 W	85	.4	2.00	25	2	530	<5	.36	<1	11	3	67	3.68	.10	10	.37	2757	<1	<.01	2	1940	20	<5	<20	22	<.01	<10	35	<10	2	258
23 - 7	+50 N 4 +00 W	40	.8	.89	25	4	420	<5	.61	2	15	1	41	2.86	.12	<10	.19	6691	<1	<.01	1	2320	60	<5	<20	24	<.01	<10	23	<10	2	188
24 - 8	+00 N 0 +25 E	60	1.8	1.60	105	2	150	<5	.12	<1	23	1	34	5.75	.07	10	.22	3475	2	<.01	6	1530	90	<5	<20	8	<.01	<10	28	<10	4	190
25 - 8	+00 N 0 +50 E	55	1.6	1.31	135	4	210	<5	.17	<1	20	2	25	5.01	.05	10	.16	3732	1	<.01	9	2400	102	<5	<20	12	<.01	<10	21	<10	2	198
26 - 8	+00 N 0 +75 E	35	1.0	1.30	100	4	255	<5	.03	1	24	1	19	6.20	.09	10	.15	7112	3	<.01	5	2140	48	<5	<20	7	<.01	<10	27	<10	<1	176

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-507

PAGE 2

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PM	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27	8 +00 N 1 +00 E	30	2.0	1.11	75	2	305	<5	.12	<1	20	1	18	4.41	.10	10	.12	6462	1	<.01	3	1780	50	<5	<20	9	<.01	<10	34	<10	<1	133
28	8 +00 N 1 +25 E	60	.2	1.74	85	2	125	<5	.01	<1	10	1	14	4.00	.09	10	.18	1669	1	<.01	1	1030	52	<5	<20	2	<.01	<10	40	<10	<1	94
29	8 +00 N 1 +50 E	265	6.2	.98	415	2	275	<5	.58	<1	24	<1	41	6.39	<.01	20	.21	6103	1	<.01	2	1410	122	<5	<20	35	<.01	<10	18	<10	11	185
30	8 +00 N 1 +75 E	420	5.4	.57	305	<2	40	<5	.06	<1	6	<1	28	4.15	<.01	10	.08	310	5	<.01	7	600	86	10	<20	11	<.01	<10	19	<10	<1	334
31	8 +00 N 0 +00 W	35	1.2	1.82	85	2	165	<5	.23	<1	19	1	58	5.48	.14	10	.48	2904	1	<.01	5	1460	52	<5	<20	14	<.01	<10	36	<10	3	192
32	8 +00 N 0 +25 W	25	1.6	1.57	95	4	130	<5	.44	1	16	1	22	5.00	.09	20	.23	3629	3	<.01	4	1710	116	<5	<20	27	<.01	<10	24	<10	8	239
33	8 +00 N 0 +50 W	55	4.8	1.91	145	4	120	<5	.08	<1	14	<1	33	4.73	.12	20	.28	3625	1	<.01	2	1390	222	<5	<20	6	<.01	<10	31	<10	4	342
34	8 +00 N 0 +75 W	35	1.4	1.55	75	4	160	<5	.12	<1	20	5	59	5.02	.07	20	.43	2394	2	<.01	10	1030	76	<5	<20	12	<.01	<10	29	<10	7	231
35	8 +00 N 1 +00 W	115	1.2	1.16	50	4	130	<5	.18	1	17	3	59	5.25	.06	20	.41	1973	1	<.01	6	1250	68	<5	<20	11	<.01	<10	30	<10	5	208
36	8 +00 N 1 +25 W	75	.8	1.30	40	4	220	<5	.20	<1	18	3	51	5.48	.08	20	.36	2388	2	<.01	6	1350	58	5	<20	11	<.01	<10	32	<10	4	207
37	8 +00 N 1 +50 W	75	.8	1.24	35	4	215	<5	.19	<1	18	2	48	5.29	.08	20	.35	2296	1	<.01	5	1310	56	<5	<20	10	<.01	<10	31	<10	4	198
38	8 +00 N 1 +75 W	50	1.8	1.25	35	4	165	<5	.16	1	16	<1	60	5.41	.08	20	.35	2795	<1	<.01	1	1410	52	<5	<20	8	<.01	<10	28	<10	7	219
39	8 +00 N 2 +00 W	105	2.2	.88	30	4	200	<5	.26	1	16	2	77	4.00	.05	20	.29	2481	<1	<.01	3	1610	52	<5	<20	15	.01	<10	20	<10	9	266
40	8 +00 N 2 +25 W	85	1.0	1.07	20	4	100	<5	.21	<1	13	1	59	3.58	.06	20	.27	2695	<1	<.01	1	1770	38	<5	<20	11	.01	<10	26	<10	4	183
41	8 +00 N 2 +50 W	30	2.4	1.48	25	4	85	<5	.14	<1	10	2	44	3.46	.10	10	.29	1395	<1	<.01	3	2270	32	<5	<20	8	.01	<10	25	<10	1	180
42	8 +00 N 2 +75 W	5	1.2	1.10	20	4	315	<5	.07	1	11	2	24	2.98	.08	10	.14	5697	<1	<.01	2	1080	30	<5	<20	7	<.01	<10	25	<10	<1	161
43	8 +00 N 3 +00 W	15	.8	1.48	30	2	125	<5	.04	<1	8	2	24	3.53	.08	10	.16	1994	<1	<.01	1	1290	38	<5	<20	5	<.01	<10	28	<10	<1	145
44	8 +00 N 3 +25 W	20	1.0	1.77	30	4	445	<5	.39	<1	16	4	19	4.25	.11	10	.24	5986	1	<.01	2	1910	58	5	<20	23	.01	<10	36	<10	<1	206
45	8 +00 N 3 +50 W	30	2.4	1.73	25	4	100	<5	.09	<1	11	6	20	3.72	.13	10	.26	3171	<1	<.01	2	1970	48	5	<20	7	.02	<10	34	<10	<1	178
46	8 +00 N 3 +75 W	60	1.0	1.36	35	4	105	<5	.26	1	15	2	92	3.80	.10	20	.56	2455	<1	<.01	3	1600	36	5	<20	12	.03	<10	43	<10	6	166
47	8 +00 N 4 +00 W	90	.8	1.90	30	2	170	<5	.23	2	10	1	95	3.51	.09	10	.53	1606	<1	<.01	3	1810	18	5	<20	11	<.01	<10	26	<10	1	504
48	8 +50 N 0 +25 E	30	.6	1.40	80	4	130	<5	.28	<1	14	2	22	4.41	.06	10	.25	2580	2	<.01	6	2110	38	5	<20	23	<.01	<10	20	<10	1	180
49	8 +50 N 0 +50 E	290	5.6	1.07	325	2	85	<5	.04	<1	17	<1	27	5.36	<.01	10	.13	4049	2	<.01	3	1680	140	5	<20	5	<.01	<10	17	<10	5	188
50	8 +50 N 0 +75 E	15	.4	.90	100	4	105	<5	.11	<1	10	<1	17	4.43	.05	10	.11	2317	1	<.01	2	2020	28	<5	<20	8	<.01	<10	26	<10	<1	142
51	8 +50 N 1 +00 E	25	1.2	1.06	65	4	190	<5	.23	1	9	1	16	4.32	.04	<10	.10	2224	1	<.01	3	1980	34	<5	<20	19	<.01	<10	28	<10	<1	142
52	8 +50 N 1 +25 E	660	12.4	.38	3675	4	530	<5	.49	19	23	1	24	6.22	<.01	10	.16	10000	1	<.01	4	1130	288	20	<20	115	<.01	<10	7	<10	3	758
53	8 +50 N 1 +50 E	230	9.0	.27	320	4	45	<5	.09	5	27	<1	61	6.04	<.01	10	.09	2747	14	<.01	31	1050	134	20	<20	11	<.01	<10	6	<10	5	459
54	8 +50 N 1 +75 E	35	5.6	3.79	90	4	90	<5	.31	2	22	9	62	9.09	.03	30	1.11	10000	3	<.01	26	3240	34	10	<20	18	<.01	<10	88	<10	21	264
55	8 +50 N 2 +00 E	40	4.8	2.43	135	2	150	<5	.20	1	79	9	89	6.75	.01	30	.54	10000	4	<.01	74	2420	66	10	<20	14	<.01	<10	21	<10	20	389
56	8 +50 N 2 +25 E	35	2.4	2.21	115	2	215	<5	.03	<1	49	8	34	5.24	<.01	10	.27	10000	3	<.01	22	1780	12	5	<20	4	<.01	<10	20	<10	<1	177
57	8 +50 N 2 +50 E	25	.6	1.78	60	2	95	<5	.04	<1	13	6	27	4.52	.06	10	.27	2860	1	<.01	11	1360	28	5	<20	5	<.01	<10	31	<10	<1	137
58	8 +50 N 2 +75 E	55	1.2	1.88	75	2	125	<5	.05	<1	27	8	25	4.95	.05	10	.33	4000	2	<.01	16	2420	48	5	<20	5	<.01	<10	25	<10	<1	172
59	8 +50 N 3 +00 E	10 *	1.8	2.00	60	2	125	<5	.13	<1	73	37	59	5.40	.02	20	.62	8783	3	<.01	105	2420	16	10	<20	9	<.01	<10	24	<10	9	164
60	8 +50 N 3 +25 E	65	.6	1.47	35	<2	75	<5	.01	<1	7	8	13	2.52	.01	10	.10	529	1	<.01	9	960	18	<5	<20	3	<.01	<10	29	<10	<1	68
61	8 +50 N 3 +50 E	20	2.6	4.11	50	4	95	<5	.29	<1	33	22	42	7.95	<.01	20	1.79	10000	1	<.01	55	4250	<2	10	<20	11	.01	<10	40	<10	3	154
62	8 +50 N 3 +75 E	30	.8	2.19	90	4	75	<5	.02	<1	37	26	42	5.90	.01	10	.45	4239	2	<.01	45	2050	24	5	<20	6	<.01	<10	22	<10	<1	127
63	8 +50 N 4 +00 E	20	.6	1.10	80	4	130	<5	.23	<1	27	17	27	4.89	.03	<10	.30	3773	1	<.01	31	2210	18	5	<20	12	<.01	<10	19	<10	<1	122

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-507

AGE 3

TAG	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
64 - 8 +50 N	0 +00 W	170	1.2	1.38	105	2	135	<5	.30	1	26	<1	45	5.58	.02	20	.35	2790	2	<.01	8	1590	146	5	<20	10	<.01	<10	26	<10	5	182
65 - 8 +50 N	0 +25 W	40	1.4	1.76	75	4	105	<5	.06	<1	16	2	23	4.72	.05	20	.29	3289	1	<.01	5	1600	66	5	<20	6	<.01	<10	22	<10	6	197
66 - 8 +50 N	0 +50 W	75	2.6	1.23	140	2	140	<5	.09	<1	13	2	18	4.12	.01	10	.14	3116	2	<.01	2	1880	160	5	<20	6	<.01	<10	20	<10	1	273
67 - 8 +50 N	1 +00 W	55	2.6	.96	100	4	155	<5	.30	1	16	2	33	4.48	.03	30	.26	2750	3	<.01	8	1840	110	5	<20	27	<.01	<10	20	<10	13	261
68 - 8 +50 N	1 +25 W	90	1.2	1.18	75	4	165	<5	.46	1	22	6	71	5.33	.03	20	.53	2198	1	<.01	12	1720	72	<5	<20	31	<.01	<10	25	<10	6	226
69 - 8 +50 N	1 +50 W	190	3.2	1.20	500	4	175	<5	.17	2	23	2	50	5.57	<.01	30	.26	3499	3	<.01	9	1490	132	10	<20	19	<.01	<10	21	<10	12	252
70 - 8 +50 N	1 +75 W	55	1.6	1.00	75	2	45	<5	.02	<1	10	1	23	2.84	.01	10	.09	1632	6	<.01	3	1280	102	<5	<20	2	<.01	<10	13	<10	1	97
71 - 8 +50 N	2 +00 W	40	2.8	.87	95	2	105	<5	.08	1	14	1	28	5.32	.01	10	.10	3517	6	<.01	9	1900	58	5	<20	6	<.01	10	20	<10	<1	189
72 - 8 +50 N	2 +25 W	55	1.0	.99	40	4	155	<5	.22	1	13	<1	62	3.21	.12	20	.35	3030	<1	<.01	2	1480	36	<5	<20	11	.02	<10	28	<10	6	206
73 - 8 +50 N	2 +50 W	65	1.4	1.02	35	4	275	<5	.22	2	16	1	73	3.62	.06	20	.33	4529	1	<.01	3	1710	40	<5	<20	12	.01	<10	25	<10	11	255
74 - 8 +50 N	2 +75 W	25	<.2	2.77	40	4	90	<5	.08	<1	8	8	31	4.13	.09	20	.33	1183	1	<.01	2	1070	34	5	<20	4	.02	<10	28	<10	3	142
75 - 8 +50 N	3 +25 W	40	.8	1.64	35	4	180	<5	.13	<1	13	2	59	3.49	.14	20	.37	2945	<1	<.01	2	1210	44	<5	<20	9	.02	<10	30	<10	3	242
76 - 8 +50 N	3 +50 W	45	.8	.67	20	4	220	<5	.12	1	17	1	26	2.93	.12	10	.17	5928	1	<.01	1	1390	34	<5	<20	5	.01	<10	28	<10	<1	120
77 - 8 +50 N	3 +75 W	20	.8	1.38	30	2	125	<5	.07	<1	13	2	31	3.09	.10	20	.29	2397	<1	<.01	1	1460	40	<5	<20	4	.01	<10	43	<10	<1	132
78 - 8 +50 N	4 +00 W	45	.6	1.44	30	2	160	<5	.07	<1	12	4	32	3.74	.11	20	.22	3051	<1	<.01	1	1440	20	<5	<20	4	.01	<10	49	<10	<1	87
79 - 9 +00 N	0 +00 E	40	.4	1.37	70	2	110	<5	.08	<1	9	1	13	4.12	.08	10	.13	1560	2	<.01	3	2610	34	5	<20	8	<.01	<10	25	<10	<1	135
80 - 9 +00 N	0 +25 E	15	.4	1.81	65	4	205	<5	.20	<1	14	3	13	4.24	.07	20	.20	3266	2	<.01	2	2250	42	5	<20	19	<.01	<10	26	<10	<1	172
81 - 9 +00 N	0 +50 E	60	.4	1.24	70	2	185	<5	.21	<1	14	1	14	4.15	.06	10	.16	3133	1	<.01	2	2660	30	<5	<20	16	<.01	<10	25	<10	<1	143
82 - 9 +00 N	0 +75 E	25	.4	1.83	70	4	140	<5	.07	<1	18	5	15	5.29	.07	20	.20	4633	2	<.01	2	2290	48	5	<20	5	.01	<10	30	<10	<1	156
83 - 9 +00 N	1 +00 E	50	.2	.93	60	4	150	<5	.17	<1	11	2	19	3.87	.10	10	.14	2911	1	<.01	3	2230	28	5	<20	12	<.01	<10	28	<10	<1	139
84 - 9 +00 N	1 +25 E	30	.4	1.51	65	4	75	<5	.07	<1	10	1	32	3.77	.12	20	.27	1709	1	<.01	1	1920	34	5	<20	4	.01	<10	33	<10	<1	139
85 - 9 +00 N	1 +50 E	150	15.2	1.24	205	2	80	<5	.04	1	19	<1	29	5.43	.02	20	.17	3467	3	<.01	5	2380	248	10	<20	5	<.01	<10	23	<10	<1	322
86 - 9 +00 N	1 +75 E	55	3.2	2.09	100	4	115	<5	.05	<1	40	4	41	4.90	.11	20	.34	8610	4	<.01	19	4160	66	10	<20	6	<.01	<10	26	<10	4	213
87 - 9 +00 N	2 +00 E	60	5.0	3.27	215	4	175	<5	.29	2	124	9	138	6.88	<.01	40	.46	>10000	5	<.01	120	2760	28	5	<20	24	<.01	<10	19	<10	44	474
88 - 9 +00 N	3 +25 E	45	1.8	2.26	95	4	170	<5	.04	<1	43	10	35	5.86	.06	20	.42	7709	2	<.01	25	2380	78	5	<20	5	<.01	10	27	<10	<1	203
89 - 9 +00 N	4 +50 E	35	3.4	2.57	110	4	140	<5	.33	<1	42	28	74	6.26	.04	40	.89	>10000	2	<.01	92	2800	6	10	<20	11	<.01	<10	33	<10	13	160
90 - 9 +00 N	5 +75 E	60	2.4	2.11	85	2	130	<5	.03	<1	24	8	24	5.16	.05	20	.31	3679	2	<.01	15	1590	80	5	<20	4	<.01	<10	27	<10	<1	155
91 - 9 +00 N	3 +00 E	25	2.2	2.34	75	4	125	<5	.03	<1	83	30	52	5.44	.05	20	.50	7297	2	<.01	56	1910	32	5	<20	3	<.01	<10	29	<10	<1	171
92 - 9 +00 N	3 +25 E	40	1.8	2.06	70	2	100	<5	.16	<1	48	27	54	4.84	.07	20	.53	3625	2	<.01	64	1890	32	5	<20	9	<.01	<10	22	<10	<1	154
93 - 9 +00 N	0 +25 W	50	1.0	1.63	90	4	100	<5	.14	<1	18	3	23	5.07	.06	30	.21	2746	5	<.01	10	3090	50	5	<20	11	<.01	<10	22	<10	4	187
94 - 9 +00 N	0 +50 W	60	1.6	1.78	105	4	130	<5	.05	<1	16	2	20	4.38	.07	20	.24	3724	2	<.01	5	2960	56	5	<20	5	<.01	<10	22	<10	3	183
95 - 9 +00 N	0 +75 W	40	.2	1.73	60	2	80	<5	.05	<1	8	10	17	4.19	.06	20	.18	1181	1	<.01	3	2560	30	<5	<20	5	.02	<10	51	<10	<1	97
96 - 9 +00 N	1 +00 W	45	.4	.60	65	2	110	<5	.05	<1	11	2	20	3.81	.08	20	.09	3605	2	<.01	2	1400	76	5	<20	5	.01	<10	35	<10	<1	186
97 - 9 +00 N	1 +25 W	70	.6	1.29	160	2	110	<5	.42	<1	15	6	30	4.34	.01	30	.38	1183	2	<.01	10	1590	66	5	<20	47	<.01	<10	25	<10	9	178
98 - 9 +00 N	1 +50 W	95	1.0	1.13	85	4	100	<5	.50	<1	21	8	54	4.70	.02	30	.44	1359	2	<.01	16	1470	54	5	<20	35	<.01	<10	23	<10	7	159
99 - 9 +00 N	1 +75 W	50	1.0	2.91	85	6	40	<5	.05	<1	14	7	36	6.52	.02	40	.16	1693	4	.02	3	2180	52	5	<20	3	.02	<10	14	<10	7	103
100- 9 +00 N	2 +00 W	50	.6	2.25	50	4	100	<5	.06	<1	19	5	42	5.41	.07	30	.15	6160	3	<.01	2	1430	36	5	<20	5	.02	<10	36	<10	2	132

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ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
101-	9 +00 N 2 +25 W	70	.2	1.34	40	4	240	<5	.34	<1	15	2	38	4.12	.10	30	.30	3212	1	<.01	1	1620	70	<5	<20	30	.01	<10	29	<10	1	189
102-	9 +00 N 2 +75 W	50	.4	1.06	40	4	85	<5	.05	<1	22	<1	49	5.94	.07	30	.21	4029	1	<.01	<1	2690	20	<5	<20	5	.01	<10	30	<10	<1	131
103-	9 +00 N 3 +00 W	445	3.2	.74	50	6	140	<5	.11	1	34	<1	325	8.27	.06	40	.24	3090	10	<.01	1	3300	126	5	<20	6	.01	<10	18	<10	<1	336
104-	9 +00 N 3 +50 W	65	1.0	1.20	25	4	280	<5	.12	1	15	<1	69	3.74	.20	30	.35	3879	<1	<.01	1	1090	40	<5	<20	12	.03	<10	36	<10	6	270
105-	9 +00 N 3 +75 W	50	.2	2.56	35	4	90	<5	.17	<1	15	4	62	3.53	.12	30	.29	1050	2	<.01	1	2580	66	<5	<20	7	.01	<10	31	<10	7	189
106-	9 +50 N 0 +00 E	45	.8	1.77	125	4	140	<5	.05	<1	18	3	19	4.71	.07	30	.19	4053	2	<.01	3	2150	72	5	<20	6	<.01	<10	29	<10	<1	186
107-	9 +50 N 0 +25 E	30	.4	1.46	100	2	105	<5	.13	<1	14	1	18	4.48	.06	20	.14	4065	1	<.01	3	2550	52	<5	<20	9	<.01	<10	27	<10	<1	173
108-	9 +50 N 0 +50 E	35	.6	1.81	110	4	180	<5	.21	<1	23	3	68	5.19	.07	20	.24	5763	3	<.01	4	2330	48	5	<20	16	<.01	<10	32	<10	<1	194
109-	9 +50 N 0 +75 E	40	.4	1.97	85	4	150	<5	.05	<1	14	5	19	5.20	.05	30	.17	3930	2	<.01	4	1770	40	<5	<20	5	.01	<10	29	<10	<1	152
110-	9 +50 N 1 +00 E	40	.8	2.34	95	4	105	<5	.09	<1	25	3	33	4.08	.04	30	.26	5264	2	<.01	5	2670	22	<5	<20	7	<.01	<10	20	<10	3	134
111-	9 +50 N 1 +25 E	50	.8	1.52	130	4	85	<5	.04	<1	22	2	26	4.29	.03	30	.28	3590	2	<.01	4	1730	34	5	<20	7	<.01	<10	25	<10	4	110
112-	9 +50 N 1 +50 E	140	0.6	1.63	175	4	120	<5	.06	2	40	3	47	4.70	.01	30	.29	6972	3	<.01	24	2170	154	15	<20	15	<.01	<10	15	<10	3	315
113-	9 +50 N 1 +75 E	60	3.0	2.42	155	4	145	<5	.07	<1	45	7	42	5.13	.03	30	.47	7396	3	<.01	32	1880	88	15	<20	10	<.01	<10	21	<10	1	254
114-	9 +50 N 2 +00 E	35	2.2	2.26	90	4	130	<5	.09	<1	60	10	40	5.69	.07	30	.49	9227	3	<.01	31	2780	56	10	<20	8	<.01	<10	28	<10	<1	225
115-	9 +50 N 2 +25 E	55	2.8	1.78	95	4	160	<5	.16	1	35	12	30	4.88	.05	30	.38	5472	2	<.01	30	2390	110	10	<20	12	<.01	<10	24	<10	<1	202
116-	9 +50 N 2 +50 E	50	1.4	1.22	70	4	195	<5	.26	1	29	10	24	3.82	.06	20	.30	5114	1	<.01	26	2540	60	5	<20	12	<.01	<10	18	<10	<1	177
117-	9 +50 N 2 +75 E	5	1.8	1.88	75	4	85	<5	.03	<1	59	27	46	4.42	.04	30	.53	6102	2	<.01	41	2190	38	10	<20	5	<.01	<10	26	<10	<1	134
118-	9 +50 N 3 +00 E	10	1.6	2.08	90	4	125	<5	.05	<1	34	15	27	5.08	.04	30	.34	4333	3	<.01	24	1920	70	10	<20	7	<.01	<10	30	<10	<1	172
119-	9 +50 N 0 +25 W	25	1.2	1.70	95	4	150	<5	.08	<1	16	3	16	4.13	.05	20	.19	4062	2	<.01	5	2680	54	5	<20	11	<.01	<10	25	<10	<1	181
120-	9 +50 N 0 +50 W	<5	2.0	1.71	115	4	130	<5	.08	1	25	3	31	5.07	.02	30	.27	3795	6	<.01	10	2150	72	10	<20	12	<.01	<10	23	<10	2	200
121-	9 +50 N 0 +75 W	5	1.6	1.84	115	4	145	<5	.05	<1	22	2	29	4.42	.04	30	.28	5166	4	<.01	9	1980	52	5	<20	8	<.01	<10	20	<10	5	192
122-	9 +50 N 1 +00 W	10	1.2	1.88	80	4	85	<5	.05	<1	16	5	29	3.97	.06	30	.30	3389	2	<.01	6	2170	46	5	<20	6	<.01	<10	24	<10	1	165
123-	9 +50 N 2 +00 W	60	1.2	1.70	85	4	60	<5	.06	2	20	7	55	5.31	.01	40	.50	2617	1	<.01	11	1910	60	5	<20	6	.01	<10	27	<10	<1	162
124-	9 +50 N 2 +25 W	15	.6	2.06	55	4	50	<5	.04	<1	17	10	32	4.35	.04	30	.18	3862	2	<.01	3	1990	34	<5	<20	4	.01	<10	35	<10	<1	101
125-	9 +50 N 2 +50 W	40	.6	1.58	80	4	60	<5	.06	<1	22	9	46	4.59	.02	30	.36	2479	2	<.01	8	1730	36	5	<20	5	<.01	<10	24	<10	<1	144
126-	9 +50 N 2 +75 W	15	1.2	2.16	65	4	90	<5	.03	<1	23	8	48	5.35	.03	40	.32	5928	2	<.01	6	1820	62	5	<20	5	.01	<10	28	<10	1	185
127-	9 +50 N 3 +00 W	<5	.2	3.40	40	6	75	<5	.31	<1	9	29	33	3.27	.04	30	.47	236	1	.02	13	1100	42	5	<20	11	.13	<10	57	<10	8	78
128-	9 +50 N 3 +50 W	<5	.6	2.52	45	4	75	<5	.11	<1	7	4	34	3.40	.11	30	.37	1413	1	.01	2	2090	56	5	<20	7	.03	<10	33	<10	6	153
129-	L10 +00 N 0 +00 E	<5	1.0	1.88	100	6	195	<5	.05	<1	22	3	20	4.71	.06	30	.24	5600	2	<.01	5	2210	58	5	<20	11	<.01	<10	29	<10	<1	183
130-	L10 +00 N 0 +25 E	<5	1.0	1.69	115	4	175	<5	.07	<1	18	3	21	4.29	.05	30	.25	4637	2	<.01	5	1650	54	5	<20	11	<.01	<10	21	<10	<1	192
131-	L10 +00 N 0 +50 E	<5	.4	1.49	95	6	160	<5	.21	<1	14	5	22	5.38	.04	30	.20	2845	1	<.01	5	2190	32	5	<20	22	<.01	<10	34	<10	<1	162
132-	L10 +00 N 0 +75 E	<5	.6	1.58	85	4	185	<5	.10	<1	14	5	21	4.88	.04	30	.17	3118	2	<.01	4	2340	30	5	<20	13	<.01	<10	34	<10	<1	138
133-	L10 +00 N 1 +00 E	<5	.4	1.21	95	4	80	<5	.04	<1	11	3	14	4.16	.05	30	.16	2294	2	<.01	3	2140	24	<5	<20	6	.01	<10	28	<10	<1	93
134-	L10 +00 N 1 +25 E	30	1.4	.62	115	8	175	<5	.19	2	19	<1	28	4.58	.01	30	.20	2940	1	<.01	4	840	28	5	<20	24	<.01	<10	12	<10	3	142
135-	L10 +00 N 1 +50 E	45	7.8	.66	230	8	180	<5	.20	11	26	<1	47	4.91	<.01	40	.23	3109	2	<.01	7	830	172	15	<20	25	<.01	<10	8	<10	3	549
136-	L10 +00 N 1 +75 E	25	2.6	1.47	110	4	85	<5	.04	1	21	<1	22	4.42	.03	30	.19	4132	3	<.01	9	2090	84	10	<20	8	<.01	<10	14	<10	<1	186

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ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PD	SB	SN	SR	TI(%)	U	V	W	Y	ZN
137- L10 +00 N	2 +00 E	10	3.8	1.89	105	6	145	<5	.10	1	38	7	36	4.79	.05	30	.41	5621	2	<.01	27	1940	100	10	<20	12	<.01	<10	21	<10	1	231
138- L10 +00 N	2 +25 E	10	2.8	1.93	90	4	120	<5	.04	<1	39	8	31	4.92	.05	30	.37	5949	2	<.01	22	2470	60	5	<20	6	<.01	<10	23	<10	<1	199
139- L10 +00 N	2 +50 E	10	3.4	4.35	75	8	125	<5	.46	<1	20	13	36	9.10	<.01	90	2.02	>10000	2	<.01	26	3690	<2	15	<20	12	.01	<10	44	<10	21	136
140- L10 +00 N	3 +00 E	<5	2.0	2.04	90	6	90	<5	.07	<1	21	10	28	4.71	.05	30	.43	2641	2	<.01	20	2910	30	10	<20	9	<.01	<10	24	<10	<1	141
141- L10 +00 N	0 +25 W	5	1.0	1.92	95	2	155	<5	.06	<1	21	3	20	4.35	.06	30	.30	4496	2	<.01	6	2220	44	5	<20	8	<.01	<10	26	<10	<1	167
142- L10 +00 N	0 +50 W	<5	.6	1.90	90	6	110	<5	.04	<1	17	4	21	4.01	.04	30	.24	2822	4	<.01	9	2520	42	10	<20	8	<.01	<10	29	<10	<1	151
143- L10 +00 N	0 +75 W	30	1.2	1.62	100	6	105	<5	.03	<1	20	4	25	4.34	.06	30	.25	4724	2	<.01	5	2070	70	5	<20	6	<.01	<10	22	<10	<1	211
144- L10 +00 N	1 +00 W	5	.8	2.02	95	6	100	<5	.09	<1	19	3	19	4.65	.04	30	.25	2893	2	<.01	5	2770	44	5	<20	11	<.01	<10	23	<10	<1	137
145- L10 +00 N	1 +25 W	<5	.6	1.77	65	6	105	<5	.04	<1	15	4	18	3.88	.08	30	.21	2930	1	<.01	4	2030	44	5	<20	5	<.01	<10	35	<10	<1	131
146- L10 +00 N	1 +50 W	<5	1.6	1.41	135	8	130	<5	.12	1	17	1	23	4.05	.03	40	.27	3787	1	<.01	3	1460	76	<5	<20	12	<.01	<10	25	<10	11	209
147- L10 +00 N	2 +75 W	30	1.2	1.92	105	4	160	<5	.20	<1	45	11	106	6.32	.02	50	.68	3673	3	<.01	17	1650	84	10	<20	19	<.01	<10	33	<10	3	208
148- L10 +00 N	3 +00 W	70	.8	2.12	90	4	70	<5	.03	<1	32	11	71	5.95	<.01	50	.56	3495	1	<.01	17	1200	38	10	<20	6	<.01	<10	24	<10	7	205
149- L10 +00 N	3 +25 W	35	.8	1.80	55	6	70	<5	.09	<1	34	14	30	5.74	.02	30	.27	5165	2	<.01	6	2770	36	5	<20	7	.01	<10	67	<10	<1	97
150- L10 +00 N	4 +00 W	<5	.4	1.98	45	4	65	<5	.10	<1	11	6	26	3.76	.06	40	.27	2131	1	.01	3	2360	42	<5	<20	7	.04	<10	41	<10	4	105
151- L10 +50 N	0 +25 E	<5	.8	1.77	110	4	165	<5	.11	<1	18	2	19	4.55	.05	30	.23	3787	3	<.01	5	2040	36	5	<20	13	<.01	<10	21	<10	<1	154
152- L10 +50 N	0 +50 E	<5	.4	1.63	50	2	130	<5	.09	<1	6	4	11	3.24	.07	20	.14	1282	2	<.01	2	2050	22	<5	<20	12	<.01	<10	28	<10	<1	107
153- L10 +50 N	0 +75 E	<5	.4	2.26	75	4	100	<5	.06	<1	16	12	18	6.32	.04	40	.24	2905	2	.01	5	2020	32	10	<20	7	.02	<10	43	<10	<1	113
154- L10 +50 N	1 +25 E	20	.8	1.23	75	8	125	<5	.14	<1	27	<1	41	4.46	.04	40	.44	2508	7	<.01	11	1040	34	10	<20	13	<.01	<10	17	<10	6	146
155- L10 +50 N	1 +50 E	60	6.4	1.86	110	4	115	<5	.06	1	36	9	43	4.77	.03	40	.45	4567	3	<.01	31	1640	150	20	<20	9	<.01	<10	20	<10	3	279
156- L10 +50 N	1 +75 E	20	6.0	2.18	100	6	90	<5	.06	<1	36	14	34	4.72	.03	30	.43	4296	3	<.01	31	2180	60	10	<20	8	<.01	<10	23	<10	<1	203
157- L10 +50 N	2 +00 E	25	2.4	2.20	95	4	140	<5	.06	<1	58	26	43	5.40	.02	40	.48	6043	3	<.01	59	2240	32	15	<20	10	<.01	<10	24	<10	<1	195
158- L10 +50 N	2 +25 E	5	1.8	1.68	90	4	105	<5	.05	<1	62	25	37	5.60	.04	40	.37	7596	3	<.01	40	2280	38	15	<20	9	<.01	<10	30	<10	<1	172
159- L10 +50 N	2 +50 E	35	1.2	2.06	90	4	135	<5	.04	<1	56	32	34	6.53	.02	40	.42	8073	2	<.01	43	3260	20	10	<20	8	.01	<10	35	<10	<1	143
160- L10 +50 N	2 +75 E	10	.6	2.04	70	6	75	<5	.02	<1	40	33	33	5.23	.03	40	.47	4813	2	<.01	39	2510	20	10	<20	7	.01	<10	32	<10	<1	111
161- L10 +50 N	3 +00 E	5	1.4	1.66	80	6	135	<5	.07	<1	55	26	34	5.78	.03	40	.32	8349	2	<.01	48	3380	26	10	<20	10	<.01	<10	24	<10	<1	156
162- L10 +50 N	0 +00 W	<5	.8	1.93	105	4	165	<5	.06	<1	24	5	20	5.46	.06	40	.22	4830	3	.01	8	2160	62	15	<20	36	.01	<10	29	<10	<1	195
163- L10 +50 N	0 +25 W	<5	.8	1.88	110	2	170	<5	.08	<1	19	3	19	4.69	.06	40	.24	4576	4	<.01	7	2320	54	10	<20	12	<.01	<10	28	<10	<1	177
164- L10 +50 N	0 +50 W	<5	2.2	1.72	115	4	140	<5	.04	<1	18	3	19	4.28	.05	30	.22	6669	2	<.01	4	2230	80	10	<20	12	<.01	<10	22	<10	<1	229
165- L10 +50 N B.L.0 +75 W		5	1.0	1.81	80	4	155	<5	.03	<1	14	3	17	3.77	.07	30	.21	4063	1	<.01	5	2270	40	5	<20	6	<.01	<10	21	<10	<1	177
166- L10 +50 N	1 +00 W	10	.2	1.58	70	4	105	<5	.03	<1	11	2	14	4.13	.07	30	.18	1953	1	<.01	3	3010	36	5	<20	6	<.01	<10	28	<10	<1	137
167- L10 +50 N	1 +25 W	25 *	2.0	1.90	170	6	115	<5	.11	<1	12	2	26	3.48	.01	30	.21	3063	2	<.01	4	2100	78	5	<20	9	<.01	<10	31	<10	3	171
168- L10 +50 N	1 +50 W	40	1.4	1.66	130	4	105	<5	.08	<1	13	1	20	3.94	.05	30	.21	3633	1	<.01	3	2590	62	5	<20	8	<.01	<10	26	<10	1	190
169- L10 +50 N	1 +75 W	150	9.4	1.43	305	4	120	<5	.09	2	14	<1	25	4.62	<.01	40	.15	3643	3	<.01	4	1740	340	10	<20	10	<.01	<10	18	<10	6	587
170- L10 +50 N	2 +75 W	70	1.0	1.91	140	4	145	<5	.52	1	25	13	56	5.80	.01	50	.65	2837	2	<.01	15	1920	82	10	<20	51	.01	<10	40	<10	12	207

PAGE 6

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
171-	L10 +50 N 3 +00 W	90	.2	1.26	90	4	140	<5	.34	1	12	7	24	4.05	.03	30	.36	1106	2	<.01	8	1510	120	5	<20	30	<.01	<10	31	<10	<1	149
172-	L11 +00 N 0 +00 E	50	.6	2.40	70	4	130	<5	.06	<1	17	7	18	4.35	.08	40	.33	3005	2	<.01	5	1040	62	5	<20	9	.01	<10	32	<10	<1	103
173-	L11 +00 N 0 +25 E	15	.2	1.17	40	4	90	<5	.05	<1	7	2	11	2.50	.08	20	.15	1431	1	<.01	2	1700	34	<5	<20	8	<.01	<10	25	<10	<1	121
174-	L11 +00 N 0 +50 E	20	.2	2.14	70	4	115	<5	.07	<1	10	2	17	3.83	.06	30	.26	1773	1	<.01	4	1730	56	5	<20	10	<.01	<10	25	<10	<1	176
175-	L11 +00 N 0 +75 E	25	.4	1.51	40	4	90	<5	.08	<1	12	2	19	3.12	.07	30	.27	2203	1	<.01	4	2470	22	<5	<20	10	<.01	<10	25	<10	<1	110
176-	L11 +00 N 1 +00 E	25	.4	3.97	65	6	75	<5	.10	<1	8	6	19	4.45	.04	50	.21	1916	2	.05	5	1100	50	5	<20	6	.03	<10	4	<10	15	119
177-	L11 +00 N 1 +25 E	15	.2	1.51	70	6	85	<5	.10	<1	21	<1	36	4.29	.04	40	.57	1961	5	<.01	10	990	20	10	<20	10	<.01	<10	24	<10	3	121
178-	L11 +00 N 1 +50 E	45	1.2	1.83	65	4	80	<5	.07	<1	16	4	22	3.52	.06	40	.30	2275	1	<.01	7	2190	36	5	<20	7	<.01	<10	18	<10	4	118
179-	L11 +00 N 1 +75 E	70	1.0	1.89	80	4	90	<5	.06	<1	30	13	31	4.70	.04	40	.44	3360	2	<.01	33	1820	34	10	<20	8	<.01	<10	22	<10	<1	166
180-	L11 +00 N 2 +00 E	30	.6	1.80	80	4	95	<5	.04	<1	39	23	30	4.86	.03	40	.46	4775	2	<.01	43	2070	20	15	<20	7	<.01	<10	22	<10	<1	127
181-	L11 +00 N 2 +25 E	45	1.0	2.07	75	4	115	<5	.05	<1	51	34	32	5.38	.02	40	.41	5963	2	<.01	43	3440	22	10	<20	8	<.01	<10	26	<10	<1	150
182-	L11 +00 N 2 +50 E	30	1.2	1.81	85	4	130	<5	.03	<1	51	24	30	5.78	.03	40	.34	7699	2	<.01	41	3290	26	10	<20	7	.01	<10	26	<10	<1	156
183-	L11 +00 N 2 +75 E	40	.8	1.70	90	4	105	<5	.05	<1	47	29	32	5.64	.03	40	.43	6160	2	<.01	50	2860	20	10	<20	8	.01	<10	25	<10	<1	147
184-	L11 +00 N 3 +00 E	35	1.2	1.78	85	4	120	<5	.22	<1	47	27	41	6.05	.04	50	.38	6010	3	<.01	54	6150	22	10	<20	17	.01	<10	25	<10	<1	132
185-	L11 +00 N 0 +25 W	30	.6	1.90	70	4	125	<5	.03	<1	16	6	16	4.29	.09	40	.25	3794	2	<.01	4	2170	40	5	<20	6	<.01	<10	31	<10	<1	156
186-	L11 +00 N 0 +50 W	70	1.4	2.39	100	6	95	<5	.04	<1	13	7	19	3.64	.08	30	.26	5727	1	<.01	4	2890	30	5	<20	6	<.01	<10	23	<10	<1	190
187-	L11 +00 N 0 +75 W	20	1.0	2.12	75	4	95	<5	.09	<1	25	7	29	4.83	.08	40	.37	4431	3	<.01	9	3810	62	10	<20	10	<.01	<10	26	<10	<1	105
188-	L11 +00 N 1 +00 W	25	.6	1.82	65	4	100	<5	.07	<1	15	3	16	3.92	.09	30	.23	3128	1	<.01	4	2270	58	5	<20	7	<.01	<10	27	<10	<1	163
189-	L11 +00 N 1 +25 W	30	.4	1.96	90	4	85	<5	.04	<1	10	3	13	4.35	.05	40	.17	1866	2	<.01	3	3380	64	5	<20	6	<.01	<10	26	<10	<1	196
190-	L11 +00 N 1 +50 W	65	1.2	1.69	75	4	105	<5	.05	<1	10	2	15	3.29	.07	30	.18	3065	1	<.01	3	2060	74	<5	<20	5	<.01	<10	20	<10	<1	107
191-	L11 +00 N 2 +25 W	60	1.6	.92	82	32	140	<5	.31	3	20	7	49	4.71	.03	15	.26	2836	10	.05	20	1303	142	10	<20	24	<.01	<10	29	<10	17	367
192-	L11 +00 N 2 +50 W	105	2.0	1.01	100	4	150	<5	.32	2	25	4	42	5.28	.03	60	.32	2974	10	<.01	21	1420	114	10	<20	25	<.01	<10	23	<10	10	250
193-	L11 +00 N 2 +75 W	65	1.6	1.04	150	4	100	<5	.10	1	28	3	56	5.74	<.01	60	.34	2776	3	<.01	19	1190	88	10	<20	12	<.01	<10	20	<10	6	213
194-	L11 +00 N 3 +00 W	50	1.0	2.06	70	6	145	<5	.27	<1	28	11	47	5.71	.03	60	.71	3699	3	<.01	17	1600	64	15	<20	33	.02	<10	35	<10	11	203
195-	L12 +00 N 0 +25 E	5	.2	1.15	65	4	110	<5	.08	<1	21	7	28	5.35	.03	50	.20	2934	3	<.01	7	2800	50	10	<20	10	<.01	<10	44	<10	<1	136
196-	L12 +00 N 0 +50 E	40	.2	2.04	65	4	110	<5	.16	<1	13	5	13	4.91	.05	50	.21	2831	1	<.01	4	1890	24	10	<20	18	.01	<10	31	<10	<1	98
197-	L12 +00 N 0 +75 E	35	.2	1.92	80	4	140	<5	.15	<1	20	2	23	4.17	.04	50	.42	2206	2	<.01	6	1410	24	5	<20	19	<.01	<10	22	<10	2	97
198-	L12 +00 N 1 +00 E	45	.4	1.72	95	4	130	<5	.29	<1	22	1	26	3.72	.08	50	.30	2896	4	<.01	5	2210	42	5	<20	23	<.01	<10	14	<10	5	103
199-	L12 +00 N 1 +25 E	30	.8	1.60	110	4	120	<5	.13	<1	22	4	63	3.71	.06	50	.36	4118	1	<.01	7	1630	24	5	<20	14	<.01	<10	20	<10	7	119
200-	L12 +00 N 1 +50 E	60	.4	1.57	55	6	95	<5	.13	<1	17	3	24	3.50	.07	50	.44	2193	1	<.01	5	1260	20	5	<20	12	<.01	<10	21	<10	5	87
201-	L12 +00 N 1 +75 E	25	1.0	.65	85	6	80	<5	.16	1	28	8	39	4.59	.02	50	.19	3136	1	<.01	69	1280	26	15	<20	10	<.01	<10	11	<10	1	147
202-	L12 +00 N 2 +00 E	10	.8	1.24	85	6	105	<5	.46	<1	30	22	39	4.74	.02	50	.40	3956	1	<.01	70	1990	16	15	<20	16	<.01	<10	14	<10	5	138

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-507

AGE 7

TO	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
203-	L12 +00 N 2 +25 E	25	1.4	1.25	90	4	105	<5	.09	<1	32	14	36	4.78	.02	50	.31	3922	1	<.01	54	1600	28	10	<20	9	<.01	<10	15	<10	1	135
204-	L12 +00 N 2 +50 E	40	.6	1.81	80	4	95	<5	.09	<1	34	18	33	4.86	.03	50	.40	3562	1	<.01	53	1880	18	10	<20	10	<.01	<10	18	<10	2	128
205-	L12 +00 N 2 +75 E	50	.6	1.80	80	4	120	<5	.20	<1	39	22	40	4.94	.03	50	.50	4223	2	<.01	55	2080	22	10	<20	17	<.01	<10	21	<10	2	134
206-	L12 +00 N 3 +00 E	55	.8	1.79	75	4	115	<5	.07	<1	51	27	36	5.11	.02	40	.48	5027	1	<.01	53	1910	28	15	<20	9	<.01	<10	21	<10	<1	141
207-	L12 +00 N 0 +00 W	30	.6	1.44	155	6	115	<5	.13	1	46	39	55	5.26	<.01	50	.77	2893	2	<.01	101	1090	26	15	<20	17	<.01	<10	17	<10	1	147
208-	L12 +00 N 0 +25 W	45	1.0	2.21	65	4	335	<5	.15	<1	24	<1	24	4.60	.05	40	.71	7472	1	<.01	3	1120	6	10	<20	21	<.01	<10	29	<10	6	124
209-	L12 +00 N 0 +50 W	40	.4	1.33	80	4	155	<5	.07	<1	15	2	13	3.93	.08	30	.19	3418	2	<.01	4	2180	26	5	<20	11	<.01	<10	29	<10	<1	142
210-	L12 +00 N B.L.0 +75 W	45	.2	1.42	95	4	110	<5	.06	<1	10	1	14	3.67	.04	30	.18	1860	2	<.01	3	2310	28	5	<20	8	<.01	<10	19	<10	<1	126
211-	L12 +00 N 1 +00 W	65	.4	2.54	80	4	80	<5	.06	<1	13	7	14	3.66	.04	30	.19	2227	1	.01	2	2480	86	5	<20	5	<.01	<10	28	<10	<1	161
212-	L12 +00 N 1 +25 W	60	1.2	1.99	95	4	110	<5	.08	<1	15	5	19	4.51	.04	40	.28	3116	1	<.01	4	2360	138	5	<20	7	<.01	<10	27	<10	<1	296
213-	L12 +00 N 1 +50 W	<5	1.4	1.80	80	4	215	<5	.20	1	18	3	28	3.99	.07	40	.28	5814	1	<.01	4	2250	72	5	<20	18	<.01	<10	31	<10	9	206
214-	L12 +00 N 2 +25 W	60	.8	1.34	85	4	135	<5	.38	1	16	1	24	4.12	.06	40	.24	3717	2	<.01	4	2420	76	5	<20	29	<.01	<10	24	<10	5	209
215-	L12 +00 N 2 +50 W	185	3.0	.98	75	4	185	<5	.33	1	24	1	38	5.86	.04	50	.21	4084	12	<.01	27	1740	62	5	<20	24	<.01	<10	19	<10	16	237
216-	L12 +00 N 2 +75 W	35	3.4	1.23	170	4	140	<5	.22	1	40	6	67	7.01	<.01	60	.31	4489	4	<.01	18	1690	224	10	<20	18	<.01	<10	30	<10	12	297

NOTE: < = LESS THAN
* = TO -42 MESH

.c.: NICHOLSON AND ASOCIATES
606-675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

ECO-TECH LABORATORIES LTD.
CLINT AYERS
LABORATORY MANAGER

:90TEUTON

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 6, 1991

CERTIFICATE OF ASSAY ETK 91-524

TEUTON RESOURCES CORP.
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

SAMPLE IDENTIFICATION: 161 ROCK samples received JULY 25, 1991
PROJECT: DEL NORTE

ET#	Description	AU (g/t)		AU (oz/t)	AG (g/t)	AG (oz/t)	PB (%)	ZN (%)
7	82407	1.00		.03	-	-	-	-
15	82415	25.63	*	.75	1790.	52.21	-	-
16	82416	-		-	31.5	.92	-	-
18	82418	-		-	30.8	.90	-	-
19	82419	-		-	429.9	12.54	2.08	-
29	82502	9.12	*	.27	1069.	31.18	4.40	-
31	82504	11.81	*	.34	51.9	1.51	-	1.46
39	82512	7.71	*	.23	181.4	5.29	-	-
44	82517	-		-	48.1	1.40	-	-
45	82518	-		-	70.8	2.07	1.24	1.16
46	82519	1.62		.05	-	-	-	-
48	82521	-		-	30.1	.88	-	-
49	82646	17.78	*	.52	1245.	36.31	4.68	9.94
76	81776	-		-	-	-	-	1.48
83	81783	-		-	41.2	1.20	-	-
86	81786	-		-	35.8	1.04	-	-
87	81787	-		-	26.8	.78	-	-
101	81801	-		-	27.9	.81	-	-
125	82623	1.26		.04	-	-	-	-
133	82631	-		-	-	-	1.96	1.18
135	82633	-		-	112.1	3.27	-	-
141	82639	2.81		.08	58.1	1.69	-	-
144	82642	1.86		.05	52.1	1.52	-	-
148	82646	10.75	*	.31	571.7	16.67	-	-
157	82655	30.00	*	.88	3407.	99.37	10.10	-
158	82656	4.30		.13	335.0	9.77	-	-
159	82657	4.74		.14	827.8	24.14	1.18	-
160	82658	2.84		.08	145.2	4.23	-	-
161	82659	-		-	47.1	1.37	-	-

NOTE: * = SAMPLE SCREENED AND METALLIC ASSAYED

CC: NICHOLSON & ASSOCIATES
VANCOUVER, B.C.

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
524-15	18.33	149.7714	25.62934
524-29	9.189999	8.042028	9.121501
524-31	12.03	7.778765	11.80721
524-39	7.72	7.542723	7.714463
524-49	18.16	12.43001	17.77796
524-148	12.81	3.690645	10.75405
524-157	27.95	51.10697	30.00473
524-158	2.31	767.0347	4.29964
524-159	5.12	3.429408	4.743171

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

AUGUST 1, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

TEUTON RESOURCES CORP. - ETK 91-524

602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

PROJECT: DEL NORTE
161 ROCK SAMPLES RECEIVED JULY 25, 1991

ETH	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1 -	82401	30	.4	1.00	50	4	90	<5	2.12	<1	9	33	13	3.27	.17	10	.29	1220	1	<.01	3	1220	20	5	<20	27	<.01	<10	12	<10	1	73
2 -	82402	25	1.0	.63	580	6	100	<5	.72	<1	30	14	65	5.61	<.01	<10	.15	1340	1	<.01	32	1140	10	5	<20	20	<.01	<10	11	<10	<1	152
3 -	82403	5	1.0	.51	205	4	65	<5	.55	<1	23	15	63	5.53	.14	<10	.13	850	1	<.01	24	1060	16	5	<20	24	<.01	<10	8	<10	<1	132
4 -	82404	<5	.4	.64	25	4	125	<5	2.06	<1	9	37	12	3.27	.20	10	.21	1550	2	<.01	1	1310	6	5	<20	51	<.01	<10	7	<10	4	102
5 -	82405	<5	<.2	.49	15	4	95	<5	5.74	<1	6	29	7	3.16	.19	<10	.96	2217	1	<.01	<1	1550	2	10	<20	225	<.01	<10	13	<10	4	52
6 -	82406	10	1.0	.29	265	6	50	<5	.05	<1	14	37	9	9.17	.05	<10	.14	95	21	.01	<1	950	126	25	<20	10	<.01	<10	<1	<10	<1	55
7 -	82407	>1000	7.2	.12	165	6	30	<5	1.15	<1	7	172	28	2.50	<.01	<10	.14	2036	10	<.01	7	290	46	10	<20	24	<.01	<10	3	<10	<1	77
8 -	82408	20	.2	.47	20	4	75	<5	3.52	<1	11	40	47	3.39	.20	10	.44	1950	3	<.01	<1	1260	16	5	<20	113	<.01	<10	14	<10	4	119
9 -	82409	<5	.4	.52	35	4	50	<5	2.42	<1	15	43	41	4.32	.23	<10	.30	1935	3	<.01	<1	1430	56	5	<20	53	<.01	<10	16	<10	<1	149
10 -	82410	10	1.0	.43	30	4	40	<5	2.15	2	15	45	83	3.07	.21	<10	.24	1975	4	<.01	1	1300	322	5	<20	56	<.01	<10	9	<10	3	330
11 -	82411	<5	2.2	.20	20	6	50	<5	12.13	2	8	44	6	2.50	.09	<10	1.02	4656	40	<.01	<1	490	94	10	<20	878	<.01	<10	3	<10	3	375
12 -	82412	<5	1.0	.41	40	4	170	<5	2.65	1	10	54	4	1.90	.16	<10	.24	1145	7	<.01	<1	1120	138	5	<20	126	<.01	<10	3	<10	3	304
13 -	82413	160	.8	.40	55	4	70	<5	2.54	2	19	56	55	4.04	.11	<10	.31	1503	12	<.01	15	1070	26	5	<20	58	<.01	<10	16	<10	1	108
14 -	82414	380	.4	.47	770	6	55	<5	4.64	<1	11	26	5	4.09	<.01	<10	.76	1383	1	<.01	<1	1650	<2	5	<20	210	<.01	<10	5	<10	3	45
15 -	82415	>1000	>30	.05	55	2	10	10	.07	15	1	102	1979	.59	<.01	<10	.02	370	14	<.01	1	40	4636	1400	<20	8	<.01	<10	1	<10	<1	406
16 -	82416	230	>30	.44	135	4	30	<5	.06	<1	4	78	88	3.17	.07	10	.05	145	19	<.01	15	1110	710	40	<20	19	<.01	<10	18	<10	2	488
17 -	82417	30	9.6	1.20	105	6	85	<5	1.63	1	4	36	57	3.87	.27	10	.11	110	16	<.01	13	>10000	70	15	<20	138	<.01	<10	17	<10	15	373
18 -	82418	430	>30	.22	190	4	20	<5	.06	5	3	144	39	2.85	.03	10	.05	301	13	<.01	6	420	756	30	<20	9	<.01	<10	8	<10	<1	472
19 -	82419	605	>30	.12	215	<2	15	<5	.02	149	1	253	219	1.74	<.01	<10	.02	56	17	.02	3	250	>10000	370	<20	10	<.01	<10	3	<10	<1	9331
20 -	82420	205	17.8	.19	140	4	15	<5	.37	9	3	165	25	2.36	.03	<10	.12	444	12	<.01	7	440	326	15	<20	37	<.01	<10	5	<10	<1	608
21 -	82421	140	3.6	.54	30	2	130	<5	.04	7	14	130	50	4.51	.23	10	.16	5294	8	.01	1	990	1588	<5	<20	5	<.01	<10	11	<10	<1	1641
22 -	82422	115	3.6	.29	20	4	290	<5	.03	13	19	99	48	2.62	.16	10	.06	8611	8	.01	1	580	1042	<5	<20	8	<.01	<10	6	<10	<1	1786
23 -	82423	35	1.2	.37	10	4	70	<5	.04	2	6	100	29	1.99	.24	10	.05	1411	5	<.01	<1	570	480	<5	<20	3	<.01	<10	6	<10	<1	495
24 -	82424	45	2.4	.38	15	4	60	<5	.05	3	11	135	45	2.92	.14	10	.14	2434	8	<.01	2	630	1262	<5	<20	4	<.01	<10	6	<10	<1	729
25 -	82425	840	14.0	.04	5655	6	15	<5	.01	<1	14	176	336	2.62	<.01	<10	.03	51	7	<.01	3	40	138	175	<20	7	<.01	<10	<1	<10	<1	49
26 -	82426	100	17.4	.42	330	6	65	<5	.32	4	26	49	109	5.10	.09	10	.10	1472	4	<.01	43	1700	246	20	<20	19	<.01	<10	10	<10	3	398

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-524

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27 -	82427	50	3.2	.85	105	6	90	<5	.25	12	24	35	61	5.79	.13	10	.34	1668	3	<.01	27	1440	64	15	<20	17	<.01	<10	26	20	1	663
28 -	82501	<5	.6	.29	65	6	55	<5	2.13	1	14	120	31	4.03	.10	<10	.61	1000	6	<.01	14	870	10	10	<20	119	<.01	<10	7	<10	<1	119
29 -	82502	>1000	>30	.07	1460	<2	15	<5	.60	171	25	107	1796	8.06	<.01	<10	.17	863	8	.01	13	240	>10000	1485	<20	21	<.01	<10	<1	<10	<1	8974
30 -	82503	50	7.0	.60	220	6	70	<5	4.70	<1	18	84	60	5.43	.06	10	.65	1615	4	<.01	17	1180	222	15	<20	93	<.01	<10	18	<10	<1	102
31 -	82504	>1000	>30	.12	350	2	20	<5	.51	189	5	296	257	3.00	<.01	<10	.13	726	14	.03	4	260	1070	90	<20	23	<.01	<10	2	<10	<1	>10000
32 -	82505	40	.6	.50	20	6	115	<5	4.56	<1	10	37	36	3.43	.17	10	.75	1774	1	<.01	<1	1220	16	10	<20	150	<.01	<10	11	<10	5	154
33 -	82506	50	11.2	.31	185	4	80	<5	.07	1	6	60	17	4.43	.00	<10	.07	1041	4	.01	<1	870	436	15	<20	11	<.01	<10	2	<10	<1	465
34 -	82507	10	<.2	1.64	15	6	60	<5	1.03	<1	14	30	60	4.61	.19	<10	.90	507	2	<.01	1	1590	10	5	<20	158	<.01	<10	47	<10	<1	59
35 -	82508	220	1.6	.47	20	6	25	<5	.14	<1	13	107	158	3.36	.30	10	.06	166	32	<.01	1	1290	28	5	<20	54	<.01	<10	2	<10	<1	174
36 -	82509	<5	.4	1.03	10	6	25	<5	.19	<1	5	37	17	2.38	.16	<10	.92	199	4	.01	5	1080	8	5	<20	13	<.01	<10	5	<10	4	56
37 -	82510	<5	.4	2.15	15	6	85	<5	.06	<1	3	42	21	3.45	.08	<10	1.97	159	3	.01	1	580	10	10	<20	7	<.01	<10	27	<10	<1	63
38 -	82511	<5	.6	.68	75	4	95	<5	.06	1	5	65	47	4.64	.05	10	.20	144	6	.02	7	210	14	10	<20	12	<.01	<10	16	<10	<1	165
39 -	82512	>1000	>30	.03	325	6	40	<5	.01	14	2	211	172	2.45	<.01	<10	.04	927	10	<.01	3	40	1410	95	<20	4	<.01	<10	<1	<10	<1	1010
40 -	82513	295	3.6	.25	25	6	15	<5	.16	2	10	37	183	4.08	.19	<10	.08	367	19	<.01	1	1000	60	5	<20	24	<.01	<10	2	<10	<1	469
41 -	82514	95	7.8	.08	45	2	500	<5	.06	4	9	112	48	6.68	.26	<10	.42	1579	6	.01	1	960	2634	10	<20	27	<.01	<10	11	<10	<1	1223
42 -	82515	60	4.8	.92	35	2	805	<5	.09	7	10	57	51	5.44	.31	10	.51	4225	3	.01	<1	1330	2198	5	<20	25	<.01	<10	11	<10	<1	1451
43 -	82516	30	1.6	.49	35	4	40	<5	.12	1	6	68	101	6.28	.28	10	.14	442	4	.01	<1	1260	1240	5	<20	28	.01	<10	13	<10	<1	591
44 -	82517	145	>30	.10	135	<2	50	<5	1.50	30	8	192	125	2.93	.01	<10	.16	2076	17	<.01	11	1480	6464	40	<20	49	<.01	<10	13	<10	2	1897
45 -	82518	150	>30	.08	70	<2	20	<5	.63	162	5	178	293	1.45	.01	<10	.05	896	17	.03	6	510	>10000	110	<20	28	<.01	<10	3	<10	<1	>10000
46 -	82519	>1000	12.8	.07	25	4	30	<5	1.09	12	11	285	382	2.62	.01	<10	.08	1323	18	<.01	10	140	1480	10	<20	10	<.01	<10	3	360	1	739
47 -	82520	390	20.2	.07	215	6	25	<5	.08	1	4	237	58	1.22	<.01	<10	.02	574	13	<.01	9	260	276	25	<20	12	<.01	<10	2	<10	<1	155
48 -	82521	145	29.2	.06	675	6	10	<5	.01	8	3	201	78	2.22	<.01	<10	.03	120	9	<.01	6	150	226	40	<20	3	<.01	<10	<1	<10	<1	226
49 -	82646	>1000	>30	.05	1480	<2	15	<5	.28	>1000	5	149	1767	5.70	<.01	<10	.10	1097	14	<.01	3	200	>10000	525	<20	41	<.01	<10	<1	<10	<1	>10000
50 -	82651	190	22.2	1.50	65	<2	435	<5	.05	19	9	62	57	5.99	.28	10	.38	1751	5	<.01	1	1540	3426	15	<20	133	<.01	<10	13	<10	<1	1773
51 - DH - KM 81751		35	6.0	1.49	30	<2	25	<5	.73	68	11	69	59	5.34	.26	10	1.10	3709	5	.01	2	1110	4240	10	<20	55	.02	<10	18	<10	<1	8862
52 - DH - KM 81752		<5	2.6	.63	5	6	80	<5	5.26	5	4	141	11	1.79	.09	<10	.44	6843	8	<.01	3	440	674	5	<20	147	<.01	<10	10	<10	1	762
53 - DH - KM 81753		<5	1.6	.68	10	4	375	<5	.18	2	6	73	61	2.38	.32	10	.16	1159	6	.01	<1	1380	1256	<5	<20	18	<.01	<10	5	<10	<1	618
54 - DH - KM 81754		5	2.4	.55	15	<2	175	<5	.16	1	6	64	58	2.81	.27	<10	.09	931	4	.01	<1	1370	2232	<5	<20	12	<.01	<10	2	<10	<1	638
55 - DH - KM 81755		215	1.8	.40	15	4	75	<5	.14	1	4	60	25	2.00	.29	10	.06	1112	5	<.01	1	1140	402	<5	<20	10	<.01	<10	3	<10	<1	319
56 - DH - KM 81756		<5	.4	.39	5	6	1060	<5	.05	1	3	204	9	1.13	.04	<10	.22	1211	9	<.01	3	390	408	<5	<20	77	<.01	<10	5	40	<1	162
57 - DH - KM 81757		<5	1.2	.51	15	2	535	<5	.19	1	9	44	46	2.15	.23	10	.06	1799	3	<.01	1	1260	1276	<5	<20	14	<.01	<10	3	<10	1	666
58 - DH - KM 81758		130	4.4	.97	20	<2	245	<5	.18	5	11	56	93	3.54	.29	<10	.37	5254	5	<.01	<1	1290	4480	5	<20	8	<.01	<10	8	<10	<1	1388
59 - DH - KM 81759		85	8.4	.05	20	<2	70	<5	.15	2	9	132	93	3.23	.20	<10	.39	5363	8	.01	1	1010	6298	5	<20	16	<.01	<10	6	<10	<1	1176
60 - DH - KM 81760		<5	.8	.73	10	4	385	<5	.24	2	6	131	19	1.90	.21	<10	.36	1044	8	.01	2	1070	540	<5	<20	9	.02	<10	10	<10	2	456
61 - DH - KM 81761		60	1.0	1.43	40	4	100	<5	.53	<1	12	12	124	4.56	.24	<10	.86	2737	1	<.01	<1	2650	184	5	<20	5	.10	<10	20	<10	8	478
62 - DH - KM 81762		445	8.2	1.11	80	6	25	<5	.48	9	51	114	779	>15	.16	<10	1.42	319	7	.01	16	800	220	15	<20	7	.01	10	39	<10	<1	570
63 - DH - KM 81763		405	2.2	.76	45	6	25	<5	.33	<1	33	64	1097	9.17	.20	<10	.65	788	19	<.01	5	1620	22	5	<20	5	<.01	<10	25	<10	<1	194

ECO-TECH LABORATORIES LTD. TRUTON RESOURCES CORP. - ETK 91-524

PAGE 3

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
64	- DH - KM 01764	30	.4	1.79	30	4	25	<5	.35	<1	20	92	85	6.61	.22	<10	1.99	659	5	.01	9	1560	18	10	<20	9	<.01	<10	70	<10	<1	133
65	- DH - KM 01765	5	.6	1.57	20	4	35	<5	.34	<1	17	76	115	5.12	.32	<10	1.53	322	4	.01	7	1860	16	10	<20	11	<.01	<10	53	<10	<1	115
66	- DH - KM 01766	<5	.2	1.56	20	6	40	<5	.28	<1	13	86	103	5.37	.29	<10	1.66	297	4	.01	7	1750	14	10	<20	9	<.01	<10	50	<10	<1	100
67	- DH - KM 01767	50	1.0	1.17	20	6	135	<5	.52	3	39	69	1300	4.88	.24	<10	.90	2452	12	.02	11	1800	8	5	<20	18	<.01	<10	46	<10	9	696
68	- DH - KM 01768	130	.8	1.91	20	6	140	<5	1.18	2	30	77	1440	6.10	.27	<10	1.85	3057	11	<.01	13	1980	12	10	<20	13	.01	<10	59	<10	5	531
69	- DH - KM 01769	185	6.2	2.14	35	6	25	<5	1.47	<1	26	93	3610	8.76	.19	<10	2.47	3085	20	<.01	13	1560	20	20	<20	13	.01	<10	51	<10	<1	271
70	- DH - KM 01770	<5	1.0	.34	10	8	225	<5	.41	1	14	240	1240	2.49	.08	<10	.14	1804	19	.03	7	770	34	5	<20	16	<.01	<10	11	<10	11	346
71	- DH - KM 01771	<5	.6	.45	20	8	30	<5	.04	2	34	268	811	4.17	.10	<10	.24	1784	16	.01	14	830	60	5	<20	54	<.01	<10	6	<10	4	349
72	- DH - KM 01772	240	10.4	1.49	125	<2	90	<5	.08	4	9	101	189	9.51	.11	<10	.01	3372	9	.01	<1	1060	3338	10	<20	7	<.01	<10	21	<10	<1	1849
73	- DH - KM 01773	10	<.2	.34	135	6	100	<5	.05	<1	27	<1	121	>15	.03	<10	.36	1806	<1	.01	<1	3680	32	15	<20	7	.01	20	<1	<10	<1	57
74	- DH - KM 01774	<5	2.2	.39	25	6	730	<5	.12	20	12	238	31	3.96	.19	10	.09	8957	15	.01	4	700	736	5	<20	12	<.01	<10	9	<10	1	1945
75	- DH - KM 01775	25	1.6	1.44	35	6	100	<5	.29	3	10	75	61	4.71	.24	<10	.95	4138	4	<.01	<1	1280	1066	5	<20	10	.03	<10	19	<10	1	1151
76	- DH - KM 01776	55	3.6	1.25	15	<2	300	<5	.35	97	9	70	89	3.31	.27	10	.77	6203	4	.05	<1	1380	6008	5	<20	16	.01	<10	17	<10	4	>10000
77	- DH - KM 01777	5	<.2	1.38	20	6	30	<5	2.35	1	5	200	42	3.20	.01	<10	.08	1271	10	<.01	5	120	54	10	<20	273	<.01	<10	19	<10	<1	233
78	- DH - KM 01778	10	.2	.03	5	8	10	<5	.01	<1	1	231	10	.80	<.01	<10	.02	345	10	<.01	7	10	12	<5	<20	4	<.01	<10	<1	<10	<1	33
79	- DH - KM 01779	5	<.2	1.98	25	6	120	<5	2.08	<1	15	21	25	4.66	.20	<10	.04	894	1	<.01	2	660	14	5	<20	98	<.01	<10	25	<10	4	97
80	- DH - KM 01780	60	.2	.33	235	6	80	<5	3.93	<1	3	135	12	1.30	.03	10	.09	1198	8	<.01	<1	970	4	5	<20	137	<.01	<10	2	<10	9	51
81	- DH - KM 01781	225	8.2	.17	185	6	30	<5	.10	4	5	151	24	3.20	<.01	<10	.04	625	16	<.01	11	630	120	15	<20	12	<.01	<10	10	<10	1	507
82	- DH - KM 01782	185	7.2	.19	235	6	35	<5	.15	11	7	96	58	2.97	<.01	<10	.04	988	13	<.01	13	750	52	15	<20	19	<.01	<10	10	<10	3	491
83	- DH - KM 01783	205	>30	.21	215	6	85	<5	.19	6	7	139	70	3.57	<.01	<10	.08	745	21	<.01	9	1000	74	75	<20	15	<.01	<10	18	<10	<1	398
84	- DH - KM 01784	245	5.8	.20	115	6	35	<5	.05	9	8	152	31	3.48	.06	<10	.05	1267	13	<.01	13	490	64	15	<20	8	<.01	<10	7	<10	1	412
85	- DH - KM 01785	240	8.6	.27	265	6	55	<5	.04	5	9	46	24	3.95	.06	<10	.05	1108	5	<.01	8	770	344	15	<20	10	<.01	<10	4	10	<1	832
86	- DH - KM 01786	430	>30	.17	245	4	30	<5	.06	19	8	126	37	4.21	<.01	<10	.06	1011	12	<.01	5	510	1750	40	<20	9	<.01	<10	7	<10	<1	1289
87	- DH - KM 01787	205	>30	.11	160	4	10	<5	.14	52	3	196	16	2.39	<.01	<10	.03	425	13	.01	3	950	2212	20	<20	21	<.01	<10	4	<10	<1	3232
88	- DH - KM 01788	510	20.4	.17	375	6	20	<5	.02	1	6	106	22	4.82	<.01	<10	.06	624	9	<.01	4	720	1520	25	<20	9	<.01	<10	4	<10	<1	487
89	- DH - KM 01789	30	2.6	.85	90	6	75	<5	.15	15	7	44	32	3.21	.05	10	.13	674	9	.01	18	760	88	15	<20	15	<.01	<10	4	<10	6	776
90	- DH - KM 01790	355	9.8	.19	175	6	35	<5	.09	3	7	144	33	3.16	.03	<10	.05	869	15	<.01	11	590	88	20	<20	16	<.01	<10	6	<10	<1	354
91	- DH - KM 01791	345	15.0	.07	55	6	20	<5	.02	<1	2	151	42	1.26	.01	<10	.02	250	10	<.01	2	270	220	20	<20	7	<.01	<10	1	<10	<1	139
92	- DH - KM 01792	290	3.8	.12	530	6	10	<5	.04	<1	4	96	14	2.57	<.01	<10	.05	439	6	<.01	4	490	42	5	<20	9	<.01	<10	3	<10	<1	164
93	- DH - KM 01793	205	25.0	.08	80	6	15	<5	.14	2	2	109	32	1.23	.01	<10	.04	416	8	<.01	2	350	200	20	<20	13	<.01	<10	1	<10	<1	169
94	- DH - KM 01794	40	1.0	1.52	5	2	700	<5	.31	3	11	30	35	3.29	.21	10	1.05	3213	2	.01	<1	1650	1102	5	<20	22	.02	<10	23	<10	<1	842
95	- DH - KM 01795	5	.6	.22	10	4	675	<5	.01	<1	3	36	18	2.46	.15	10	.04	82	7	<.01	<1	530	24	<5	<20	23	<.01	<10	<1	<10	<1	127
96	- DH - KM 01796	40	1.2	.34	15	4	595	<5	.04	1	4	42	135	2.76	.22	10	.05	292	11	<.01	<1	1180	270	<5	<20	30	<.01	<10	2	<10	<1	295
97	- DH - KM 01797	10	<.2	1.63	60	4	50	<5	1.67	<1	44	54	43	8.87	<.01	<10	1.24	1754	<1	<.01	21	1150	22	10	<20	53	<.01	<10	154	<10	<1	108
98	- DH - KM 01798	<5	<.2	1.80	80	4	50	<5	.76	<1	54	65	53	8.99	<.01	<10	1.14	2213	<1	<.01	31	540	8	10	<20	28	<.01	<10	107	<10	<1	96
99	- DH - KM 01799	<5	1.2	.17	15	6	20	<5	4.43	<1	7	42	52	2.51	.04	<10	.18	1265	2	<.01	1	530	32	25	<20	152	<.01	<10	7	<10	2	44
100	- DH - KM 01800	230	7.6	.05	530	6	690	<5	.04	<1	5	191	17	1.44	<.01	<10	.03	593	9	<.01	2	60	420	20	<20	23	<.01	<10	6	<10	<1	236

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-524

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
101	DH - KH 01001	95	>30	.26	655	4	175	<5	.07	<1	22	213	76	5.04	<.01	<10	.12	1518	13	<.01	12	430	498	55	<20	16	<.01	<10	32	<10	<1	277
102	DH - KH 01002	<5	1.6	.04	25	6	65	<5	.10	<1	6	140	17	1.22	<.01	<10	.02	1301	10	<.01	13	90	16	5	<20	5	<.01	<10	3	<10	<1	80
103	DH MR - 02601	<5	.6	.43	25	4	305	<5	.04	<1	9	43	17	4.47	.15	10	.13	1344	3	.01	<1	1200	252	<5	<20	12	<.01	<10	2	<10	<1	169
104	DH MR - 02602	<5	.8	.32	40	10	195	<5	.04	<1	26	33	15	7.56	.11	<10	.11	4403	4	.01	<1	1720	78	5	<20	7	<.01	<10	<1	<10	<1	153
105	DH MR - 02603	<5	.8	.34	30	8	185	<5	.04	<1	17	35	15	4.62	.10	<10	.07	2723	2	.01	<1	1340	42	5	<20	9	<.01	<10	<1	<10	<1	118
106	DH MR - 02604	<5	.6	.35	25	10	250	<5	.03	<1	18	18	10	5.26	.10	10	.09	3832	1	.01	<1	1460	38	<5	<20	25	<.01	<10	<1	<10	<1	156
107	DH MR - 02605	<5	.8	.53	45	10	185	<5	.04	<1	29	30	18	6.95	.12	<10	.11	4951	2	.01	<1	1810	30	<5	<20	13	<.01	<10	<1	<10	<1	263
108	DH MR - 02606	5	.6	.28	30	8	230	<5	.06	<1	19	45	10	5.27	.11	10	.09	3744	2	.02	<1	1520	24	<5	<20	13	<.01	<10	<1	<10	<1	163
109	DH MR - 02607	10	1.2	.95	20	8	170	<5	.07	3	22	26	21	4.25	.12	<10	.27	7970	3	.01	2	1380	32	<5	<20	8	<.01	<10	<1	<10	1	528
110	DH MR - 02608	5	.8	.51	25	10	210	<5	.06	<1	16	43	12	5.05	.14	10	.10	4133	3	.01	<1	1600	70	<5	<20	12	<.01	<10	2	<10	<1	126
111	DH MR - 02609	5	.6	.67	25	12	205	<5	.08	<1	10	32	17	5.19	.13	10	.09	1475	2	.01	<1	1840	72	5	<20	43	<.01	<10	<1	<10	<1	114
112	DH MR - 02610	5	1.2	.72	20	10	120	<5	.10	<1	20	27	27	4.31	.13	<10	.08	2141	1	.01	<1	1650	78	<5	<20	37	<.01	<10	2	<10	<1	116
113	DH MR - 02611	5	1.2	.50	35	10	250	<5	.06	1	57	36	39	5.43	.09	10	.09	7269	2	.01	<1	2300	26	5	<20	69	<.01	<10	1	<10	<1	83
114	DH MR - 02612	20	.2	.26	25	10	210	<5	.03	<1	5	33	8	3.90	.10	10	.07	270	2	.01	<1	1400	30	<5	<20	14	<.01	<10	1	<10	<1	39
115	DH MR - 02613	5	.2	.31	20	8	320	<5	.04	<1	12	38	14	4.16	.12	10	.08	831	2	.01	<1	1270	26	<5	<20	26	<.01	<10	5	<10	<1	65
116	DH MR - 02614	5	.2	.24	25	6	320	<5	.02	<1	9	52	8	4.74	.12	10	.07	709	2	<.01	<1	1030	44	<5	<20	16	<.01	<10	<1	<10	<1	127
117	DH MR - 02615	5	.2	.33	40	10	335	<5	.04	<1	12	38	9	6.22	.12	10	.10	1360	2	.01	<1	1430	42	5	<20	16	<.01	<10	<1	<10	<1	141
118	DH MR - 02616	5	.4	.42	35	8	370	<5	.04	<1	13	45	18	5.06	.15	10	.09	1934	3	.01	<1	1440	68	<5	<20	19	<.01	<10	<1	<10	<1	84
119	DH MR - 02617	5	.6	.51	25	8	325	<5	.03	<1	15	65	20	4.02	.20	10	.08	1825	4	.01	<1	1230	72	5	<20	25	<.01	<10	4	<10	<1	76
120	DH MR - 02618	5	.8	.28	25	6	205	<5	.02	<1	5	32	16	3.31	.11	10	.06	270	3	<.01	<1	1130	164	5	<20	25	<.01	<10	1	<10	<1	42
121	DH MR - 02619	45	.4	.53	25	6	390	<5	.05	<1	5	36	19	3.23	.15	10	.21	229	2	<.01	<1	1390	270	5	<20	41	<.01	<10	4	<10	<1	151
122	DH MR - 02620	450	2.2	1.19	30	10	195	<5	.11	2	11	34	115	4.60	.17	<10	.72	4941	8	<.01	<1	930	588	5	<20	6	.04	<10	10	<10	<1	1286
123	DH MR - 02621	85	.6	.45	45	8	15	<5	1.10	1	31	27	121	6.62	.21	<10	.59	867	1	<.01	11	1400	48	10	<20	30	<.01	<10	11	<10	<1	100
124	DH MR - 02622	265	4.0	1.45	50	8	15	<5	.43	<1	73	45	1101	9.49	.29	<10	.78	2025	8	<.01	8	1410	34	10	<20	19	<.01	<10	25	<10	<1	397
125	DH MR - 02623	>1000	.6	1.30	15	8	30	<5	.23	<1	15	66	61	5.40	.24	<10	1.42	450	4	.01	5	1330	20	10	<20	7	<.01	<10	68	<10	<1	87
126	DH MR - 02624	50	.2	1.48	15	10	40	<5	.23	<1	13	77	63	4.86	.25	<10	1.60	368	3	.01	5	1520	20	10	<20	6	<.01	<10	55	<10	<1	95
127	DH MR - 02625	35	.2	1.46	15	10	45	<5	.23	<1	14	68	72	5.18	.22	<10	1.63	331	2	.01	5	1650	18	10	<20	4	<.01	<10	53	<10	<1	103
128	DH MR - 02626	50	.2	1.78	15	8	20	<5	.38	<1	21	71	82	6.05	.25	<10	2.05	354	2	.01	8	1810	16	10	<20	6	<.01	<10	63	<10	<1	126
129	DH MR - 02627	35	.4	.59	15	8	30	<5	.56	<1	27	46	240	3.92	.31	<10	.31	722	6	<.01	3	1920	16	<5	<20	22	<.01	<10	11	<10	3	146
130	DH MR - 02628	500	1.0	.57	55	12	115	<5	.09	<1	10	125	353	9.13	.18	<10	.50	310	64	<.01	2	670	48	10	<20	10	<.01	<10	24	<10	<1	62
131	DH MR - 02629	95	.8	1.63	15	8	25	<5	.33	<1	46	73	357	5.98	.26	<10	1.64	1570	15	.01	9	1690	50	10	<20	10	<.01	<10	45	<10	<1	128
132	DH MR - 02630	230	10.2	.57	115	4	175	<5	.05	1	7	79	90	7.21	.08	<10	.32	382	5	.01	<1	810	3048	5	<20	19	<.01	<10	6	<10	<1	1018
133	DH MR - 02631	450	12.0	.36	25	<2	75	<5	.10	77	4	140	93	3.31	.09	<10	.21	5006	8	.04	<1	170	>10000	5	<20	14	<.01	<10	3	<10	<1	>10000
134	DH MR - 02632	35	3.8	1.83	30	8	130	<5	2.01	10	9	67	26	4.63	.18	<10	1.36	7078	3	<.01	<1	1150	572	15	<20	31	.02	<10	30	<10	2	1387
135	DH MR - 02633	310	>30	.07	45	2	55	<5	.12	7	4	224	19	1.48	<.01	<10	.03	2320	12	<.01	<1	180	4508	15	<20	20	<.01	<10	5	<10	<1	421
136	DH MR - 02634	45	1.2	.34	45	8	80	<5	.37	<1	9	36	42	3.76	.15	<10	.11	285	6	.01	1	1000	72	5	<20	89	<.01	<10	5	<10	<1	51

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES CORP. - ETK 91-524

PAGE 5

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
137	DH MR - 02635	5	<.2	.90	30	8	45	<5	.31	<1	8	51	8	4.08	.12	<10	.63	553	2	.01	1	1390	10	5	<20	9	<.01	<10	19	<10	<1	25
138	DH MR - 02636	715	5.6	.14	15	8	215	10	.01	2	1	110	105	1.56	.12	<10	.03	46	27	<.01	<1	470	76	<5	<20	10	<.01	<10	3	<10	<1	350
139	DH MR - 02637	10	<.2	1.52	20	8	90	<5	5.29	<1	26	45	43	6.36	.08	<10	1.85	1343	2	<.01	13	880	6	10	<20	157	<.01	<10	66	<10	<1	69
140	DH MR - 02638	45	5.0	.25	130	8	25	<5	.03	2	4	138	29	4.13	.02	<10	.06	88	13	<.01	15	910	30	20	<20	15	<.01	<10	10	<10	2	398
141	DH MR - 02639	>1000	>30	.33	130	8	45	<5	.02	<1	1	102	31	1.42	.09	10	.02	48	42	<.01	3	730	1304	100	<20	14	<.01	<10	20	<10	1	132
142	DH MR - 02640	75	4.8	.30	165	8	30	<5	.01	<1	3	70	34	2.84	.06	<10	.04	35	30	<.01	12	560	58	40	<20	11	<.01	<10	23	<10	<1	361
143	DH MR - 02641	60	2.2	.28	160	8	25	<5	.06	2	6	55	23	2.80	<.01	<10	.05	746	6	<.01	9	470	32	10	<20	10	<.01	<10	5	<10	1	250
144	DH MR - 02642	>1000	>30	.26	145	8	35	<5	.03	1	3	114	51	2.93	.06	<10	.04	62	26	<.01	10	480	512	45	<20	15	<.01	<10	14	<10	<1	496
145	DH MR - 02643	5	1.4	.42	70	8	35	<5	.10	1	2	110	31	1.83	.06	<10	.06	70	16	.01	11	580	22	10	<20	20	<.01	<10	9	<10	1	311
146	DH MR - 02644	55	2.2	.33	120	8	45	<5	.07	6	5	80	34	2.09	.05	<10	.05	792	12	<.01	16	420	18	10	<20	17	<.01	<10	7	<10	4	455
147	DH MR - 02645	90	15.0	.53	200	10	70	<5	.37	<1	3	108	40	3.02	.10	10	.05	87	30	<.01	16	4120	864	30	<20	50	<.01	<10	37	<10	3	349
148	DH MR - 02646	>1000	>30	.12	1085	<2	40	<5	.24	110	5	127	301	4.34	<.01	<10	.07	1164	9	.01	2	460	8810	430	<20	22	<.01	<10	3	<10	<1	5898
149	DH MR - 02647	235	9.8	1.01	25	8	50	<5	.36	4	9	49	61	2.02	.28	<10	.58	1870	3	<.01	<1	1120	446	15	<20	11	.06	<10	13	<10	4	804
150	DH MR - 02648	95	4.8	.29	40	6	30	<5	.04	3	3	112	105	3.25	.16	<10	.14	571	5	<.01	<1	440	2354	5	<20	164	.03	<10	5	<10	<1	607
151	DH MR - 02649	70	4.2	.29	35	4	70	<5	.05	5	2	113	78	2.83	.17	<10	.10	497	6	<.01	<1	620	3000	5	<20	85	.04	<10	5	<10	<1	1006
152	DH MR - 02650	205	2.6	.06	30	8	30	<5	.17	6	5	71	30	3.90	.25	<10	.49	1756	6	<.01	<1	890	1700	10	<20	108	.06	<10	14	<10	<1	1300
153	DH MR - 02651	55	5.0	2.10	30	4	1045	<5	.20	4	6	50	48	4.27	.10	<10	.47	730	3	<.01	<1	3980	2450	10	<20	1010	<.01	<10	21	<10	<1	1013
154	DH MR - 02652	5	1.4	1.15	15	8	520	<5	.10	2	8	19	13	3.58	.20	<10	.69	1623	5	.01	<1	1100	290	5	<20	52	.02	<10	18	<10	2	545
155	DH MR - 02653	25	13.2	.82	15	6	620	<5	.08	1	5	56	27	2.71	.30	<10	.32	821	4	.01	<1	970	962	10	<20	29	<.01	<10	12	<10	<1	299
156	DH MR - 02654	5	2.8	.83	10	8	220	<5	.17	2	6	39	22	2.85	.30	<10	.37	1304	3	<.01	<1	1260	162	5	<20	13	<.01	<10	10	<10	1	310
157	DH MR - 02655	>1000	>30	.07	1765	<2	45	<5	.01	24	6	225	1246	5.29	<.01	<10	.05	161	22	<.01	6	270	>10000	1945	<20	27	<.01	30	1	<10	<1	1510
158	DH MR - 02656	>1000	>30	.17	315	4	45	<5	.04	4	3	164	419	3.92	<.01	<10	.06	94	26	<.01	11	650	4964	215	<20	10	<.01	<10	12	<10	<1	1055
159	DH MR - 02657	>1000	>30	.25	385	<2	45	<5	.06	3	4	140	801	3.45	<.01	<10	.05	568	15	<.01	7	610	>10000	370	<20	14	<.01	<10	11	<10	<1	1519
160	DH MR - 02658	>1000	>30	.23	410	<2	40	<5	.06	9	7	87	187	4.56	<.01	<10	.08	759	24	<.01	14	690	5250	90	<20	16	<.01	<10	12	<10	<1	1241
161	DH MR - 02659	50	>30	.07	80	6	15	<5	.01	16	3	120	121	1.27	<.01	<10	.03	777	8	<.01	3	380	1322	60	<20	12	<.01	<10	2	<10	<1	1238

NOTE: < = LESS THAN

CC: NICHOLSON ASSOC.INC.
606-675 WEST HASTINGS STREET
VANCOUVER, B.C.

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 6, 1991

CERTIFICATE OF ASSAY ETK 91-563

TEUTON RESOURCES CORP.
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

SAMPLE IDENTIFICATION: 28 ROCK samples received JULY 31, 1991
PROJECT: DEL NORTE

ET#	Description		AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)	CU (%)	AS (%)
1	-	82428	-	-	-	-	-	-
2	-	82429	-	-	30.3	.88	-	-
3	-	82522	-	-	-	-	-	-
4	-	82523	4.26	.124	-	-	-	-
5	-	82524	-	-	-	-	-	-
6	-	82525	5.61	.164	-	-	-	2.86
7	-	82526	2.93	.085	-	-	-	-
8	-	82527	-	-	-	-	-	-
9	-	82528	-	-	-	-	-	-
10	-	82529	-	-	-	-	-	-
11	-	82530	-	-	-	-	-	-
12	-	82531	14.52	.423	-	-	-	-
13	-	82532	22.33	.651	33.2	.97	-	2.69
14	-	82533	-	-	-	-	1.54	-
15	-	82534	-	-	-	-	-	-
16	-	82535	-	-	-	-	-	-
17	-	82536	2.00	.058	32.6	.95	-	4.86
18	-	DN-KM-R 81803	-	-	-	-	-	-
19	-	DN-KM-R 81804	-	-	-	-	-	-
20	-	DN-KM-R 81805	-	-	-	-	-	-
21	-	DN-KM-R 81806	-	-	-	-	-	-
22	-	DN-KM-R 81807	-	-	-	-	-	-
23	-	DN-KM-R 81808	-	-	-	-	-	-
24	-	DN-KM-R 81809	2.79	.081	-	-	1.00	-
25	-	DN-KM-R 81810	-	-	-	-	-	-
26	-	DN-KM-R 81811	-	-	-	-	-	-
27	-	DN-KM-R 81812	-	-	-	-	-	-
28	-	DN-KM-R 81813	-	-	-	-	-	-

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
563-6	5.32	9.588169	5.607578
563-12	13.64	32.31123	14.51564
563-13	21.75	43.95413	22.32812

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

AUGUST 6, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

TEUTON RESOURCES CORP. - ETK 91-563

602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

PROJECT: DEL NORTE
20 ROCK SAMPLES RECEIVED JULY 31, 1991

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	-	82428	105	1.6	.60	210	10	20	<5	.30	<1	13	183	31	4.67	.14	<10	.27	255	10	.01	4	430	110	5	<20	3	.10	<10	17	<10	3	227
2	-	82429	515	>30	.18	5135	6	10	<5	.04	<1	8	113	63	5.56	<.01	<10	.09	26	5	<.01	4	380	46	333	<20	32	<.01	<10	<1	<10	<1	36
3	-	82522	20	3.8	.31	125	8	35	<5	.02	<1	1	195	14	2.36	.22	<10	.06	19	10	.02	3	250	14	15	<20	9	<.01	<10	9	<10	<1	21
4	-	82523	>1000	13.8	.15	450	8	15	<5	.04	4	9	171	144	11.02	<.01	<10	.18	22	9	<.01	6	170	104	25	<20	3	<.01	<10	<1	<10	<1	853
5	-	82524	125	.2	2.74	30	6	85	<5	1.86	<1	24	30	2133	5.24	.20	<10	2.16	760	2	<.01	10	1270	8	10	<20	72	<.01	<10	76	<10	<1	97
6	-	82525	>1000	5.0	.36	>10000	6	25	<5	7.07	<1	24	43	1365	9.29	<.01	<10	.55	3559	4	<.01	1	190	22	15	<20	560	<.01	<10	4	30	<1	226
7	-	82526	>1000	4.4	.34	9680	8	35	<5	5.95	<1	23	191	1080	10.76	<.01	<10	.79	3029	10	<.01	10	750	20	45	<20	221	<.01	<10	6	<10	<1	643
8	-	82527	135	12.4	.14	200	10	10	10	.85	<1	19	172	3674	4.38	<.01	<10	.16	439	9	<.01	6	160	18	5	<20	52	<.01	<10	5	20	<1	84
9	-	82528	35	.6	3.26	80	8	135	<5	1.95	<1	31	58	662	7.49	.92	<10	2.16	812	2	<.01	15	2200	14	15	<20	84	.16	<10	160	<10	2	88
10	-	82529	70	19.0	.10	45	10	10	10	.02	1	3	316	2474	2.39	.01	<10	.06	78	17	<.01	7	100	24	<5	<20	3	<.01	<10	2	<10	<1	58
11	-	82530	35	2.4	2.94	60	8	115	<5	.79	<1	28	102	1636	7.91	1.04	<10	1.82	711	6	<.01	6	1990	10	10	<20	13	.29	<10	106	140	7	78
12	-	82531	>1000	27.2	1.03	>10000	10	40	75	1.32	<1	38	82	3550	>15	<.01	<10	1.03	1261	6	<.01	9	560	158	55	<20	39	.01	10	6	40	<1	294
13	-	82532	>1000	>30	.20	>10000	12	35	35	1.65	<1	49	152	4702	>15	<.01	<10	.47	955	9	<.01	9	270	236	25	<20	44	.01	10	<1	<10	<1	431
14	-	82533	970	23.8	1.97	140	10	45	50	.74	3	24	150	>10000	9.90	.09	<10	1.61	731	10	<.01	6	850	12	10	<20	20	.08	<10	78	180	<1	232
15	-	82534	80	6.0	1.60	130	10	30	<5	.26	<1	99	61	5931	>15	.41	<10	1.16	283	6	<.01	12	1350	14	10	<20	4	.09	10	71	780	<1	159
16	-	82535	40	3.2	2.00	110	12	35	<5	.24	<1	52	91	2320	>15	.63	<10	1.41	369	11	<.01	5	1320	20	10	<20	10	.16	10	134	180	<1	95
17	-	82536	>1000	>30	.23	10000	10	25	45	.74	<1	12	229	1411	8.19	<.01	<10	.37	2353	14	<.01	6	470	258	110	<20	64	<.01	<10	<1	60	<1	2617
18	-	DH-KM-R 81803	5	<.2	2.70	285	10	50	<5	.18	<1	24	80	112	12.16	.07	<10	.74	125	5	<.01	6	1330	28	10	<20	61	.01	<10	49	20	<1	59
19	-	DH-KM-R 81804	110	4.4	.17	245	10	5	<5	.05	<1	7	243	31	1.78	<.01	<10	.04	300	14	.01	5	210	6	10	<20	4	<.01	<10	3	<10	<1	37
20	-	DH-KM-R 81805	5	1.2	.42	140	10	50	<5	.13	<1	2	198	21	2.04	.25	<10	.05	39	10	.02	3	1380	8	10	<20	27	<.01	<10	13	<10	<1	25
21	-	DH-KM-R 81806	5	.2	.94	75	10	25	<5	10.07	<1	23	66	54	4.71	.24	<10	.63	1384	4	<.01	7	1550	8	10	<20	2	<.01	<10	18	<10	<1	67
22	-	DH-KM-R 81807	15	7.0	.22	1235	10	45	<5	.14	<1	5	201	31	2.89	<.01	<10	.06	84	10	<.01	5	510	16	70	<20	9	<.01	<10	4	<10	<1	29
23	-	DH-KM-R 81808	55	2.2	.28	575	12	20	<5	.11	<1	11	258	45	8.99	<.01	<10	.16	58	15	<.01	5	470	34	20	<20	6	.05	<10	4	<10	<1	37
24	-	DH-KM-R 81809	>1000	18.4	.39	25	10	15	35	4.65	<1	7	144	>10000	2.23	.22	<10	.09	993	8	<.01	6	1040	<2	5	<20	15	<.01	<10	10	10	<1	33
25	-	DH-KM-R 81810	5	.6	1.01	40	12	125	<5	12.01	<1	23	127	89	3.08	.27	<10	.53	1823	6	<.01	31	1060	2	10	<20	214	<.01	<10	29	<10	<1	57
26	-	DH-KM-R 81811	5	.4	2.94	65	10	55	<5	8.06	<1	27	25	194	6.47	.12	10	1.78	1661	2	<.01	8	2610	10	10	<20	448	.01	<10	125	<10	<1	91
27	-	DH-KM-R 81812	5	<.2	3.68	55	14	30	<5	2.52	<1	40	52	228	7.81	.03	10	3.06	1377	1	<.01	13	2490	10	15	<20	45	.28	<10	251	<10	15	106
28	-	DH-KM-R 81813	10	10.6	.39	55	10	40	5	.49	2	10	335	1005	4.58	.12	<10	.29	1504	23	<.01	6	360	24	5	<20	8	<.01	<10	10	310	<1	150

NOTE: < = LESS THAN

c.c. NICHOLSON & ASSOCIATES
606-675 WEST HASTINGS STREET
VANCOUVER, B.C.

ECO-TECH LABORATORIES LTD.
CLINT AYERS
LABORATORY MANAGER

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
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TEUTON RESOURCES CORP. - ETK 91-567

602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

UGUST 9, 1991

ALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: DEL NORTE
132 SOIL SAMPLES RECEIVED JULY 31, 1991

PJ	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- DH DG -5 - 01	20	.4	3.15	30	6	600	<5	.33	<1	38	4	279	8.73	.18	30	.91	4603	<1	<.01	10	2010	10	5	<20	16	.01	<10	86	<10	15	112
2	- DH DG -5 - 02	30	<.2	3.37	10	4	335	<5	.47	<1	25	3	184	7.23	.21	10	.63	3312	<1	<.01	8	2260	16	<5	<20	21	<.01	<10	100	<10	<1	116
3	- DH DG -5 - 03	15	<.2	3.09	20	4	145	<5	.19	<1	27	7	184	7.19	.15	20	.57	2531	<1	<.01	9	2480	12	<5	<20	8	.01	<10	76	<10	12	96
4	- DH DG -5 - 04	10	.2	2.88	<5	6	120	<5	.10	<1	21	7	116	4.63	.10	10	.53	2048	<1	<.01	7	1990	8	<5	<20	12	<.01	<10	67	<10	2	100
5	- DH DG -5 - 05	25	.4	1.97	45	6	170	<5	.28	<1	36	1	223	8.91	.12	20	.76	4742	<1	<.01	11	1800	10	5	<20	14	.01	<10	68	<10	5	113
6	- DH DG -5 - 06	10	.2	3.02	10	4	130	<5	.21	<1	22	1	103	6.66	.19	10	.66	2554	<1	<.01	7	2680	14	5	<20	10	<.01	<10	68	<10	<1	126
7	- DH DG -5 - 07	5	<.2	3.34	5	4	135	<5	.13	<1	22	3	152	5.74	.24	10	.64	2086	1	<.01	7	2450	10	5	<20	6	<.01	<10	88	<10	<1	99
8	- DH DG -5 - 08	15	<.2	3.69	<5	4	115	<5	.06	<1	21	5	145	5.66	.20	10	.66	1588	2	<.01	6	2110	10	<5	<20	5	.01	<10	96	<10	<1	104
9	- DH DG -5 - 09	45	1.2	3.02	15	6	190	<5	.18	<1	29	3	236	6.89	.14	30	.79	>10000	1	.01	8	1480	6	<5	<20	10	<.01	<10	59	<10	20	78
10	- DH DG -5 - 10	5	.2	1.76	20	6	120	<5	.22	<1	23	11	55	5.30	.10	10	.36	3458	1	<.01	4	2530	10	<5	<20	13	.03	<10	87	<10	<1	94
11	- DH DG -5 - 11	5	1.0	3.30	35	6	285	<5	.24	<1	34	1	221	10.39	.13	30	.82	>10000	1	<.01	15	1810	<2	<5	<20	22	.01	<10	63	<10	19	73
12	- DH DG -5 - 12	10	<.2	3.59	<5	6	75	<5	.14	<1	19	13	131	5.57	.11	10	.59	1858	2	.01	8	2120	14	<5	<20	9	.01	<10	65	<10	<1	97
13	- DH DG -5 - 13	10	.2	3.93	<5	6	110	<5	.20	<1	25	5	193	5.81	.15	20	.83	2644	1	.01	10	1600	14	5	<20	14	.01	<10	68	<10	2	100
14	- DH DG -5 - 14	5	<.2	3.80	<5	6	65	<5	.20	<1	22	11	140	5.06	.12	10	.63	1412	2	<.01	10	2150	14	5	<20	11	.01	<10	61	<10	1	95
15	- DH DG -5 - 15	5	.4	2.69	25	4	155	<5	.21	<1	25	6	85	6.83	.11	10	.50	3173	1	<.01	9	2930	12	5	<20	13	.01	<10	84	<10	<1	120
16	- DH DG -5 - 16	5	.2	2.88	25	4	100	<5	.07	<1	21	8	98	6.37	.11	10	.45	2632	1	<.01	10	2020	12	5	<20	7	.01	<10	82	<10	<1	99
17	- DH DG -5 - 17	5	.2	4.65	<5	6	45	<5	.13	<1	13	25	86	5.67	.08	20	.41	923	3	.02	9	1770	24	<5	<20	7	.03	<10	41	<10	4	81
18	- DH DG -5 - 18	10	.2	2.89	10	6	60	<5	.10	<1	32	14	113	5.29	.11	10	.83	1873	2	<.01	21	1670	16	5	<20	9	.01	<10	62	<10	<1	86
19	- DH DG -5 - 19	<5	.4	2.59	25	6	130	<5	.09	<1	22	12	83	5.56	.12	10	.43	2464	2	<.01	15	2280	18	5	<20	8	<.01	<10	71	<10	<1	97
20	- DH DG -5 - 20	<5	.2	3.21	15	6	60	<5	.05	<1	19	21	76	6.01	.10	10	.53	1623	2	.01	15	1920	18	5	<20	5	.01	<10	63	<10	<1	93
21	- DH DG -5 - 21	10	.2	2.31	20	4	90	<5	.07	<1	23	10	76	5.66	.13	10	.45	1515	1	<.01	17	2470	16	5	<20	6	<.01	<10	54	<10	<1	99
22	- DH DG -5 - 22	130	2.0	2.87	20	4	100	<5	.19	3	30	14	95	5.46	.12	10	.44	3029	1	.01	23	2510	612	5	<20	11	.01	<10	38	<10	5	712
23	- DH DG -5 - 23	15	.8	2.54	30	4	100	<5	.11	<1	29	13	91	5.44	.15	20	.49	5215	1	<.01	21	2910	58	5	<20	8	.01	<10	52	<10	4	201
24	- DH DG -5 - 24	<5	.6	3.35	15	6	155	<5	.15	<1	21	13	82	5.29	.10	30	.48	2297	<1	.01	17	1810	32	5	<20	12	.01	<10	39	<10	17	129
25	- DH DG -5 - 25	<5	.6	2.29	20	6	140	<5	.10	<1	28	7	105	5.02	.11	20	.61	3596	1	.01	19	1370	30	5	<20	10	.01	<10	48	<10	6	129
26	- DH DG -5 - 26	<5	.2	2.17	25	4	120	<5	.11	<1	10	12	41	5.33	.10	10	.28	1167	1	<.01	7	3220	24	<5	<20	8	.01	<10	57	<10	<1	115

ECO-TECH LABORATORIES LTD.

TEUTON RESOURCES CORP. - ETK 91-567

PAGE 2

ET#	DESCRIPTION	Mo(ppb)	Ag	Al(%)	As	B	Ba	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	Sb	Sc	Sr	Ti(%)	U	V	W	Y	Zn
27	DH BG -5 - 27	10	.2	1.64	15	4	290	<5	.35	<1	13	4	47	4.37	.13	10	.34	1259	<1	<.01	7	2550	20	5	<20	15	<.01	<10	46	<10	<1	126
28	DH BG -5 - 28	5	.6	3.09	<5	4	95	<5	.05	<1	16	14	60	4.19	.08	10	.28	2246	<1	.01	6	1690	22	<5	<20	5	.01	<10	42	<10	1	106
29	DH BG -5 - 29	5	1.2	1.41	20	6	190	<5	.09	<1	26	9	36	4.20	.13	10	.25	7040	2	<.01	8	2960	32	<5	<20	8	.01	<10	45	<10	<1	137
30	DH BG -5 - 30	5	.4	1.46	20	6	205	<5	.14	<1	21	12	34	4.93	.12	10	.31	3847	1	<.01	6	2470	20	5	<20	8	.04	<10	57	<10	<1	[illegible]
31	DH BG -5 - 31	5	.6	2.53	15	6	70	<5	.06	<1	24	12	57	6.20	.13	10	.44	4436	2	<.01	7	4140	8	5	<20	7	.01	<10	74	<10		
32	DH BG -5 - 32	10	.2	2.12	25	6	80	<5	.09	<1	12	13	44	5.83	.09	10	.30	1693	1	<.01	8	2430	18	<5	<20	7	.02	<10	66	<10		
33	DH BG -5 - 33	<5	.2	3.35	<5	6	55	<5	.11	<1	12	17	65	4.17	.11	10	.54	560	2	<.01	9	3060	16	5	<20	8	.01	<10	64	<10	<1	
34	DH BG -5 - 34	<5	.2	4.35	<5	8	45	<5	.16	<1	15	19	135	4.18	.12	10	.58	623	1	.01	10	2080	20	<5	<20	10	.02	<10	61	<10		
35	DH BG -5 - 35	<5	.2	2.67	10	6	60	<5	.11	<1	17	11	94	4.73	.13	10	.69	918	1	.01	12	2680	30	<5	<20	10	.03	<10	60	<10	2	
36	DH BG -5 - 36	<5	.4	2.24	25	4	85	<5	.07	<1	18	7	53	6.23	.08	<10	.37	2331	1	.01	7	3290	22	<5	<20	6	.01	<10	63	<10	<1	16.
37	DH BG -5 - 37	<5	.4	1.68	25	6	105	<5	.21	<1	21	7	38	5.84	.09	10	.28	3234	1	<.01	7	2380	16	<5	<20	14	.01	<10	57	<10	<1	93
38	DH BG -5 - 38	<5	2.4	2.72	10	4	135	<5	.13	<1	19	5	84	4.95	.10	10	.51	1536	1	<.01	11	2600	28	<5	<20	9	<.01	<10	52	<10	1	106
39	DH BG -5 - 39	10	.4	2.05	20	6	160	<5	.10	<1	19	10	51	5.03	.12	10	.37	2752	<1	.01	9	2270	20	5	<20	8	<.01	<10	51	<10	<1	106
40	DH BG -5 - 40	5	.6	2.14	15	4	75	<5	.05	<1	13	9	44	4.34	.12	10	.28	2552	1	.01	7	2980	24	<5	<20	5	.01	<10	48	<10	<1	86
41	DH BG -5 - 41	70	.2	2.20	25	6	100	<5	.10	<1	21	3	75	6.19	.10	<10	.38	2458	<1	<.01	6	3370	10	5	<20	11	.01	<10	65	<10	<1	94
42	DH BG -5 - 42	10	.4	1.75	40	6	80	<5	.10	<1	26	5	71	7.43	.10	<10	.28	3840	1	.01	4	2970	12	5	<20	7	.01	<10	81	<10	<1	102
43	DH BG -5 - 43	15	<.2	3.70	10	6	65	<5	.05	<1	17	18	75	5.66	.08	10	.49	1449	2	.01	7	1350	14	<5	<20	5	.02	<10	70	<10	<1	38
44	DH BG -5 - 44	10	.2	1.23	15	4	120	<5	.24	<1	10	5	45	4.28	.13	<10	.20	1659	<1	<.01	5	2490	12	<5	<20	16	.01	<10	78	<10	<1	91
45	DH BG -5 - 45	20	.4	2.23	20	6	85	<5	.10	<1	19	13	51	5.84	.12	10	.35	2682	1	.01	9	3030	12	<5	<20	8	.02	<10	67	<10	<1	96
46	DH BG -5 - 46	15	.4	2.60	30	6	80	<5	.11	<1	24	5	142	6.83	.11	10	.48	3104	1	.01	8	2460	14	<5	<20	9	.01	<10	57	<10	<1	104
47	DH BG -5 - 47	50	.8	2.65	25	6	70	<5	.07	<1	19	9	66	6.21	.10	10	.37	3106	1	.01	7	2450	18	5	<20	6	.01	<10	64	<10	<1	97
48	DH BG -5 - 48	25	.8	1.69	30	6	220	<5	.12	<1	27	6	45	5.68	.12	<10	.24	6014	1	.01	7	2580	16	<5	<20	9	.01	<10	66	<10	<1	116
49	DH BG -5 - 49	15	.6	2.16	30	4	90	<5	.05	<1	17	9	41	5.81	.11	10	.33	3665	1	.01	7	2880	30	<5	<20	6	.01	<10	57	<10	<1	123
50	DH BG -5 - 50	20	<.2	3.01	<5	4	50	<5	.10	<1	13	10	86	4.31	.09	10	.55	775	1	<.01	7	1410	16	<5	<20	8	.01	<10	51	<10	<1	82
51	DH KH -5 - 001	55	.2	1.77	45	6	185	<5	.55	<1	33	1	210	6.66	.13	10	.82	2624	<1	<.01	11	1930	8	5	<20	22	.01	<10	62	<10	2	86
52	DH KH -5 - 002	25	.2	1.74	40	6	205	<5	.53	<1	34	1	218	6.59	.13	10	.80	2921	<1	<.01	11	1780	8	5	<20	23	.01	<10	61	<10	3	87
53	DH KH -5 - 03	155	.8	1.71	445	6	190	<5	.51	<1	40	<1	239	7.91	<.01	10	.71	3773	<1	<.01	11	1710	10	5	<20	26	.01	<10	59	<10	6	104
54	DH KH -5 - 04	90	.4	1.68	230	6	175	<5	.56	<1	35	<1	224	7.07	.07	10	.74	2885	<1	<.01	10	1850	8	5	<20	23	.01	<10	60	<10	3	97
55	DH KH -5 - 05	55	.4	1.45	130	6	150	<5	.58	<1	31	<1	201	6.13	.10	10	.65	2467	<1	<.01	9	1710	8	10	<20	24	<.01	<10	50	<10	3	86
56	DH KH -5 - 06	15 *	.2	1.74	45	8	130	<5	.76	<1	33	<1	252	7.05	.18	10	.72	2692	1	<.01	10	1900	10	5	<20	33	.01	<10	58	<10	4	95
57	DH KH -5 - 07	75	.4	1.55	90	6	155	<5	.58	<1	32	<1	217	6.67	.12	10	.71	2551	<1	<.01	9	1890	10	5	<20	23	<.01	<10	55	<10	3	84
58	DH KH -5 - 08	30 *	.2	1.59	40	8	100	<5	.86	<1	30	<1	223	6.31	.17	10	.63	2033	<1	<.01	10	1860	8	5	<20	28	<.01	<10	49	<10	2	83
59	DH KH -5 - 09	65	<.2	1.49	65	6	110	<5	.67	<1	27	<1	214	6.17	.14	10	.65	1662	<1	<.01	9	2040	8	5	<20	24	<.01	<10	49	<10	2	76
60	DH KH -5 - 10	70	.4	2.08	45	8	90	<5	.75	<1	30	4	177	5.48	.13	10	1.33	1794	1	<.01	13	2020	20	10	<20	29	.01	<10	66	<10	2	77
61	DH KH -5 - 11	45	.4	2.02	40	8	75	<5	.66	<1	28	3	147	5.23	.11	10	1.32	1359	<1	<.01	14	1860	10	5	<20	25	.01	<10	64	<10	1	70
62	DH KH -5 - 12	50 *	.4	2.10	40	8	90	<5	.58	<1	29	4	170	5.55	.14	10	1.29	2057	1	<.01	13	1840	10	5	<20	24	.01	<10	67	<10	3	82
63	DH KH -5 - 13	195 *	6.4	2.14	270	8	95	<5	.65	3	38	3	174	5.79	.03	10	1.35	2167	1	<.01	12	1820	304	10	<20	30	.01	<10	68	<10	2	299

ECO-TECH LABORATORIES LTD.

TEUTON RESOURCES CORP. - ETK 91-567

AGE 3

Fi	DESCRIPTION	Au(ppb)	Ag	Al(%)	As	B	Ba	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	Sb	Sn	Sr	Ti(%)	U	V	W	Y	Zn
4 - DD RS -	37	45	.2	2.27	60	4	110	<5	.36	<1	33	3	167	8.88	.19	10	.50	4053	1	<.01	9	2080	14	<5	<20	12	.01	<10	69	<10	<1	115
5 - DD RS -	38	40	.2	3.16	30	6	95	<5	.16	<1	30	3	226	6.78	.14	10	.77	2468	<1	<.01	10	1440	6	5	<20	9	.01	<10	72	<10	1	96
6 - DD RS -	39	60 *	.2	2.10	40	6	145	<5	.66	<1	30	<1	220	7.26	.22	10	.57	2394	1	<.01	11	1970	10	<5	<20	18	.01	<10	66	<10	5	95
7 - DD RS -	40	50 *	.2	2.48	40	4	190	<5	.29	<1	31	2	625	8.46	.18	10	.63	3826	1	<.01	11	2260	4	5	<20	11	.01	<10	72	<10	<1	82
8 - DD RS -	41	40 *	<.2	2.75	35	4	175	<5	.13	<1	18	1	106	7.30	.14	10	.34	1905	1	.01	5	1970	12	5	<20	6	.01	<10	111	<10	<1	69
9 - DD RS -	42	45	<.2	2.07	5	4	75	<5	.06	<1	11	5	52	3.53	.15	10	.35	1302	<1	<.01	4	1400	6	<5	<20	7	.01	<10	71	<10	<1	64
0 - DD RS -	43	50	.4	2.57	20	6	140	<5	.19	<1	24	2	115	5.71	.15	<10	.73	3685	<1	<.01	7	2520	6	<5	<20	12	.01	<10	71	<10	<1	
1 - DD RS -	44	45	.2	2.53	30	6	260	<5	.26	<1	19	3	104	6.29	.19	<10	.62	3160	<1	<.01	5	4860	8	5	<20	9	.01	<10	86	<10	<1	
2 - DD RS -	45	30	.2	1.96	30	6	305	<5	.42	<1	18	4	83	6.22	.16	<10	.53	2826	<1	<.01	10	3600	8	<5	<20	11	.01	<10	69	<10	<1	
3 - DD RS -	46	25	.6	1.53	30	6	200	<5	.46	<1	25	5	62	5.94	.22	<10	.35	5071	<1	<.01	7	3520	4	5	<20	22	.01	<10	73	<10	<1	127
4 - DD RS -	47	40	<.2	3.05	10	6	95	<5	.16	<1	14	5	196	4.47	.18	10	.82	775	<1	<.01	6	2370	8	5	<20	13	.01	<10	66	<10	<1	85
5 - DD RS -	48	25	.2	3.05	25	6	180	<5	.16	<1	23	4	128	6.37	.22	<10	.71	3658	1	<.01	7	2600	6	<5	<20	11	.01	<10	96	<10	<1	107
6 - DD RS -	49	20 *	<.2	1.92	30	4	120	<5	.28	<1	12	1	92	5.74	.24	10	.28	1196	1	<.01	4	2230	8	<5	<20	8	.01	<10	111	<10		86
7 - DD RS -	50	140	<.2	2.70	60	6	165	<5	.22	<1	36	1	190	11.10	.12	10	.68	3478	1	<.01	8	1570	26	<5	<20	20	.01	<10	122	<10	<1	110
8 - DD RS -	51	<5	<.2	3.26	20	4	130	<5	.06	<1	18	7	114	7.01	.18	10	.75	856	1	<.01	7	1380	10	5	<20	6	.01	<10	92	<10	<1	98
9 - DD RS -	52	5	1.2	3.20	35	4	465	<5	.36	<1	35	4	173	7.70	.20	20	.68	>10000	1	<.01	10	2640	4	5	<20	24	.01	<10	99	<10	2	126
0 - DD RS -	53	25	<.2	3.05	25	6	150	<5	.07	<1	23	5	102	5.91	.20	10	.70	2770	<1	<.01	5	2680	10	5	<20	6	.01	<10	81	<10	<1	102
1 - DD RS -	54	20	<.2	3.02	20	6	195	<5	.22	<1	26	5	283	6.48	.22	20	1.05	2881	<1	<.01	10	2040	14	5	<20	19	.01	<10	107	<10	6	107
2 - DD RS -	55	30	.2	3.42	15	6	255	<5	.56	<1	26	3	351	6.15	.21	20	.91	4793	2	<.01	9	1810	10	5	<20	24	.01	<10	97	10	9	83
3 - DD RS -	56	5	.4	2.87	20	4	490	<5	.40	<1	26	2	162	5.69	.27	10	.68	4461	<1	<.01	6	2660	6	5	<20	14	.01	<10	96	<10	<1	89
4 - DD RS -	57	5	.4	3.02	20	4	225	<5	.15	<1	28	5	152	6.28	.23	<10	.69	5647	<1	<.01	7	2750	4	<5	<20	9	.01	<10	93	<10	<1	109
5 - DD RS -	58	10	.6	2.03	40	4	170	<5	.14	<1	33	4	105	6.79	.18	<10	.43	6358	<1	<.01	6	3500	6	<5	<20	8	.01	<10	81	<10	<1	101
6 - DD RS -	59	15	.6	3.22	20	4	125	<5	.07	<1	27	3	164	5.48	.21	10	.73	6486	<1	<.01	7	2830	4	<5	<20	6	.01	<10	74	<10	<1	108
7 - DD RS -	60	60	.4	1.74	25	6	165	<5	.48	<1	25	2	84	5.23	.14	<10	.60	3930	<1	<.01	5	3570	4	<5	<20	28	.01	<10	55	<10	<1	130
8 - DD RS -	61	45	1.0	2.02	25	4	305	<5	.29	<1	21	4	82	5.60	.21	<10	.47	4998	<1	<.01	5	4450	10	5	<20	10	.01	<10	80	<10	<1	120
9 - DD RS -	62	50	.4	3.67	20	4	120	<5	.08	<1	22	5	139	6.50	.14	10	.91	2041	<1	<.01	7	2070	10	5	<20	9	.01	<10	90	<10	<1	113
0 - DD RS -	63	75	<.2	3.27	20	6	55	<5	.05	<1	17	8	83	6.06	.13	<10	.73	1461	<1	.01	7	2510	10	<5	<20	10	.01	<10	89	<10	<1	84
1 - DD RS -	64	60	.4	2.44	30	6	130	<5	.13	<1	28	8	86	6.69	.13	<10	.47	4147	1	.01	6	2420	8	5	<20	13	.01	<10	93	<10	<1	116
2 - DD RS -	65	<5	<.2	3.36	20	6	60	<5	.06	<1	23	9	171	6.74	.10	10	.61	2840	<1	.01	6	1640	10	<5	<20	7	.01	<10	71	<10	<1	105
3 - DD RS -	66	20	.2	2.64	25	4	75	<5	.11	<1	19	5	86	5.46	.10	<10	.52	2651	1	<.01	6	2440	6	5	<20	10	.01	<10	74	<10	<1	110
4 - DD RS -	67	15	.2	2.13	30	6	65	<5	.06	<1	20	19	47	6.81	.13	<10	.36	4855	1	.01	6	3230	8	<5	<20	6	.09	<10	92	<10	<1	84
5 - DD RS -	68	20	.2	3.17	20	6	40	<5	.06	<1	19	13	73	6.85	.08	10	.52	2644	3	.02	6	1840	12	<5	<20	6	.04	<10	62	<10	<1	88
6 - DD RS -	69	10	<.2	2.36	20	4	50	<5	.12	<1	18	3	103	5.55	.11	<10	.64	1362	<1	.01	6	2450	8	5	<20	11	.01	<10	76	<10	<1	93
7 - DD RS -	70	10	.2	3.32	15	6	55	<5	.06	<1	18	13	71	6.03	.10	10	.46	2159	2	.01	5	1940	14	5	<20	6	.02	<10	74	<10	<1	107
8 - DD RS -	71	5	.4	2.25	30	6	80	<5	.10	<1	23	6	60	6.65	.11	<10	.37	3133	1	.01	6	2000	8	<5	<20	9	.01	<10	84	<10	<1	125
9 - DD RS -	72	10	<.2	3.40	20	6	75	<5	.06	<1	26	6	139	6.19	.11	10	.81	2221	1	<.01	10	1750	10	5	<20	8	.01	<10	79	<10	<1	98
00- DD RS -	73	5	.8	1.52	55	6	145	<5	.32	<1	23	2	84	5.06	.13	<10	.43	2484	<1	<.01	14	3080	18	5	<20	20	<.01	<10	48	<10	<1	137

ECO-TECH LABORATORIES LTD.

TEUTON RESOURCES CORP. - ETK 91-567

PAGE 4

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SC	SR	TI(%)	U	V	W	Y	ZN
101- DD MS -	74	10	.2	2.30	15	4	205	<5	.23	<1	21	4	66	5.36	.12	<10	.42	2891	<1	.01	9	2960	6	5	<20	17	<.01	<10	76	<10	<1	77
102- DD MS -	75	15	.4	1.57	35	6	120	<5	.23	<1	28	6	60	6.79	.11	<10	.27	3949	1	<.01	9	3310	8	5	<20	12	<.01	<10	73	<10	<1	107
103- DD MS -	76	10	.6	1.92	40	6	70	<5	.10	<1	22	13	44	6.66	.09	<10	.27	3505	2	.01	12	2610	14	5	<20	6	.02	<10	66	<10	<1	106
104- DD MS -	77	30	.2	2.73	25	6	75	<5	.08	<1	26	6	97	6.50	.11	<10	.52	3506	1	<.01	6	2820	8	<5	<20	7	.01	<10	73	<10	<1	103
105- DD MS -	78	5	.4	2.25	25	6	150	<5	.15	<1	32	9	59	6.67	.12	<10	.38	5367	2	<.01	8	3260	10	<5	<20	10	.01	<10	85	<10	<1	134
106- DD MS -	79	5	.2	3.35	20	8	65	<5	.11	<1	25	9	151	6.46	.10	10	.63	3317	3	.01	11	1720	14	5	<20	7	.02	<10	64	<10	5	97
107- DD MS -	80	10	<.2	2.93	15	6	55	<5	.09	<1	22	1	173	6.24	.13	<10	.72	1820	<1	.01	6	2050	8	<5	<20	7	.01	<10	60	<10	<1	82
108- DD MS -	81	20	.2	2.93	20	6	90	<5	.07	<1	24	4	149	6.26	.14	10	.72	2073	1	.01	9	2200	10	5	<20	7	.01	<10	79	<10	<1	107
109- DD MS -	82	25	.2	2.91	25	6	55	<5	.20	<1	26	2	196	6.63	.13	10	.74	2318	<1	<.01	9	2230	10	5	<20	11	.01	<10	64	<10	<1	103
110- DD MS -	83	<5	.6	2.33	30	6	135	<5	.26	<1	30	19	71	6.25	.13	<10	.36	5599	1	.01	9	2030	8	5	<20	16	.01	<10	77	<10	<1	122
111- DD MS -	84	10	.6	2.28	35	6	155	<5	.31	<1	28	8	74	7.16	.11	<10	.42	4686	1	.01	9	2030	8	5	<20	16	.01	<10	77	<10	<1	122
112- DD MS -	85	5	.4	3.60	30	4	70	<5	.05	<1	17	6	84	6.80	.11	<10	.60	1279	1	.01	6	2430	10	<5	<20	6	.01	<10	54	<10	<1	100
113- DD MS -	86	15 *	.2	2.84	25	6	140	<5	.15	<1	18	7	88	6.60	.17	<10	.62	1212	<1	<.01	5	2690	8	5	<20	10	.02	<10	105	<10	<1	110
114- DD MS -	87	10	.6	3.17	35	4	165	<5	.13	<1	28	7	93	6.91	.19	<10	.60	4094	1	.01	6	2390	16	5	<20	10	.01	<10	122	<10	<1	161
115- DD MS -	88	40	.2	3.65	25	6	110	<5	.07	<1	20	5	93	6.98	.15	<10	.58	1799	1	.01	5	2260	12	5	<20	8	.02	<10	110	<10	<1	97
116- DD MS -	89	35 *	1.4	1.36	20	6	390	<5	.44	<1	46	6	66	4.38	.19	<10	.26	>10000	1	<.01	8	4490	<2	<5	<20	35	<.01	<10	49	<10	<1	180
117- DD MS -	90	30	.6	2.39	20	6	105	<5	.25	<1	21	2	105	6.33	.14	<10	.56	2667	1	.01	7	2970	6	5	<20	9	.01	<10	64	<10	<1	102
118- DD MS -	91	20	.4	2.31	30	6	80	<5	.31	<1	30	5	86	6.24	.13	<10	.59	3586	<1	<.01	14	2190	10	5	<20	11	.01	<10	72	<10	<1	80
119- DD MS -	92	5	.4	1.89	40	6	55	<5	.11	<1	21	16	50	6.08	.10	<10	.32	2039	2	.01	12	1630	16	5	<20	8	.04	<10	96	<10	<1	81
120- DD MS -	93	10	<.2	2.63	30	4	105	<5	.10	<1	19	19	66	6.91	.07	<10	.53	1441	<1	<.01	9	2190	14	5	<20	7	.08	<10	163	<10	<1	79
121- DD MS -	94	<5	<.2	3.03	25	4	90	<5	.05	<1	15	5	74	6.73	.08	10	.47	844	1	<.01	6	1350	16	<5	<20	6	.03	<10	160	<10	<1	72
122- DD MS -	95	<5 *	1.0	1.75	50	4	100	<5	.06	<1	28	9	67	7.33	.10	<10	.34	3450	1	<.01	18	1700	14	5	<20	5	.01	<10	87	<10	<1	69
123- DD MSS -	96	<5	.8	1.64	45	6	155	<5	.29	<1	32	2	79	6.75	.17	<10	.44	3252	<1	<.01	16	3110	14	5	<20	21	<.01	<10	46	<10	<1	94
124- DD MSS -	28	15	.4	2.62	35	6	305	<5	.49	<1	37	8	314	7.21	.13	20	1.25	4722	<1	<.01	12	1620	12	5	<20	24	.02	<10	96	<10	10	105
125- DD MSS -	29	20	.4	2.56	40	6	360	<5	.49	<1	38	10	317	7.41	.15	20	1.22	4657	1	<.01	13	1650	10	10	<20	24	.02	<10	97	<10	10	107
126- DD MSS -	30	10 *	.2	2.16	40	6	245	<5	.47	<1	35	5	254	7.06	.13	10	1.07	3530	<1	<.01	10	1670	8	<5	<20	21	.02	<10	85	<10	5	100
127- DD MSS -	31	<5	<.2	1.82	35	6	170	<5	.27	<1	32	2	208	7.04	.12	10	.72	2979	<1	<.01	8	1740	8	5	<20	16	.01	<10	70	<10	5	90
128- DD MSS -	32	5	.4	1.75	70	6	265	<5	.45	<1	40	<1	259	8.91	.14	10	.62	3798	<1	<.01	8	1960	14	5	<20	21	<.01	<10	60	<10	5	116
129- DD MSS -	33	25	.2	1.82	45	6	220	<5	.47	<1	39	2	264	7.41	.11	10	.83	3263	<1	<.01	12	1800	8	5	<20	23	.01	<10	66	<10	3	99
130- DD MSS -	34	5 *	.2	1.77	35	6	180	<5	.52	<1	36	2	214	6.69	.11	10	.83	2765	<1	<.01	11	1790	10	5	<20	21	.01	<10	62	<10	2	94
131- DD MSS -	35	10	.2	1.77	45	6	210	<5	.45	<1	33	1	229	6.83	.12	10	.81	3080	<1	<.01	9	1730	10	5	<20	19	.01	<10	65	<10	4	96
132- DD MSS -	36	5	<.2	1.73	40	6	180	<5	.45	<1	32	<1	205	6.63	.12	10	.71	2694	<1	<.01	10	1700	10	5	<20	16	<.01	<10	57	<10	2	90

QTY: < = LESS THAN

QTY: < = LESS THAN
* = 70 - 42 MESH

.c. NICHOLSON & ASSOCIATES
* 606-675 WEST HASTINGS STREET
* VANCOUVER, B.C.

ECO-TECH LABORATORIES LTD.
CLIFF ATERS
LABORATORY MANAGER

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GUST 19, 1991

TEUTON RESOURCES CORP. - ETK 91-623
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

LUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: TWILIGHT
39 SOIL SAMPLES RECEIVED AUGUST 12, 1991

#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1-	DNKMD 14	140	2.4	3.90	550	10	180	<5	.82	<1	43	11	376	3.22	.69	10	2.00	1300	2	.11	17	1520	26	30	<20	37	.18	<10	177	<10	15	172
2-	DNKMD 15	55	2.8	3.03	230	12	150	<5	1.16	<1	41	12	270	3.20	.48	10	1.52	1304	2	.08	14	1890	26	15	<20	46	.11	<10	131	<10	11	161
3-	DNKMD 16	30	1.2	3.28	130	12	110	<5	.82	<1	40	12	255	3.33	.34	10	1.41	1286	3	.07	14	2170	28	15	<20	31	.06	<10	120	<10	15	138
4-	DNKMD 17	95	1.8	2.61	330	10	85	<5	.77	<1	30	12	181	3.34	.30	10	1.33	1310	2	.09	14	1940	26	15	<20	38	.09	<10	104	<10	13	128
5-	DNKMD 18	80	2.4	2.35	380	10	80	<5	.69	<1	30	10	172	3.21	.31	10	1.28	1310	3	.07	12	1670	30	25	<20	33	.08	<10	95	<10	12	116
6-	DNKMD 19	115	2.4	2.86	385	12	90	<5	.80	<1	34	11	202	3.20	.30	10	1.40	1308	2	.09	15	1990	28	25	<20	41	.11	<10	113	<10	13	134
7-	DNKMD 20	50	1.2	3.69	230	10	190	<5	.61	<1	43	13	334	3.18	.66	10	2.25	1299	3	.08	14	1460	12	20	<20	30	.20	<10	177	<10	12	121
8-	DNKMD 21	30	.6	4.77	65	8	120	<5	.19	<1	36	12	285	3.18	.61	<10	2.09	1300	5	.09	12	2290	10	15	<20	13	.16	<10	209	<10	6	145
9-	DNKMD 22	25	.8	4.18	325	6	180	<5	1.31	<1	53	10	380	3.18	.92	<10	2.28	1300	3	.09	13	1720	10	15	<20	47	.22	<10	227	<10	12	149
0-	DNKMD 23	10	.6	2.14	65	6	135	<5	.89	<1	16	7	58	3.22	.62	<10	.99	812	2	.06	6	2380	12	10	<20	44	.11	<10	162	<10	2	95
1-	DNKMD 24	10	.6	4.30	65	6	85	<5	.25	<1	26	10	141	3.20	.40	10	1.35	1341	1	.07	9	1290	8	15	<20	17	.14	<10	168	<10	10	105
2-	DNKMD 25	<5	.4	.82	20	14	75	<5	.56	<1	8	4	52	1.91	.20	<10	.32	544	1	.02	4	1660	2	5	<20	18	.05	<10	48	<10	2	96
3-	DNKMD 26	<5	.8	3.75	30	12	115	<5	.15	<1	27	11	109	3.19	.44	<10	1.34	1304	2	.08	8	1310	8	15	<20	11	.17	<10	209	<10	6	84
4-	DNKMD 27	25	1.2	5.05	90	8	145	<5	.33	<1	27	9	222	3.20	.64	10	1.66	1292	2	.07	11	1540	10	15	<20	20	.20	<10	165	<10	9	99
5-	DNKMD 28	220	5.0	3.35	1180	4	60	<5	.39	<1	45	19	340	3.18	.40	10	1.35	1294	3	.10	20	1360	40	55	<20	17	.07	<10	129	<10	14	165
6-	DNKMD 29	50	1.4	2.81	375	10	100	<5	.15	<1	40	11	186	3.21	.42	<10	.86	1241	2	.09	10	2180	22	20	<20	10	.06	<10	165	10	5	117
7-	DNKMD 30	35	2.8	3.60	405	6	90	<5	.17	<1	67	22	489	3.18	.28	10	1.02	1134	4	.07	19	3780	22	20	<20	11	.05	<10	116	<10	9	136
8-	DNKMD 31	130	4.0	5.68	320	6	100	<5	.11	<1	35	8	247	3.19	.55	10	1.67	1294	1	.08	10	1120	30	20	<20	13	.17	<10	169	<10	11	148
9-	DNKMD 32	20	.2	4.09	160	6	70	<5	.19	<1	25	6	158	3.35	.18	<10	1.64	1129	3	.07	8	1020	10	15	<20	17	.15	<10	203	<10	4	88
-	DNKMD 33	130	4.2	5.01	245	10	190	<5	.39	2	55	7	1075	2.91	.28	<10	1.69	1131	3	.12	11	1690	28	25	<20	35	.15	<10	171	<10	14	150
-	DNKMD 34	85	1.4	4.54	160	14	205	<5	.97	1	44	7	503	2.92	1.16	<10	2.46	1144	5	.13	10	1500	8	15	<20	43	.26	<10	218	<10	19	126
-	DNKMD 35	5	.2	.14	10	10	85	<5	.57	1	2	1	21	.39	.05	<10	.05	220	<1	<.01	2	770	6	<5	<20	25	.01	<10	6	<10	<1	44
-	DNKMD 36	20	1.0	3.56	165	6	75	<5	.29	<1	39	6	310	2.93	.32	<10	1.57	1173	3	.10	8	1170	10	15	<20	18	.14	<10	169	10	5	128
-	DNKMD 37	30	.6	4.09	155	12	155	<5	.47	<1	69	12	399	2.91	.97	<10	2.16	1153	3	.12	12	1440	6	20	<20	19	.24	<10	260	10	8	131
-	DNMS 97	40	3.2	3.88	345	8	155	<5	.09	<1	27	14	237	3.07	.46	<10	1.55	1170	4	.09	12	1190	16	20	<20	9	.10	<10	166	<10	6	131
-	DNMS 98	5	1.2	2.28	125	8	50	<5	.03	<1	21	11	102	3.01	.20	<10	.82	1170	3	.09	7	1020	14	15	<20	5	.06	<10	144	<10	5	102

E 2 TEUTON RESOURCES ETK 91-623 AUGUST 19, 1991 ECO-TECH LABORATORIES LTD.

	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
7-	DNMS 99	5	.2	1.34	120	8	30	<5	.11	<1	8	5	62	2.98	.19	<10	.38	359	2	.05	5	710	12	10	<20	9	.04	<10	187	<10	2	60
8-	DNMS 100	5	.8	2.55	70	6	70	<5	.07	<1	15	5	75	2.94	.19	<10	.83	1041	1	.07	5	1010	10	15	<20	11	.05	<10	130	<10	3	72
9-	DNMS 101	35	3.2	2.07	95	4	225	<5	.13	<1	28	9	84	2.95	.28	<10	.63	963	2	.06	5	2220	20	15	<20	12	.04	<10	126	<10	3	150
0-	DNMS 102	10	2.6	2.10	160	8	70	<5	.18	<1	49	8	89	2.93	.22	<10	.45	1039	4	.08	5	5610	20	15	<20	13	.02	<10	120	<10	4	104
1-	DNMS 103	5	1.0	1.05	105	6	25	<5	.10	<1	7	4	95	2.97	.09	<10	.16	608	3	.05	3	2660	10	10	<20	9	.01	<10	62	<10	3	59
2-	DNMS 104	10	1.2	4.46	115	10	170	<5	.24	<1	36	12	448	2.94	.84	<10	1.98	1156	3	.10	13	1170	10	20	<20	14	.19	<10	195	<10	8	113
3-	DNMS 105	5	1.0	3.85	70	12	185	<5	.31	<1	32	12	188	2.94	.43	<10	1.67	1135	3	.09	10	2040	8	15	<20	15	.16	<10	220	<10	2	152
4-	DNMS 106	<5	1.0	3.16	45	10	250	<5	.29	<1	31	11	169	2.94	.32	<10	1.39	1120	3	.08	8	930	10	15	<20	13	.22	<10	212	<10	2	93
5-	DNMS 107	5	1.0	3.55	70	10	85	<5	.20	<1	34	11	383	2.92	.55	<10	1.55	1125	4	.10	8	5370	8	15	<20	11	.12	<10	178	<10	6	100
6-	DNMS 108	<5	.4	2.87	65	10	140	<5	.47	1	27	7	106	2.94	.77	<10	1.25	1164	2	.08	8	980	12	15	<20	26	.11	<10	151	<10	6	115
7-	DNMS 109	<5	.8	3.89	10	14	220	<5	1.00	1	35	9	245	2.94	1.03	<10	1.96	1136	3	.13	10	2370	8	20	<20	54	.14	<10	183	<10	11	174
8-	DNMS 110	<5	.4	2.87	15	8	55	<5	.06	<1	22	10	87	2.91	.20	<10	1.30	686	2	.11	7	700	8	15	<20	6	.36	<10	279	<10	2	105
9-	DNMS 111	<5	.8	1.76	40	6	50	<5	.06	<1	8	5	86	2.98	.21	<10	.42	303	2	.04	3	1450	6	10	<20	5	.03	<10	76	<10	3	55

SE NOTE: AS ASSAYS TO FOLLOW

S: < = LESS THAN

NICHOLSON & ASSOCIATES
606-675 WEST HASTINGS STREET
VANCOUVER, B.C.

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 20,1991

CERTIFICATE OF ASSAY ETK 91-624

TEUTON RESOURCES CORP.
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

SAMPLE IDENTIFICATION: 38 ROCK samples received AUGUST 12, 1991
---------- PROJECT: TWILIGHT

ET#	Description	AG (g/t)	AG (oz/t)
24 -	81524	41.8	1.22

ECO-TECH LABORATORIES LTD.
Per FRANK J. PEZZOTTI
Certified Assayer

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

UST 20, 1991

UES IN PPM UNLESS OTHERWISE REPORTED

TEUTON RESOURCES CORP. - ETK 91-624
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

PROJECT: TWILIGHT
38 ROCK SAMPLES RECEIVED AUGUST 12, 1991

	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1-	81501	20	3.4	.60	225	6	60	< 5	1.75	7	24	59	631	5.12	.40	<10	.39	1713	3	.09	9	1520	31	<5	<20	42	.01	< 10	25	<10	8	131
2-	81502	75	.6	.35	285	10	60	5	.80	8	12	140	603	3.14	.28	<10	.07	899	10	.04	7	790	22	<5	<20	10	<.01	< 10	14	<10	4	70
3-	81503	15	4.8	.55	270	6	45	< 5	4.57	8	14	109	486	4.10	.23	<10	.91	1916	7	.05	6	790	11	5	<20	69	<.01	< 10	22	<10	6	54
4-	81504	10	2.4	.38	275	8	55	< 5	1.30	8	10	61	269	3.58	.24	<10	.23	831	4	.04	3	910	13	5	<20	26	<.01	< 10	17	<10	4	40
5-	81505	5	3.2	.47	350	6	65	< 5	3.87	9	11	52	285	4.36	.33	<10	.75	1929	2	.05	4	1370	11	5	<20	101	<.01	< 10	20	<10	7	40
6-	81506	10	4.2	.64	65	4	65	< 5	4.61	2	17	37	685	4.51	.44	<10	1.14	1915	2	.06	6	1880	11	<5	<20	127	.01	< 10	25	<10	9	81
7-	81507	70	7.2	.43	185	12	55	< 5	2.33	5	9	178	587	2.72	.31	<10	.43	943	11	.03	6	960	8	15	<20	50	<.01	< 10	16	1020	10	32
8-	81508	20	2.4	.68	130	8	65	< 5	4.11	4	17	31	186	4.47	.46	<10	.86	1503	2	.05	6	1890	12	10	<20	87	.02	< 10	26	580	9	54
9-	81509	115	6.0	.70	100	8	80	5	3.81	3	24	62	795	4.85	.47	<10	.68	1440	4	.06	7	1770	14	<5	<20	86	.03	< 10	27	<10	9	73
0-	81510	90	11.4	.68	90	12	60	< 5	3.64	4	24	65	2559	5.17	.49	<10	.84	1345	4	.06	8	2450	17	<5	<20	124	.02	< 10	30	<10	8	142
1-	81511	75	13.0	.61	145	8	50	5	3.92	4	22	59	2151	5.12	.39	<10	.79	1707	6	.08	4	2140	9	5	<20	115	.01	< 10	26	10	8	114
2-	81512	35	9.4	.53	85	10	50	< 5	5.10	3	19	50	695	4.97	.36	<10	1.13	1886	4	.06	6	1840	8	5	<20	148	.01	< 10	19	170	8	77
3-	81513	30	3.0	.76	140	10	75	< 5	5.48	4	19	43	596	5.03	.53	<10	1.10	1918	3	.06	7	2210	9	<5	<20	212	.02	< 10	27	10	10	75
4-	81514	25	4.6	1.06	60	6	75	5	4.90	2	22	41	1485	5.14	.58	<10	1.16	1489	2	.07	6	2060	6	<5	<20	128	.05	< 10	39	<10	10	94
5-	81515	10	4.8	.96	75	10	85	< 5	3.81	3	24	54	1601	5.17	.60	<10	.83	1417	4	.06	7	2070	7	5	<20	93	.04	< 10	38	20	8	77
6-	81516	100	2.6	.71	30	10	80	< 5	4.30	1	18	57	653	4.84	.47	<10	.86	1954	6	.06	7	1860	12	<5	<20	88	.02	< 10	29	10	9	58
7-	81517	5	1.8	.99	35	8	65	< 5	3.40	1	23	28	746	5.13	.43	<10	1.08	1523	2	.08	7	1990	9	5	<20	76	.03	< 10	36	<10	8	75
8-	81518	5	1.2	.84	175	12	95	< 5	3.07	5	18	40	471	4.61	.53	<10	.63	1630	3	.06	6	2040	7	<5	<20	86	.02	< 10	30	<10	8	66
9-	81519	10	2.4	1.39	10	8	45	< 5	4.12	1	50	25	276	5.10	.70	<10	.85	1917	2	.11	12	1920	64	10	<20	97	.07	< 10	51	<10	9	92
0-	81520	5	.6	2.70	15	10	145	< 5	6.13	1	25	21	211	4.70	.57	<10	1.53	1756	2	.06	10	1870	8	10	<20	123	.08	< 10	78	<10	13	121
1-	81521	5	1.2	1.94	25	12	105	< 5	6.74	1	25	36	439	4.43	.71	<10	1.75	1749	5	.07	10	1530	9	10	<20	152	.10	< 10	81	<10	12	116
2-	81522	15	2.6	1.74	30	12	85	< 5	3.24	1	21	79	618	3.80	.01	<10	1.03	1247	5	<.01	8	1750	11	5	<20	63	.02	< 10	60	<10	1	82
3-	81523	5	2.0	1.67	20	8	115	5	3.73	1	20	40	604	3.70	.66	<10	1.04	1509	3	.06	7	1600	10	5	<20	63	.08	< 10	59	<10	9	84
4-	81524	110	>30.	.06	10	10	5	20	.02	7	11	168	6756	2.88	.02	<10	.03	45	9	.03	2	5040	39	<5	<20	2	<.01	< 10	6	<10	<1	176
5-	81525	10	1.4	2.48	10	12	125	< 5	3.99	1	24	42	614	3.70	1.24	<10	1.75	1140	2	.08	13	1810	7	5	<20	168	.19	< 10	134	<10	9	79
6-	81526	10	1.4	2.97	15	8	110	< 5	4.18	1	26	36	402	3.70	.60	<10	2.05	1180	<1	.09	13	1740	6	5	<20	214	.10	< 10	145	<10	9	101

...TON RESOURCES CORP.

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ECO-TECH LABORATORIES LTD.

AUGUST 20, 1991

#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27-	81527	5	.8	2.79	10	6	95	< 5	6.16	<1	28	40	354	3.70	.52	<10	1.87	1367	2	.09	17	1800	4	5	<20	341	.10	< 10	171	<10	11	88
28-	81528	40	1.6	2.73	10	10	95	< 5	5.04	1	27	43	919	3.70	.44	<10	1.88	1245	2	.08	14	1920	6	5	<20	228	.09	< 10	156	<10	11	106
29-	81529	5	.4	2.61	10	10	70	< 5	5.61	1	28	30	229	3.93	.34	<10	1.87	1326	2	.08	13	2000	6	5	<20	306	.07	< 10	146	<10	12	73
30-	81530	15	1.2	2.90	15	10	120	< 5	4.05	1	29	46	521	3.72	.69	<10	2.17	1253	3	.08	14	1800	9	10	<20	183	.12	< 10	127	<10	9	105
31-	81531	5	.6	3.71	10	8	115	< 5	4.66	1	34	32	240	3.67	.79	<10	2.84	1420	1	.10	18	2280	5	10	<20	174	.14	< 10	177	<10	12	112
32-	81532	5	.6	3.30	10	6	105	< 5	4.09	1	32	59	338	3.68	.51	<10	2.72	1097	4	.10	14	2040	6	10	<20	198	.10	< 10	201	40	11	104
33-	81533	35	6.8	2.66	15	10	90	< 5	4.77	2	26	34	1326	3.92	.58	<10	2.01	1177	1	.09	14	2030	6	5	<20	271	.10	< 10	153	<10	11	136
34-	81534	5	1.0	1.89	20	10	75	< 5	5.50	1	25	47	557	3.70	.96	<10	1.12	1498	3	.07	7	2040	5	5	<20	167	.13	< 10	71	20	11	63
35-	81535	5	1.0	2.94	15	16	275	< 5	3.67	1	32	31	369	3.69	1.60	<10	2.44	1286	3	.09	11	2090	5	5	<20	181	.28	< 10	221	<10	10	112
36-	81536	5	.6	2.29	10	14	150	< 5	6.27	1	27	32	485	3.70	1.04	<10	2.13	1496	1	.07	12	1990	5	10	<20	190	.17	< 10	114	<10	11	81
37-	81537	5	.4	2.21	15	16	250	< 5	6.59	1	26	74	230	3.70	1.05	<10	2.14	1493	5	.06	10	2300	4	5	<20	210	.16	< 10	128	<10	12	83
38-	81538	10	.8	2.21	25	8	95	< 5	5.12	1	26	64	421	3.94	.76	<10	1.73	1494	3	.07	13	2290	7	5	<20	195	.14	< 10	124	<10	11	99

...: < = LESS THAN

... NICHOLSON & ASSOCIATES
606-675 WEST HASTINGS STREET
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ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

OCTOBER 18, 1991

CERTIFICATE OF ASSAY ETK 91-816

TEUTON RESOURCES CORP.
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

SAMPLE IDENTIFICATION: 57 ROCK samples received OCTOBER 8 , 1991
----------PROJECT: DEL NORTE

ET#	Description	AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)	CU (%)	ZN (%)	PB (%)	AS (%)
1-	ERK 250	3.09	.090	-	-	-	-	-	-
2-	ERK 251	7.68*	.224	32.4	.95	1.22	-	-	-
3-	ERK 252	4.36	.127	-	-	-	-	-	-
4-	ERK 253	4.18	.122	-	-	-	-	-	-
5-	ERK 254	1.01	.029	-	-	-	-	-	-
6-	ERK 255	4.77	.139	-	-	-	-	-	-
13-	ERK 262	-	-	-	-	-	2.20	-	-
23-	ERK 272	-	-	-	-	-	5.44	1.22	-
30-	ERK 280	7.68*	.224	-	-	-	-	-	6.71
32-	ERK 282	8.68*	.253	-	-	-	-	-	4.73
33-	ERK 283	6.52*	.190	-	-	-	-	-	2.05
34-	ERK 284	3.59	.105	-	-	-	-	-	-
35-	ERK 285	10.78*	.314	-	-	-	-	-	2.42
36-	ERK 286	9.04*	.264	219.4	6.40	-	1.38	-	-
51-	VZ 01	-	-	-	-	-	3.08	2.76	-
53-	VZ 02	-	-	-	-	-	-	1.06	-
55-	VZ 03	-	-	31.4	.92	-	5.46	5.86	-

NOTE: * = SAMPLE SCREENED AND METALLIC ASSAYED

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI. A.Sc.T.
B.C. Certified Assayer

METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
816-2	7.53	10.4275	7.684123
816-4	4.67	3.240614	4.18391
816-6	5	4.251869	4.779802
816-30	7.43	13.31516	7.687914
816-32	9.51	6.076854	8.684569
816-33	7.13	5.26692	6.528433
816-35	10.95	8.289474	10.78083
816-36	7.42	22.57317	9.041694

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

TEUTON RESOURCES CORP. - ETK 91-816
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

OBER 18,1991

UES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: DEL NORTE
57 ROCKS SAMPLES RECEIVED OCTOBER 8, 1991

	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1-	ERK 250	>1000	16.0	.82	55	4	25	5	.10	2	11	40	4768	7.48	.09	<10	.69	1597	6	<.01	1	470	162	5	<20	12	<.01	<10	3	50	<1	662
2-	ERK 251	>1000	>30.	.61	50	4	25	40	.10	1	11	58	>10000	8.08	.11	<10	.50	2532	9	<.01	<1	320	204	5	<20	9	<.01	<10	3	70	<1	470
3-	ERK 252	>1000	8.0	.87	40	4	45	10	.20	4	13	22	5721	5.86	.13	<10	.69	6517	4	<.01	<1	920	90	10	<20	26	<.01	<10	8	10	<1	825
4-	ERK 253	>1000	6.8	1.03	35	4	35	5	.23	4	15	40	4752	6.06	.18	<10	.81	6100	4	<.01	4	900	108	5	<20	23	<.01	<10	12	20	<1	885
5-	ERK 254	>1000	2.6	.62	20	4	45	<5	.30	3	11	24	1423	4.55	.20	<10	.40	4952	2	<.01	<1	1020	46	5	<20	24	<.01	<10	8	<10	<1	601
6-	ERK 255	>1000	9.0	.56	25	4	25	15	.28	6	13	47	5377	4.40	.25	<10	.24	3598	6	<.01	<1	1010	128	<5	<20	22	<.01	<10	3	10	<1	706
7-	ERK 256	35	.4	.38	10	4	85	<5	.69	17	10	18	155	2.20	.17	<10	.10	2967	2	<.01	<1	1130	32	<5	<20	27	<.01	<10	3	30	6	1020
8-	ERK 257	625	1.6	.35	10	4	80	<5	2.39	13	11	16	1173	2.44	.19	<10	.63	2666	1	<.01	1	1230	32	5	<20	24	<.01	<10	11	50	1	1247
9-	ERK 258	15	.4	.28	10	4	230	<5	3.11	14	8	15	337	2.36	.16	<10	.79	3382	1	<.01	<1	1030	40	5	<20	27	<.01	<10	11	40	1	1412
0-	ERK 259	85	5.4	.20	25	4	20	5	.20	47	7	94	2827	3.05	.14	<10	.10	4615	8	<.01	1	370	426	<5	<20	16	<.01	<10	1	60	<1	6906
1-	ERK 260	50	.8	.36	20	4	335	<5	1.01	7	6	36	59	3.54	.24	10	.34	4966	3	<.01	1	1010	450	5	<20	45	<.01	<10	8	40	2	1110
2-	ERK 261	160	1.2	.30	30	4	385	<5	.16	8	8	40	35	5.18	.19	10	.10	6412	3	<.01	<1	830	1294	<5	<20	20	<.01	<10	7	50	<1	1591
3-	ERK 262	200	1.6	.20	25	<2	40	<5	.43	113	9	12	92	4.95	.13	<10	.26	5639	2	<.01	<1	790	2756	<5	<20	9	<.01	<10	6	70	<1	>10000
4-	ERK 263	980	1.4	.27	35	2	50	<5	.27	32	10	39	31	6.67	.19	<10	.56	6539	3	<.01	<1	670	1036	5	<20	10	<.01	<10	2	30	<1	5171
5-	ERK 264	110	1.2	.33	20	2	150	<5	.30	13	9	25	58	4.40	.23	10	.18	5637	2	<.01	<1	850	838	<5	<20	21	<.01	<10	5	50	<1	2440
6-	ERK 265	100	.8	.45	20	4	385	<5	.11	6	10	43	61	3.09	.25	10	.08	3538	6	<.01	1	880	284	<5	<20	15	<.01	<10	9	50	1	1394
7-	ERK 266	135	1.0	.39	25	4	200	<5	.06	8	9	32	35	4.61	.23	10	.08	5315	4	<.01	<1	890	442	5	<20	12	<.01	<10	8	60	1	2835
8-	ERK 267	175	2.6	.32	30	2	260	<5	.07	10	11	26	79	5.71	.14	10	.11	6654	4	<.01	<1	800	1274	<5	<20	8	<.01	<10	8	50	<1	4351
9-	ERK 268	40	1.0	.33	25	4	440	<5	.05	11	10	15	22	4.96	.15	10	.11	6356	2	<.01	<1	870	298	<5	<20	13	<.01	<10	7	40	<1	1801
0-	ERK 269	35	.8	.34	20	4	190	<5	.07	5	10	27	26	4.61	.21	10	.09	5185	3	<.01	<1	820	122	5	<20	9	<.01	<10	6	20	<1	913
1-	ERK 270	20	.6	.36	20	4	315	<5	.50	2	7	16	79	3.78	.24	10	.18	4984	2	<.01	<1	1050	40	5	<20	10	<.01	<10	7	<10	2	479
2-	ERK 271	10	.8	.34	25	4	420	<5	.22	6	9	21	46	4.76	.20	10	.13	5851	2	<.01	<1	910	158	5	<20	8	<.01	<10	5	10	<1	887
3-	ERK 272	605	5.8	.13	30	<2	20	<5	.10	301	6	31	186	5.16	.08	<10	.43	5952	5	<.01	<1	280	>10000	<5	<20	9	<.01	<10	1	70	<1	>10000
4-	ERK 273	50	1.0	.42	25	4	340	<5	.51	8	8	21	25	2.66	.23	10	.09	4698	2	<.01	<1	1160	132	<5	<20	20	<.01	<10	5	40	5	1189
5-	ERK 274	10	.6	.38	10	4	915	<5	.26	4	7	16	21	2.24	.16	10	.06	4103	1	<.01	<1	1050	52	<5	<20	35	<.01	<10	7	10	6	603
6-	ERK 275	25	.6	.46	15	4	315	<5	.19	5	9	24	40	2.69	.20	10	.07	4085	3	<.01	<1	1000	72	<5	<20	21	<.01	<10	6	20	3	789

E 2 TEUTON RESOURCES ETK 91-816 OCTOBER 18, 1991 ECO-TECH LABORATORIES LTD.

#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27-	ERK 276	120	1.8	.27	25	<2	20	<5	1.38	24	10	13	18	3.86	.18	<10	.47	4476	5	<.01	<1	950	2868	5	<20	51	<.01	<10	1	130	1	3255
28-	ERK 277	675	1.0	.74	2055	4	90	<5	4.25	<1	16	7	270	3.78	<.01	<10	1.33	1247	<1	<.01	3	1210	14	10	<20	135	<.01	<10	23	<10	<1	184
29-	ERK 279	320	.8	.56	1195	4	90	<5	5.12	<1	15	18	228	3.59	<.01	<10	1.31	1185	1	<.01	2	1030	14	10	<20	179	<.01	<10	17	<10	<1	79
30-	ERK 280	>1000	14.4	.26	>10000	6	20	30	.10	<1	55	62	2561	10.27	<.01	<10	.25	100	4	<.01	6	180	82	45	<20	6	<.01	10	<1	20	<1	464
31-	ERK 281	750	.8	1.29	1495	6	60	<5	4.69	<1	18	5	255	4.34	<.01	<10	1.12	1070	<1	<.01	5	1260	16	10	<20	126	<.01	<10	24	<10	<1	55
32-	ERK 282	>1000	22.8	.11	>10000	6	20	40	.10	<1	8	102	886	5.07	<.01	<10	.09	64	8	<.01	2	90	64	65	<20	5	<.01	<10	<1	10	<1	177
33-	ERK 283	>1000	10.0	.24	>10000	6	35	15	2.38	<1	9	28	764	4.89	<.01	<10	.66	1233	2	<.01	<1	700	22	35	<20	55	<.01	<10	6	20	<1	375
34-	ERK 284	>1000	4.4	.30	6760	6	30	<5	3.26	<1	9	31	726	4.80	<.01	<10	.75	1409	3	<.01	2	1220	16	20	<20	77	<.01	<10	7	90	<1	1870
35-	ERK 285	>1000	9.0	.25	>10000	8	25	25	.23	<1	19	59	1641	14.81	<.01	<10	.33	380	5	<.01	2	190	52	35	<20	8	<.01	10	<1	80	<1	1664
36-	ERK 286	>1000	>30	.14	170	<2	15	320	.97	69	11	49	5253	6.84	.06	<10	.34	4062	9	<.01	<1	460	5088	5	<20	7	<.01	<10	<1	70	<1	>10000
37-	ERK 287	255	1.0	.94	65	4	75	<5	.34	1	15	35	161	3.29	.18	<10	.68	1106	1	.02	8	1140	46	5	<20	7	<.01	<10	27	<10	<1	298
38-	ERK 288	65	.8	.89	30	4	85	<5	.37	1	12	33	195	3.35	.18	<10	.60	1411	1	<.01	8	1210	26	5	<20	9	<.01	<10	25	10	<1	243
39-	ERK 289	90	.4	.88	45	6	40	<5	.29	<1	18	35	362	4.95	.17	<10	.57	1207	<1	.02	7	1280	10	5	<20	20	<.01	<10	25	<10	<1	193
40-	ERK 290	55	.4	.83	25	6	35	<5	.49	<1	19	26	404	3.69	.14	<10	.60	1592	1	.01	7	1260	8	5	<20	20	<.01	<10	18	<10	<1	206
41-	ERK 291	135	7.4	.44	30	6	15	<5	.73	1	21	37	4214	4.97	.16	<10	.45	910	7	<.01	4	1050	16	5	<20	13	<.01	<10	11	<10	<1	108
42-	ERK 292	85	1.0	.97	40	4	20	<5	.58	<1	27	37	351	6.25	.14	<10	.74	1672	6	<.01	7	980	16	5	<20	16	<.01	<10	17	<10	<1	275
43-	ERK 293	50	.4	1.20	40	4	25	<5	.80	<1	20	31	271	4.39	.18	<10	1.06	1983	2	<.01	11	1480	8	10	<20	11	<.01	<10	26	<10	<1	273
44-	ERK 294	20	.2	.95	30	4	75	<5	.55	1	14	31	194	3.67	.21	<10	.62	1356	1	.02	9	1420	8	5	<20	12	<.01	<10	31	<10	<1	303
45-	ERK 295	70	.6	.23	60	6	10	<5	.14	<1	29	23	155	6.92	.15	<10	.13	393	4	<.01	6	1190	42	5	<20	9	<.01	<10	3	10	<1	334
46-	ERK 296	115	.6	.31	30	6	20	<5	.80	8	27	18	357	4.67	.20	<10	.22	1963	7	<.01	9	1440	20	10	<20	22	<.01	<10	4	20	<1	1085
47-	ERK 297	60	.4	.30	25	6	10	<5	1.35	5	24	13	283	4.33	.19	<10	.40	1311	4	<.01	8	1470	8	5	<20	21	<.01	<10	5	30	<1	867
48-	ERK 298	20	<.2	.34	25	8	10	<5	1.62	3	23	18	99	4.78	.18	<10	.49	1011	2	<.01	10	1530	10	5	<20	18	<.01	<10	5	<10	<1	607
49-	ERK 299	40	1.0	.18	35	8	5	<5	.08	<1	35	69	50	6.46	.19	<10	.10	65	7	.01	1	590	28	5	<20	24	<.01	<10	<1	<10	<1	39
50-	ERK 300	115	1.0	.24	50	6	25	<5	.23	<1	19	15	170	7.40	.45	<10	.12	81	2	.01	2	2420	22	10	<20	28	<.01	<10	5	<10	<1	45
51-	VE 01	45	14.2	.11	10	<2	55	<5	3.42	231	4	124	28	1.11	.06	<10	.19	2372	14	<.01	<1	280	>10000	10	<20	45	<.01	30	1	70	3	>10000
52-	VE 02	20	.2	.37	25	12	50	<5	4.18	1	13	26	36	3.98	.13	<10	.86	1920	3	<.01	1	1180	164	10	<20	37	<.01	<10	23	<10	3	233
53-	VE 04	25	5.6	.20	35	<2	35	<5	8.65	41	5	48	34	3.12	.06	<10	1.32	8082	3	<.01	<1	440	>10000	20	<20	117	<.01	<10	3	40	2	5553
54-	VE 05	15	2.0	.45	30	4	90	<5	4.37	6	8	36	122	2.76	.14	<10	.37	4607	2	<.01	1	1170	2038	5	<20	21	<.01	<10	5	30	4	950
55-	VE 06	80	>30	.18	40	<2	60	<5	9.50	758	11	35	216	3.40	.09	<10	.52	>10000	15	<.01	<1	850	>10000	10	<20	255	<.01	40	3	50	10	>10000
56-	VE 08	45	9.2	.26	30	8	25	<5	3.08	8	18	51	3583	3.61	.09	<10	.11	1321	8	<.01	2	690	718	15	<20	56	<.01	<10	1	60	<1	808
57-	VE 09	5	5.4	.27	10	2	140	<5	3.52	1	9	52	414	1.89	.15	<10	.26	1086	5	<.01	<1	1100	4152	5	<20	238	<.01	<10	4	<10	3	168

E: < = LESS THAN

: 682-3680
ATTN: DIDO CREMONESE

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

APPENDIX IV

SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTION RECORD

DEL NORTE PROPERTY

81501-18	1.0 m continuous chips.
81519-23	1.0 m continuous chips.
81751	Mottled crystal tuff, tan weathered, 2 - 3% disseminated pyrite; 1% disseminated galena, hematite; minor chlorite altered.
81752	Quartz/calcite vein in crystal tuff, 1 - 2% disseminated galena; 1 - 2% disseminated sphalerite, trace chalcopyrite; 3 - 4% disseminated pyrite.
81753	1 m chip; shear zone in tuff, oxidized with arsenic staining.
81754	1 m chip - same as 81753.
81755	1 m chip; same shear, more intense fracture; trace arsenopyrite.
81756	Float; milky quartz vein, 30 cm wide; vuggy with carbonate altered; trace galena.
81757	1 m chip; shear zone, 3 m wide, vuggy, oxidized, quartz veined.
81758	Same 1 m chip.
81759	Same 1 m chip.
81760	Networked quartz/carbonate veins in tuff; trace pyrite, sphalerite in veins, host tuff has 2% disseminated pyrite.
81761	Shear zone in tuff; limonitic altered with 2% disseminaed pyrite, trace arsenopyrite.
81762	Shear zone with pods, ~ 1 m x 40 cm of massive pyrite - trace arsenopyrite, chalcopyrite.
81763	Same shear, siliceous with 2% disseminated pyrite, chalcopyrite, limonitic altered - 1 m chip.
81764	Same shear, 10 m upsection - 1 m chip.
81765	Same 1 m chip.

81766 Same 1 m chip.

81767 Shear zone, with two small (9 cm x 15 cm) veins, highly oxidized with 5 - 10% chalcopyrite, malachite; 1 m chip.

81768 Same 1 m chip.

81769 Same, grab sample.

81770 9 m upsection, splays into a zone of drusy, crystallized quartz/carbonate veining; 2 - 4% pyrite, chalcopyrite on vein edges, limonitic staining - 1 m chip.

81771 Same, grab sample.

81772 Highly oxidized, limonitic stained tuff with pods (10cm x 15cm) of 4 - 5% pyrite, trace chalcopyrite, arseno-pyrite.

81773 Sheared, kaolinized porphyry with small (40cm x 10cm) raft of tuff, limonitic altered.

81774 Small (20cm x 2m?) quartz/carbonate vein, slightly vuggy, heavy limonitic altered; trace galena, sphalerite.

81775 Shear/fault in tuff, limonitic altered with 2% disseminated pyrite.

81776 Flat - quartz/carbonate vein, thickness unknown, bladed carbonate crystals; 2 - 5% massive galena on vein edges.

81777 Quartz/carbonate vein in dark green ash tuff, slightly vuggy (1%) - good crystal growth.

81778 Float - massive milky quartz vein, may be insitu; limonitic, vuggy and fractured.

81779 Shear zone in crystal tuff, mottled green-black; representative sample.

81780 Networked quartz/carbonate veins in mottled tuff, next to contact, limonitic and vuggy - 2.5 cm wide.

81781 1 m chip; contact between argillite/tuff; networked quartz veins; first 50 cm arsenic stain in argillite/siltstone.

81782 1 m chip, same.

81783 1 m chip, same.

81784 Grab, volc. side of contact.

82522 Float boulder; 30 cm x 15 cm angular intensely quartz-sericite altered, weakly kaolinitized; rusty orange-yellow on weathered surface; 5 - 10% disseminated fine to medium grained pyrite.

82523 Float boulder; 10 cm x 5 cm angular milky white quartz vein; discrete banding (0.2 - 1.0 cm wide) of fine to medium grained pyrite +(-) trace galena +(-) trace arsenopyrite.

82524 Random grab; malachite stain along phyllic planes in phyllicly altered crystal tuff; 1 - 3% disseminated fine grained pyrite.

82525 Select grab; 5 cm wide erratic quartz-carbone; sulphide fracture; fracture at 030/50 SW; contains medium to coarse grained pyrite, chalcopyrite (10 - 20%), malachite stain.

82526 30 cm chp; quartz-carbonate-sulphide fracture at 335/85 NE; fine to medium grained pyrite (5 - 10%); trace - 2% chalcopyrite; trace - 3% arsenopyrite.

82527 Select grab ; quartz- sulphide pod, milky white quartz with disseminated medium grained pyrite and chalcopyrite (5 - 10%) +(-) fine grained arsenopyrite, minor malachite stain.

82528 1.10 m chip; fracture zone at 040 with several 1 - 2 cm wide quartz-sulphide stringers; disseminaed pyrite and chalcopyrite within quartz stringers.

82529 40 cm chip; quartz-sulphide fracture running at 020/40 NW; quartz and medium to coarse grained pyrite and chalcopyrite (5 - 15%) +(-) fine grained arsenopyrite oxidized yellow-red on weathered surface.

82530 Select grab; narrow mineralized fractures (erratic) within weakly propylitized crystal tuff; < 1 cm wide quartz stringers with disseminations and blebs of fine to medium grained pyrite (2 - 3%) and chalcopyrite (trace - 2%).

82531 Select grab; erratic quartz-sulphide fracture ~ 5 - 10 cm wide; disseminated to semi-massive fine to coarse grained pyrite, blebs and inclusions of fine grained chalcopyrite +(-) arsenopyrite.

82532 Select grab; erratic quartz-sulphide fracture ~ 5 cm wide; approx. 5 m NW of 82531 (on strike) as per 82531.

82533 Select grab; quartz-sulphide fracture in weakly

propylitized tuff; fracture at ~ 025/60 SW ~ 5 cm wide; vuggy, jarostically stained quartz; blebs of medium grained chalcopyrite; disseminatons and blebs of fine to medium grained pyrite; some malachite stain on weathered surface.

82534 Select grab of mineralized shear zone of 82535.

82535 75 cm chip; quartz-chalcopyrite-pyrite shear running at 332/vertical; quartz-jarosite with abundant fine grained disseminated pyrite and fine to medium grained blebs of chalcopyrite.

82536 Select grab; 5 cm wide quartz vein at 310/48 SW. Quartz vein containing bands and fragments of feldspathized country rock (tuff); medium to coarse grained blebs of arsenopyrite (5 - 10%); disseminated fine to medium grained pyrite (1 - 5%); blebs of fine to medium grained chalcopyrite as intergrowths within asp (trace - 2%).

82537-45 1.0 m continuous chips.

82546-62 1.0 m continuous chips.

ERK-250 Quartz stringers with massive pyrite and sphalerite; blebby chalcopyrite and some galena; grab from trench.

ERK-251 As above, high grade; strong malachite stain, much more quartz.

ERK 252 1 m trench chips; broken, weathered, green altered, with stringers and dissemination of chalcopyrite; abundant specularite.

ERK-253 1 m - same as ERK-252.

ERK-254 1 m - same as ERK-252.

ERK-255 1 m; minor quartz stringers with coarse chalcopyrite stringer; minor specularite.

ERK-256 1m: altered rock with minor chalcopyrite; fault gouge on west end.

ERK-257 1m; one small chalcopyrite stringer at West end; rest of rock is green carbonate altered rock with pyrite and malachite stain.

ERK-258 1m; same as ERK 257

ERK-277 (Trench--SE of Crackle Zone); 2 m chip; pyrite, chalcopyrite, pyrrhotite, arsenopyrite, quartz and

sulphides.

ERK-279 3 m chip; 3 - 4 quartz sulphide stringers in crystal tuff.

ERK-280 Grab of 6" quartz stringer with coarse arsenopyrite and pyrrhotite and chalcopyrite on north end of trench.

ERK-281 Trench; stringers of quartz with arsenopyrite, chalcopyrite, pyrrhotite, pyrite in 1 m zone.

ERK-282 Grab of quartz stringer approx. 8 cm with coarse arsenopyrite and chalcopyrite and zinc sulphide; sulphides approx. 20%.

ERK-283 Grab of quartz with coarse arsenopyrite stringer, approx. 18 cm in zone; up to 1 m wide.

ERK-284 Trench; 3 m chip; quartz stringers up to 15 cm with coarse pyrrhotite, arsenopyrite with minor chalcopyrite, zinc sulphide and pyrite.

ERK-285 Grab of 15 cm wide quartz vein with approx. 30% pyrrhotite, arsenopyrite, zinc sulphide, chalcopyrite and pyrite.

ERK-286 1 m chip at DNSR 039; 3 m south of 117. Quartz stringers with massive chalcopyrite and specularite stringer; chalcopyrite approx. 5%; manganese stained.

ERK-287-294 Each 1 m; sheared, manganese stained feld porphyry; abundant pyrrhotite, pyrite; minor chalcopyrite and malachite.

81785 Grab, sed. side of contact.

81786 W side of contact, networked quartz veins (15-20% with sheared tuff, pods (3-5% of galena/sphalerite, conc. in vein selvages - 1 m chip).

81787 Same, grab.

81788 8 m down vein from 81786 just before contact - 1 m chip.

81789 Sed. side of contact; black, limonitic and fractured; 1 - 5% quartz/carbonate stringers, 1 - 2 m wide.

81790 Large shear zone at contact; 20 - 30% quartz stringers/ veinlets; trace chalcopyrite, 1% sphalerite, hydrozincite? on fractured surfaces, in siltstone/argillite; 1 m chip.

81791 8 m upslope, large (>50 cm) quartz vein at contact, limonitic altered in vugs (5%).

81792 Grab, same.

81793 Grab, same.

81794 Light green, mottled tuff/porphyry at contact, carbonate altered; 1 m chip.

81795 Small shear (30 - 60cm), limonitic with trace galena, sphalerite; 1 m chip.

81796 Orange weathering tuff, bleached and feldspathized pods (2 - 5 cm) of oxidized pyrite? up to 2%; 1 m chip.

81803 Small shear/veinlet in mottled green tuff with 5 - 7% pyrite; trace - 2% arsenopyrite. Good crystal stal. development in vugs.

81804 Quartz breccia - 65 cm x 65 m; clasts 1 - 5 cm, volcanized with fractured surfaces slightly oxidized; trace arsenopyrite (?); grab sample.

81805 Arsenic/limonite stained zone in siliceous crystal tuff, vuggy (5 - 10%) with 5% pyrite; grab sample.

81806 Brown carbonate altered with pods; disseminated pyrite (5%); chalcopyrite(?) 1%; vuggy; grab sample.

81807 Pyritized quartz vein/breccia in tuff, 5 - 10% pyrite in 2 cm pods/disseminated; trace chalcopyrite; grab sample.

81808 Oxidized quartz/carbonate vein; <10% pyrite in 1 cm

veinlets; slightly vuggy.

81809 Float - quartz breccia vein, malachite stained, 5 - 10% chalcopyrite disseminated and in pods; slightly vuggy (5%).

81810 Representative sample of mottled green black tuff, quartz/carbonate altered with 5% pyrite disseminated and blebs.

81811 Representative sample, calcite veined black crystal tuff, slight shear and faulted (?).

81812 Mottled green siliceous tuff, 5 - 10% calcite infilling, trace chalcopyrite along microfracts and disseminated.

81813 Quartz vein, 5 - 15 cm with 5% chalcopyrite, pyrite, trace arsenopyrite, vuggy; oxidized; grab sample.

81814-17 1 m continuous chips (see trench plans).

81818-20 1 m continuous chips (see trench plans).

81821-37 1 m continuous chips (see trench plans).

81838 Float - slightly siliceous green tuff - limonitic altered, 2 - 5% massive disseminated galena; 7 - 10% honey-brown sphalerite; trace chalcopyrite.

81839 Outcrop of 81838, vein-like trend, maroon-green intermediate volcanized intense siliceous - 5 - 7% sphalerite and hydrozincite; 2 - 3% galena; trace chalcopyrite; slightly vuggy and irregular on weathered; no obvious contact features; 1 m chip.

81840 Same, 1 m chip.

81841 Same outcrop as 81839; 1 m chip.

81842 Chalcopyrite/malachite stained zone on edge of 10 - 15 m milky quartz vein; 5 - 7% chalcopyrite, maximum 80cm x 50 cm; grab sample.

81843-48 Trench #3; 1 m continuous chip.

82715 Representative sample of limonitic zone in lapilli tuff; 5% pyrite; 1 - 2 cm cross-cutting quartz/carbonate veins; fractured and recessive, brown soil.

82716 Brecciated quartz vein, 30 - 50 cm wide. slightly vuggy and limonitic; trace pyrite, sphalerite (?); 1 m chip.

82717 Quartz/carbonate vein, recessive, limonitic altered; trace pyrite, sp.hem.; approx. 10 - 20 cm thick; representative sample.

82601-18 1.0 m chips across shear zone on (footwall?) felsite dyke; sheared, gougey felsite, with pyrite boxwork, limonitic sections, approx. 4% pyrite on fresher sections.

82619 1.0 m contact with fresh unaltered dyke.

82620 HW contact of same dyke, sheared crystal tuff with trace lead oxide and approx. 4% pyrite. Grab.

82621 1.5 m chip, sheared tuff; Ads. stain pyrite approx. 5%

82622 1.5 m chip, contiguous with 82621; sheared tuff.

82623-27 1.0 m chip.

82628 Grab sample, quartz stringer with traces malachite.

82629 1.0 m chip, siliceous altered tuff.

81630 1.5 m chip; quartz veinlets, oxidized pyrite boxwork.

82631 Select grab; siliceous altered tuff with lead sulphide 2%; chalcopyrite blebs approx. 5%; pyrite.

82632 Grab; quartz veinlets in tuff, trace lead sulphide, approx. 10% pyrite.

82633 Grab, local float, quartz carbonate altered tuff; lead sulphide 2%; trace pyrite.

82634 Grab, disseminated pyrite in moderately carbonate altered tuff.

82635 Same as 82634.

82636 Grab; quartz veinlets, stringers in shear zone.

82637 1.0 m chip; possible strike extension of Bullion Zone; quartz carbonate veining in carbonate altered tuff; trace PbS, pyrite and arsenic approx. 2%.

82638 Grab; sheared brecciated argillite; quartz carbonate fractures.

82639 1.0 m chip; shear zone; quartz carbonate fractures, gougey (10 cm of #306, 1990).

82640 Contiguous with 8222639.

82641 1.0 m chip; shear zone at contact Salmon Betty; quartz carbonate brecciation.

82642 1.0 m chip consisting of 2 shears, some quartz carbonate veining (in argillite).

82643 Contiguous with 82642; 1.0 m chip; stronger quartz.

82644 Contiguous with 82643; 1.5 m chip.

82645 Sheared gougey argillite with some strong pyrite boxwork; 1.0 m chip.

82646 Strike extension of NMG vein down slope; 1.0 m chip; gougey, bleached; approx. 5% lead sulphide.

82647 Grab; siliceous altered tuff; trace chalcopyrite; lead oxide <1%; pyrite 3%/.

82648-50 3 at 1.0 m chips across quartz carbonate veined and altered tuff; as stain lead oxide approx. 1%, trace chalcopyrite.

82651 1.0 m chip, siliceous shear zone.

82652-54 3 - 1.0 m chips, extension of structure in 82651, sheared quartz carbonate altered tuff, strong iron oxide.

82660-87 All 1.0 m chips.

82689 1.0 m chip; gougey shear zone with quartz fragments.

82690 1.0 m chip; shear zone, quartz veining; brecciated argillite.

82691-98 1.0 m chip.

82699 1.5 m chip.

82401 3.0 m shear across shear zone propylatized crystalline tuff.

82402 1.5 m continuous chip propylatized crystalline tuff weakly oxidized, trace pyrite, disseminated.

82403 as per 82402

82404 2.5 m continuous chip, quartz carbonate altered crystalline tuff, weakly sericitized, trace - 1% disseminated pyrite throughout.

82405 Float boulder; altered silicified crystalline tuff jarositically altered, fine wispy pyrite throughout.

82406 Float boulder; brownish-red weathered, jarostically altered crystalline tuff with trace - 2% disseminated pyrite +(-) arsenopyrite throughout.

82407 1 m chip; quartz breccia which cuts through phyllitic argillites, weakly chloritized, trace pyrite disseminated throughout.

82408 1.5 m chip; silicified crystall tuff, jarositically altered, carbonate infilling along fractures, trace pyrite +(-) chalcopyrite as disseminations.

82409 1.5 m chip; rusty reddish-brown weathered, jarostically altered silicified crystall tuff, with fine to medium grained pyrite +(-) chalcopyrite disseminated throughout and along fractures as infillings.

82410 1.5 m chip; as per 82409.

82411 Float grab; rusty orange-brown weathered, silicified (weakly sericitized) crystal tuff, wispy pyrite and disseminated pyrite throughout.

82412 Random grab; rusty orange-brown weathered, silicified (sericitized) crystal tuff with trace amounts of disseminated pyrite.

82413 1 m continuous chip; across shear zone contact; blackish graphitic argillite, very soft and vuggy, trace - 1% disseminated pyrite throughout.

82414 Talus float; bleached silicified sericitized crystal tuff which contains fine grained disseminated pyrite +(-) magnetite, chalcopyrite.

82415 10 cm wide quartz band/stringer which contains trace chalcopyrite as disseminations with malachite staining along fractures.

82416 1.5 m continuous chip; shear zone, moderately silicified with abundant quartz stringers, trace pyrite throughout.

82417 as per 82416.

82418 1.5 m continuous chip; quartz breccia contact between crystal tuff and laminated siltstone, sheared and moderately fractured and broken up, trace pyrite +(-) galena, sphalerite (footwall).

82419 High grade grab of NMG Vein; trace - 10% coarse grained galena, trace - 15% coarse grained sphalerite, trace - 5% pyrite +(-) chalcopyrite.

82420 1.0 m chip, hanging wall, quartz breccia shear contact between crystal tuff, laminated siltstone argillite, moderately fractured and broken up; trace pyrite +(-) galena sphalerite.

82421 1.0 m continuous chip, jarositically altered crystal tuff, fractured, broken up and sheared, abundant quartz stringer, trace pyrite +(-) chalcopyrite.

82422 1.0 m continuous chip as per 82421.

82423 1.0 m continuous chip as per 82421.

82425 Grab sample; brecciated quartz vein with finely disseminated galena, pyrite disseminated throughout, rusty weathered.

82428 Talus float; brecciated epithermal veined stringer, orange-brown weathered, fine grained pyrite weakly disseminated throughout.

82429 Talus float; brecciated epithermal veined, which contains very fine grained massive pyrite along breccia rims +(-) arsenopyrite.

82501 60 cm chip; quartz - carbonate vein on footwall of Bullion Zone, 325/80 NE, trace disseminated pyrite, limonitic fractures.

82502 20 cm chip; brecciated quartz vein at 360/35E. Vuggy quartz vein with angular fragments of carbonate altered country rock; 5 - 7% pyrite, malachite stain.

82503 1.10 m chip; sheared contact between feldspar porphyry dyke and silicified, carbonate altered crystal tuff. Shearing at 320/vert. sheared, silicified and carbonate alte4red crystal tuff; stringers and pods of quartz, limonitic staining.

82504 30 cm chip; dip slope contact of feldspar porphyry dyke and crystal tuff; contact at 320/40 SW well brecciated quartz vein with angular fragments of carbonate altered country rock; medium to coarse disseminated pyrite, galena +(-) chalcopyrite.

82505 Random grab; silicified tuff; weakly feldspathized, narrow stringers of ankerite, trace disseminated pyrite.

82506 Select grab; rusty sheared crystal tuff, weak to moderate yellow-green arsenic staining; 1 - 3% disseminated fine grained pyrite +(-) arsenopyrite.

82507 Select grab; 10 cm wide, rusty, mineralized fracture (very erratic) within carbonate altered, weakly silicified crystal tuff. 320/83 NE, fine grained pyrite +(-) arsenopyrite.

82508 Random grab; series of erratic shears within feldspar porphyry flow; rusty, narrow fractures (to 10cm) trending 295/72 NE, fine grained pyrite +(-) arsenopyrite.

82509 Random grab; rusty, mineralized silty argillite with prevalent yellow-green (arsenic?) stain, occasional narrow quartz-carbonate stringers; 1 - 5% disseminated fine grained pyrite.

82510 50 cm chip; rusty mineralized silty argillite, some yellow-green (arsenic?) stain, limonitic stain, 1 - 3% disseminated fine grained pyrite boxwork texture where pyrite leached out. Schistocity at 320/38 NE.

82511 Random grab; rusty, mineralized silty argillite on upper contact of feldspar hornblende porphyry dyke (320/85 NE); limonitic and ferro manganese stain; some fine grained disseminated pyrite as stringers and erratic fractures.

82512 Select grab; quartz vein approx. 20 cm wide on upper contact of feldspar hornblende porphyry dyke and rusty sediments (340/80 NE0; vuggy white quartz, weakly sericite altered, some limonitic alteration along margins; rare disseminated fine grained pyrite.

82513 60 cm chip; sheared zone in crystal tuff; shearing at 180/60 W; silicified and feldspathized; 2-5% pyrite +(-) arsenopyrite with arsenic stain; heavily oxidized on surface.

82414 1.0 m chip (of 2.0 m continuous chip); shear zone in oxidized, altered crystal tuff; shearing at 110/vert; phyllic-argillic, weakly kaolinitized tuff; limonitic stain, some quartz infilling; disseminated fine grained pyrite and rare disseminated galena.

82515 1.0 m chip (0f 2.0 m continuous chip) as per 82514.

82516 75 cm chip; shear zone at 145/80 NE; oxidized phyllic-argillic, weakly kaolinitized crystal tuff; vuggy, some quartz-carbonate infilling; 1 - 5% disseminated fine grained pyrite +(-) arsenopyrite; fine disseminations and erratic stringers of galena.

ICEFIELD

ICEFIELD

ICEFIELD

ICEFIELD

ICEFIELD

NELSON GLACIER

Nelson Creek

BOND 4
7044

BOND 7
7047

LOCATION OF
FIGS. 5–14

NELSON GLACIER

LCP

LCP

BOND 1
7007

ICEFIELD

LCP

BOND 5
7045

BOND 3
7020

ICEFIELD

BOND 2
7003

ICEFIELD

BOND 6
7046

ICEFIELD

ICEFIELD

CROESUS 1
6129

CROESUS 4
6132

DEL NORTE GLACIER

DEL NORTE GLACIER

LCP

Del Norte Creek

CROESUS 2
6130

ICEFIELD

CROESUS 3
6131

LOCATION OF
FIGS. 15–17

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WILLOUGHBY GLACIER

500 0 500 1000 1500

METERS

Note: All Figures Are In Skeena Mining Division

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FIGURES 5-17

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4+00W | 3+00W | 2+00W | 1+00W | BL 0+00 | 1+00E | 2+00E | 3+00E | 4+00E

12+00N
11+00N
10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
0+00N

graphitic contact
Talus
Talus
Carb
Prop
erratic quartz stringers
rusty staining
NMG Vein
LG 306
NMG Vein
Silic Carb
Bullion Zone Py,Cpy,Gn
Graphitic
Phyllic Argillite Altered Shear Zone
Contact at 320°/80°NE
Porter Adit
Narrow irregular quartz stringers and mineralized shears
Dempsey Creek
Middle Creek
Bullion Creek

LEGEND

1	ASHMAN FORMATION
1a	Argillite
1b	Intraformational Conglomerates (Black Argillite Matrix)
2	SALMON RIVER FORMATION
2a	Argillite, Laminated Mudstone
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	Bedding
	Foliation
	Creek, with direction
	Outcrop
X	Float
Py	Pyrite
Cpy	Chalcopyrite
Gn	Galena
Silic	Silicified
Prop	Propilitized
Carb	Carbonate Altered

SCALE 1:2000
50 0 50 100 150
METERS

GEOLOGICAL BRANCH
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Snowfield

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BULLION GRID AREA
GEOLOGY

J.C.

RPM Mapping and Computer Services Ltd.

Date: Nov. 1991
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Figure 5

4+00W | 3+00W | 2+00W | 1+00W | BL 0+00 | 1+00E | 2+00E | 3+00E | 4+00E

12+00N

11+00N

10+00N

9+00N

8+00N

7+00N

6+00N

5+00N

4+00N

3+00N

2+00N

1+00N

0+00N

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▲82634 45, 1.2, 45
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▲82506 50, 11.2, 185
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▲81777 5, <0.2, 20
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▲81779 5, <0.2, 25
▲81780 60, 0.2, 235
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82 185, 7.2, 235 [1.0m]
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85 240, 8.6, 265 [Grab - Sed. Side of Contact]
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40 75, 4.8, 165 [1.0m]
16 230, **(0.92)**, 135 [1.5m]
17 30, 9.6, 105 [1.5m]
42 **(0.05)**, **(1.52)**, 145 [1.0m]
43 5, 1.4, 70 [1.0m]
44 55, 2.2, 120 [1.0m]
90 355, 9.8, 175 [1.0m]
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03 5, 1.8, 205 [1.5m]
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▲82502 **(0.27)**, **(31.2)**, 1460 [0.2m]
▲82503 50, 7.0, 220 [1.1m]
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53 25, 13.2, 15 [1.0m]
54 5, 2.8, 10 [1.0m]
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▲82516 30, 1.6, 35 [0.75m]
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15 60, 4.8, 35 [1.0m]
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04 <5, 0.6, 25 [1.0m]
05 <5, 0.8, 45 [1.0m]
06 5, 0.6, 30 [1.0m]
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58 130, 4.4, 20 [1.0m]
59 85, 8.4, 20 [1.0m]
48 95, 4.8, 25 [1.0m]
49 70, 4.2, 40 [1.0m]
50 205, 2.6, 35 [1.0m]
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08 5, 0.8, 25 [1.0m]
09 5, 0.6, 25 [1.0m]
10 5, 1.2, 20 [1.0m]
11 5, 1.2, 35 [1.0m]
12 20, 0.2, 25 [1.0m]
13 5, 0.2, 20 [1.0m]
14 5, 0.2, 25 [1.0m]
15 5, 0.2, 40 [1.0m]
16 5, 0.4, 35 [1.0m]
17 5, 0.6, 25 [1.0m]
18 5, 0.8, 25 [1.0m]
19 45, 0.4, 25 [1.0m]
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21 140, 3.6, 30 [1.0m]
22 115, 3.6, 20 [1.0m]
23 35, 1.2, 10 [1.0m]
24 45, 2.4, 15 [1.0m]
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29 95, 0.8, 15 [1.0m]
67 50, 1.0, 20 [1.0m]
68 130, 0.8, 20 [1.0m]
69 185, 6.2, 35
63 405, 2.2, 45 [1.0m]
64 30, 0.4, 30 [1.0m]
65 5, 0.6, 20 [1.0m]
66 <5, 0.2, 20 [1.0m]
81763-66 ▲
82623-26 ▲
▲81762 445, 8.2, 80
▲82621,22
21 85, 0.6, 45 [1.5m]
22 265, 4.0, 50 [1.5m]
23 **(0.04)**, 0.6, 15 [1.0m]
24 50, 0.2, 15 [1.0m]
25 35, 0.2, 15 [1.0m]
26 50, 0.2, 15 [1.0m]
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▲82511 <5, 0.6, 75
<5, 0.4, 10
82509 ▲
▲82510
<5, 0.4, 15 [0.5m]

Bullion Creek
Dempsey Creek
Middle Creek

LEGEND

ROCK SAMPLE ▲82503 50, 7.0, 220 [1.1m]
Sample No. | Au ppb (opt) | Ag ppm (opt) | As ppm | Sample Interval
(All other samples are grabs)

Continuous Chip Sample Intervals as Marked ▲82421-24
21 140, 3.6, 30 [1.0m]
22 115, 3.6, 20 [1.0m]
23 35, 1.2, 10 [1.0m]
24 45, 2.4, 15 [1.0m]

FLOAT SAMPLE ×82406 10, 1.8, 265

SCALE 1:2000
50 0 50 100 150
METERS

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BULLION GRID AREA
ROCK SAMPLING
Au, Ag & As VALUES

RPM Mapping and Computer Services Ltd.

Date: Nov. 1991
NTS No.: 103P/13, P/14
Figure: 6

4+00W | 3+00W | 2+00W | 1+00W | BL 0+00 | 1+00E | 2+00E | 3+00E | 4+00E

12+00N

11+00N

10+00N

9+00N

8+00N

7+00N

6+00N

5+00N

4+00N

3+00N

2+00N

1+00N

0+00N

▲82635 8, 18, 25
▲82634 42, 72, 51
×82633 19, 4508, 421
82507 ▲ 60, 10, 59
▲82506 17, 436, 465
▲82505 36,. 16, 154
▲81777 42,.54, 233
×81778 10, 12, 33
▲81779 25, 14, 97
▲81780 12, 4, 51
81 24, 120, 507 [1.0m]
82 38, 52, 491 [1.0m]
83 70, 74, 398 [1.0m]
84 31, 64, 412 [Grab - Volc. Side of Contact]
85 24, 344, 832 [Grab - Sed. Side of Contact]
81781-85 ▲
82689-90 ▲
89 34, 142, 432 [1.0m]
90 28, 154, 363 [1.0m]
86 37, 1758, 1289 [1.0m]
87 16, 2212, 3232
▲81786,87
▲81788,89
88 22, 1520, 487 [1.0m]
89 32, 88, 776
▲82508 158, 28, 174
91 42, 98, 333 [1.0m]
92 37, 96, 385 [1.0m]
93 42, 170, 582 [1.0m]
94 107, 424, 821 [1.0m]
95 65, 390, 703 [1.0m]
96 35, 160, 520 [1.0m]
97 35, 146, 398 [1.0m]
98 29, 158, 385 [1.0m]
99 64,1046, 583 [1.5m]
▲82638 29, 30, 398
23, 32, 250 [1.0m]
▲82645 40, 864, 349 [1.0m]
82641
82691-99 ▲
▲82639,40
82418-20 ▲
▲82416,417
▲82642-44
418 39, 756, 472 [1.5m - Footwall]
419 219,(2.08), 9331 [Grab - NMG Vein]
420 25, 326, 608 [1.0m Hanging Wall]
39 31, 1304, 132 [1.0m]
40 34, 50, 61 [1.0m]
16 88, 710, 488 [1.5m]
17 57, 70, 373 [1.5m]
42 51, 512, 496 [1.0m]
43 31, 22, 311 [1.0m]
44 34, 18, 455 [1.0m]
▲81790-93
82637 ▲
10, <0.2, 20 [1.0m]
▲82646
301, 8818, 5898 [1.0m]
90 33, 88, 354 [1.0m]
91 42, 220, 139
92 14, 42, 164
93 32, 200, 169
▲82404 12, 6, 102 [2.5m]
82425 ▲
336, 138, 49
▲82402,03
02 65, 18, 152 [1.5m]
03 63, 16, 132 [1.5m]
82401 ▲
13, 20, 73 [3.0m]
×82405 7, 2, 52
×82406 9, 126, 55
▲82409,10
09 41, 56, 149 [1.5m]
10 83, 322, 338 [1.5m]
▲82408 47, 16, 119
▲82407 28, 46, 77 [1.0m]
▲82504 257, 1878, (1.46) [0.3m]
▲82501 31, 10, 119 [0.6m]
▲82502 1796, (4.40), 8974 [0.2m]
▲82503 60, 222, 102 [1.1m]
52 13, 290, 545 [1.0m]
53 27, 962, 299 [1.0m]
54 22, 162, 310 [1.0m]
82652-54 ▲
▲82651 48, 2458, 1013 [1.0m]
▲82516 101, 1240, 591 [0.75m]
82514,15
14 51, 2198, 1451 [1.0m]
15 48, 2634, 1223 [1.0m]
81774 ▲
▲82632 26, 572, 1387
31, 736, 1945
82631
▲81775 61, 1066, 1151
81772 ▲ 93, (1.96), (1.18)
189, 3338, 1849
×81776 89, 6008, (1.48)
▲82630 90, 3048, 1018 [1.5m]
53 61, 1256, 618 [1.0m]
54 58, 2232, 638 [1.0m]
55 25, 402, 319 [1.0m]
01 17, 252, 169 [1.0m]
02 15, 78, 153 [1.0m]
03 15, 42, 118 [1.0m]
04 10, 38, 156 [1.0m]
05 18, 30, 263 [1.0m]
06 10, 24, 163 [1.0m]
81760 19, 540, 456
81753-55
81752
81757-59
11, 674, 762
×81756 9, 408, 162
82601-06
82607-19 ▲
▲81751 59, 4248, 8862
▲81794
35, 1182, 842 [1.0m]
▲82648-50
82620
115, 588, 1286
57 46, 1276, 666 [1.0m]
58 93, 4480, 1388 [1.0m]
59 93, 6298, 1176 [1.0m]
48 61, 446, 804 [1.0m]
49 105, 2354, 687 [1.0m]
50 78, 3008, 1006 [1.0m]
▲82636
105, 76, 350
×82412 4, 138, 304
×82411 6, 94, 375
82413 55, 26, 188 [1.0m]
07 21, 32, 528 [1.0m]
08 12, 70, 126 [1.0m]
09 17, 72, 114 [1.0m]
10 27, 78, 116 [1.0m]
11 39, 26, 83 [1.0m]
12 8, 30, 39 [1.0m]
13 14, 26, 65 [1.0m]
14 8, 44, 127 [1.0m]
15 9, 42, 141 [1.0m]
16 18, 68, 84 [1.0m]
17 20, 72, 76 [1.0m]
18 16, 164, 42 [1.0m]
19 19, 278, 15 [1.0m]
▲82647
61, 446, 804
21 50, 1588, 1641 [1.0m]
22 48, 1042, 1786 [1.0m]
23 29, 480, 495 [1.0m]
24 45, 1262, 729 [1.0m]
82421-24 ▲
▲81761 124, 184, 478
82414 ×
5, <2, 45
▲82415 1979, 4636, 406 [0.1m]
70 1240, 34, 346 [1.0m]
71 811, 60, 349
81770,71 240, 16, 146 [1.0m]
▲82627
82513 ▲
183, 60, 469 [0.6m]
▲82628-29
▲81767-69
28 353, 48, 62
29 357, 50, 128 [1.0m]
67 1300, 8, 696 [1.0m]
68 1440, 12, 531 [1.0m]
69 3610, 20, 271
63 1097, 1620, 194 [1.0m]
64 85, 18, 133 [1.0m]
65 115, 16, 115 [1.0m]
66 103. 14, 100 [1.0m]
▲81763-66
▲82623-26
▲81762 779, 220, 570
▲82621,22
21 121, 48, 100 [1.5m]
22 1181, 34, 397 [1.5m]
23 61, 20, 87 [1.0m]
24 63, 20, 95 [1.0m]
25 72, 18, 103 [1.0m]
26 82, 16, 126 [1.0m]
▲82512 172, 1410, 1010
▲82511 47, 14, 165
17, 8, 56
82509 ▲
▲82510
21, 10, 63 [0.5m]

Dempsey Creek
Middle Creek
Bullion Creek

LEGEND

ROCK SAMPLE — ▲82503 60, 222, 102 [1.1m] (Sample No. | Cu ppm (%) | Pb ppm | Zn ppm | Sample Interval; All other samples are grabs)

Continuous Chip Sample Intervals as Marked — ▲82421-24: 21 50, 1588, 1641 [1.0m]; 22 48, 1042, 1786 [1.0m]; 23 29, 480, 495 [1.0m]; 24 45, 1262, 729 [1.0m]

FLOAT SAMPLE — ×82406 9, 126, 55

SCALE 1:2000

50 0 50 100 150

METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.

DEL NORTE PROJECT, STEWART, B.C.

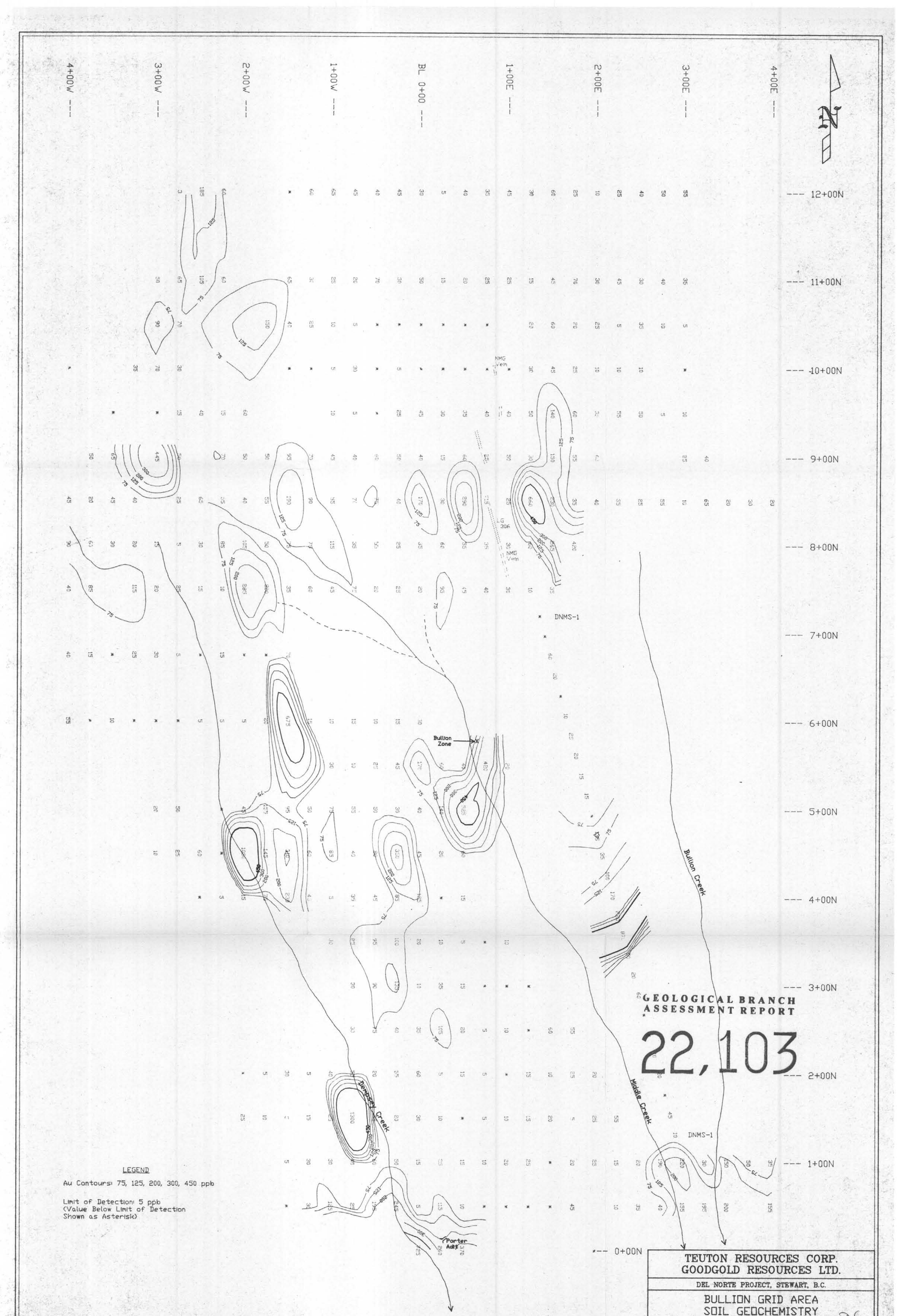
BULLION GRID AREA
ROCK SAMPLING
Cu, Pb & Zn VALUES

RPM Mapping and Computer Services Ltd.

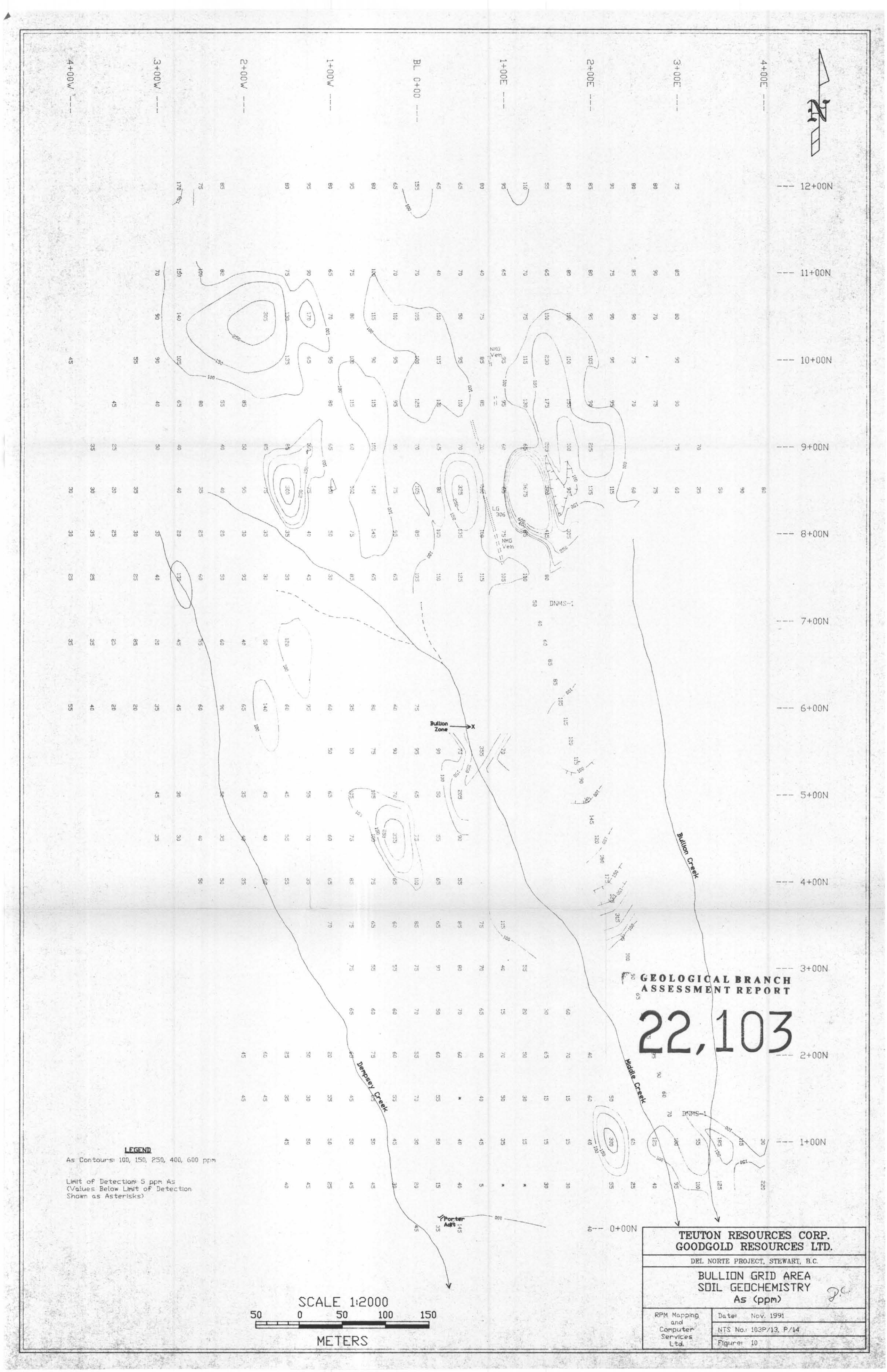
Date: Nov. 1991

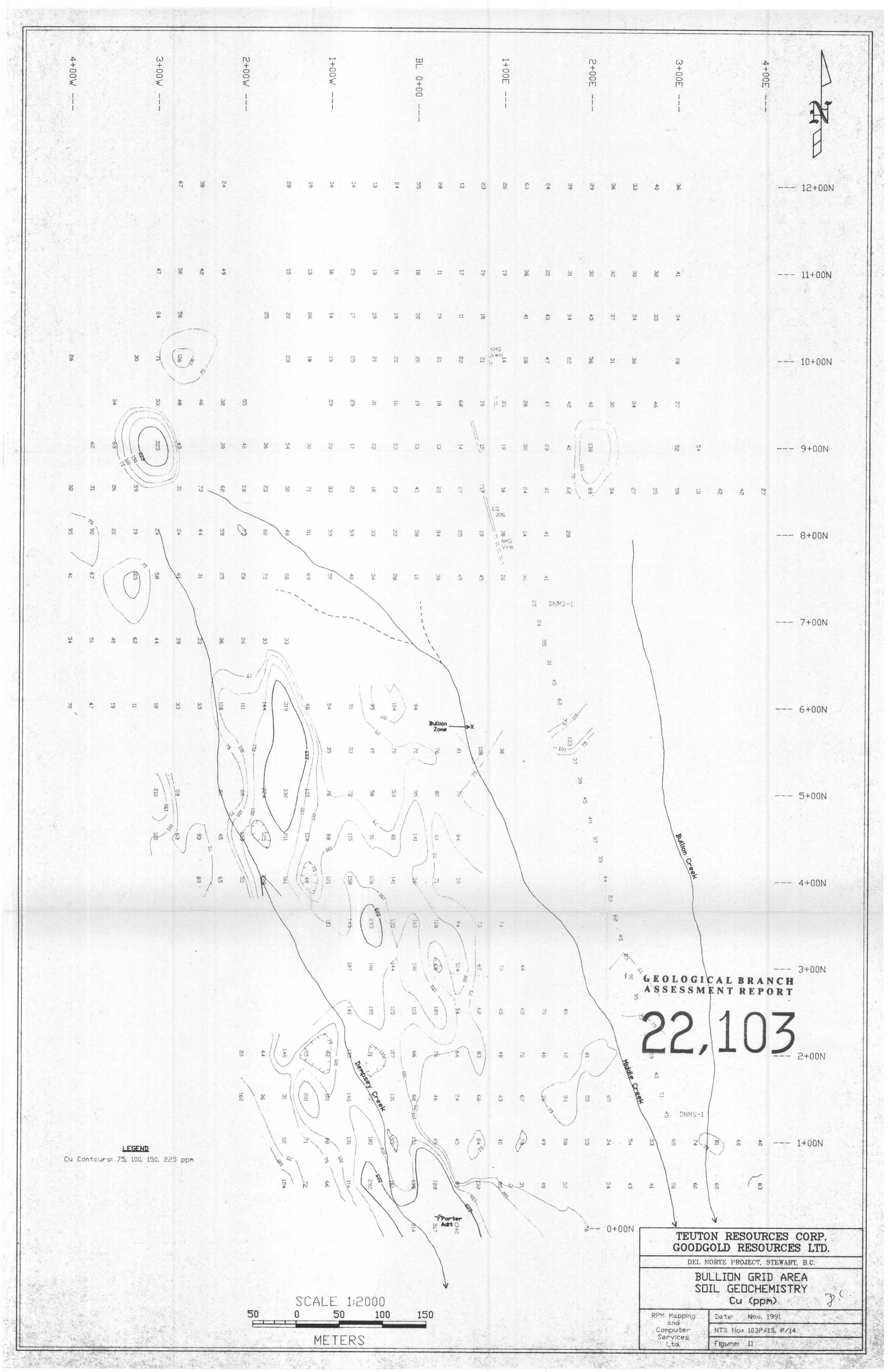
NTS No.: 103P/13, P/14

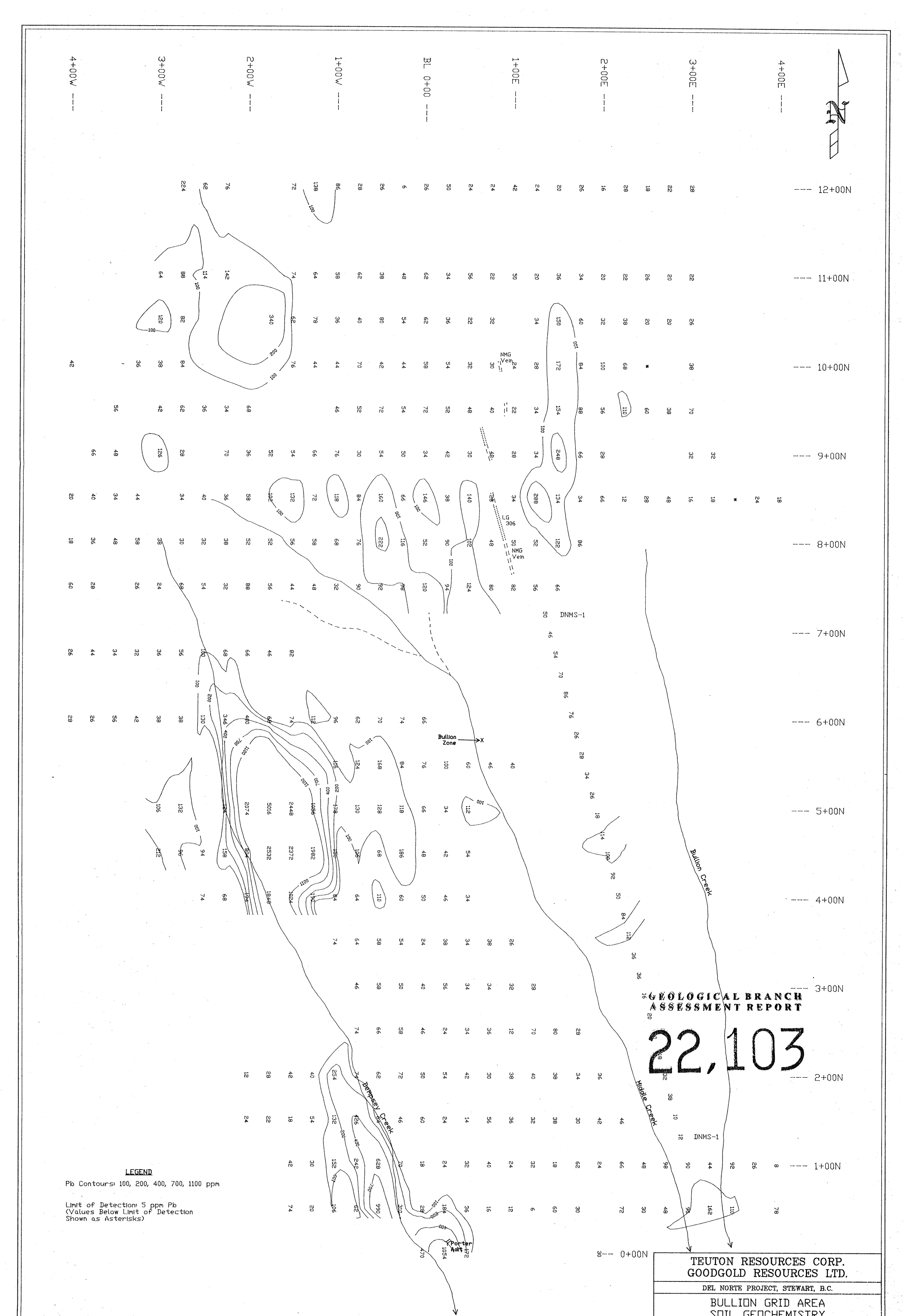
Figure 7

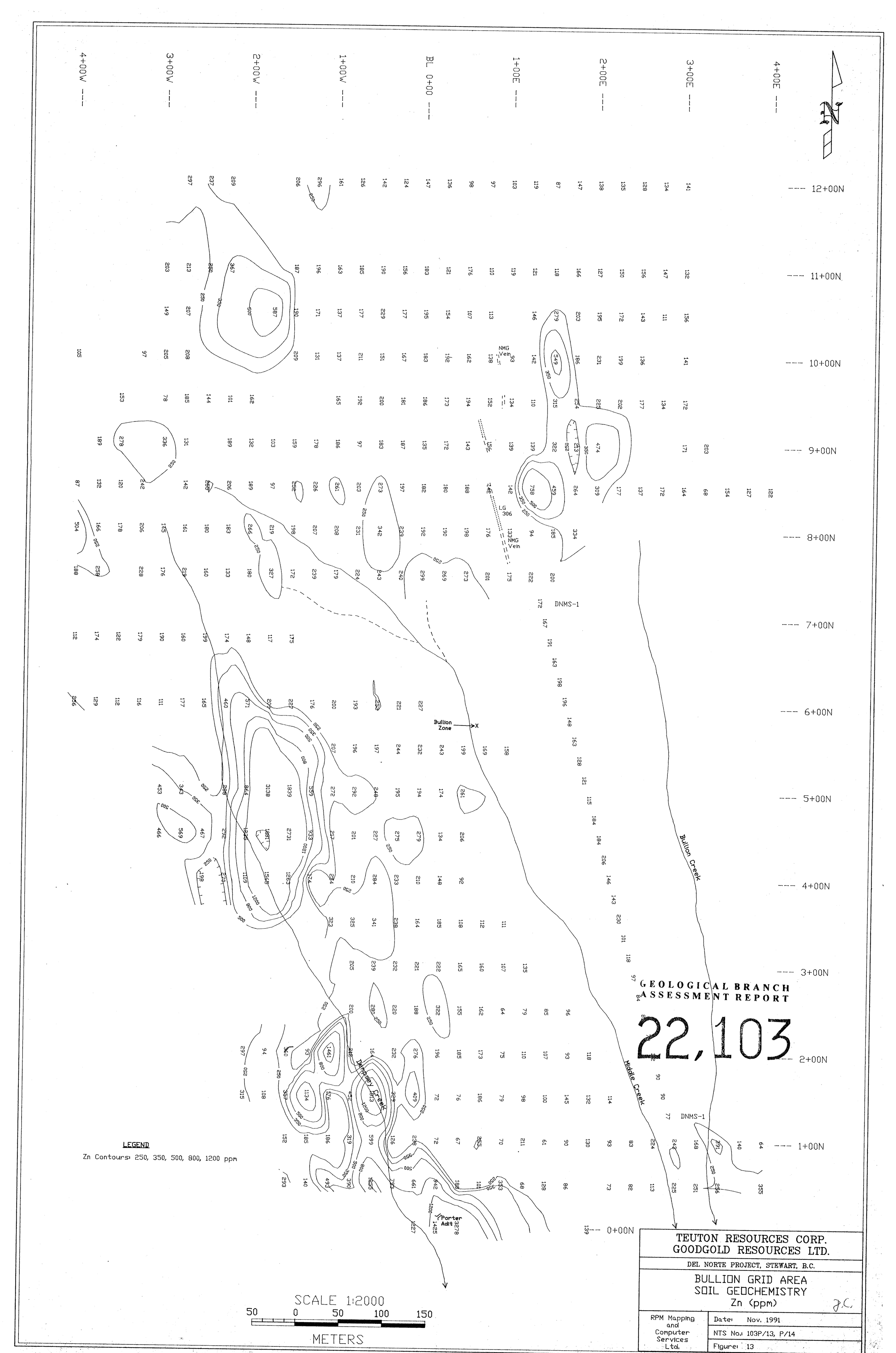

4+00E
3+00E
2+00E
1+00E
BL 0+00
1+00W
2+00W
3+00W
4+00W
12+00N
11+00N
10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
0+00N
DNMS-1
NMG Vein
Bullion Zone
Bullion Creek
Middle Creek
Dempsey Creek
Porter Adit
LEGEND
Au Contours: 75, 125, 200, 300, 450 ppb
Limit of Detection: 5 ppb
(Value Below Limit of Detection
Shown as Asterisk)
SCALE 1:2000
50 0 50 100 150
METERS
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,103
TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.
DEL NORTE PROJECT, STEWART, B.C.
BULLION GRID AREA
SOIL GEOCHEMISTRY
Au (ppb)
RPM Mapping and Computer Services Ltd.
Date: Nov. 1991
NTS No.: 103P/13, P/14
Figure: 8


12+00N
11+00N
10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
0+00N
4+00E
3+00E
2+00E
1+00E
BL 0+00
1+00W
2+00W
3+00W
4+00W
NMG Vein
LG 306
DNMS-1
Bullion Zone
Bullion Creek
Dempsey Creek
Middle Creek
Porter Adit
LEGEND
Ag Contours: 2.0, 2.5, 3.5, 5.0, 7.0 ppm
Limit of Detection: 0.2 ppm
(Values Below Limit of Detection Shown as Asterisks)
SCALE 1:2000
50 0 50 100 150
METERS
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,103
TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.
DEL NORTE PROJECT, STEWART, B.C.
BULLION GRID AREA
SOIL GEOCHEMISTRY
Ag (ppm)
RPM Mapping and Computer Services Ltd.
Date: Nov. 1991
NTS No.: 103P/13, P/14
Figure: 9


4+00E
3+00E
2+00E
1+00E
BL 0+00
1+00W
2+00W
3+00W
4+00W
12+00N
11+00N
10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
0+00N
NMG Vein
LG 306
NMG Vein
DNMS-1
DNMS-1
Bullion Zone
X
Bullion Creek
Dempsey Creek
Middle Creek
Porter Adit
LEGEND
As Contours: 100, 150, 250, 400, 600 ppm
Limit of Detection: 5 ppm As
(Values Below Limit of Detection
Shown as Asterisks)
SCALE 1:2000
50 0 50 100 150
METERS
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,103
TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.
DEL NORTE PROJECT, STEWART, B.C.
BULLION GRID AREA
SOIL GEOCHEMISTRY
As (ppm)
RPM Mapping and Computer Services Ltd.
Date: Nov. 1991
NTS No.: 103P/13, P/14
Figure: 10


4+00E
3+00E
2+00E
1+00E
BL 0+00
1+00W
2+00W
3+00W
4+00W
12+00N
11+00N
10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
0+00N
Bullion Zone
Bullion Creek
Dempsey Creek
Middle Creek
Porter Adit
DNMS-1
NMG Vein
LG 306
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,103
LEGEND
Cu Contours: 75, 100, 150, 225 ppm
SCALE 1:2000
50 0 50 100 150
METERS
TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.
DEL NORTE PROJECT, STEWART, B.C.
BULLION GRID AREA
SOIL GEOCHEMISTRY
Cu (ppm)
RPM Mapping and Computer Services Ltd.
Date: Nov. 1991
NTS No: 103P/13, P/14
Figure: 11


4+00E
3+00E
2+00E
1+00E
BL 0+00
1+00W
2+00W
3+00W
4+00W
12+00N
11+00N
10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
0+00N
NMG Vein
NMG Vein
DNMS-1
DNMS-1
Bullion Zone
Bullion Creek
Middle Creek
Dempsey Creek
Porter Adit
LEGEND
Pb Contours: 100, 200, 400, 700, 1100 ppm
Limit of Detection: 5 ppm Pb
(Values Below Limit of Detection
Shown as Asterisks)
SCALE 1:2000
50 0 50 100 150
METERS
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,103
TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.
DEL NORTE PROJECT, STEWART, B.C.
BULLION GRID AREA
SOIL GEOCHEMISTRY
Pb (ppm)
RPM Mapping and Computer Services Ltd.
Date: Nov. 1991
NTS No.: 103P/13, P/14
Figure: 12



TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.

DEL NORTE PROJECT, STEWART, B.C.

BULLION GRID AREA
SOIL GEOCHEMISTRY
Zn (ppm)

J.C.

RPM Mapping and Computer Services Ltd.	Date: Nov. 1991
	NTS No.: 103P/13, P/14
	Figure: 13

4+00W --- 3+00W --- 2+00W --- 1+00W --- BL 0+00 --- 1+00E --- 2+00E --- 3+00E --- 4+00E ---

--- 12+00N

--- 11+00N

--- 10+00N

--- 9+00N

--- 8+00N

--- 7+00N

--- 6+00N

--- 5+00N

--- 4+00N

--- 3+00N

--- 2+00N

--- 1+00N

--- 0+00N

NMG Vein

LG 306

NMG Vein

Bullion Zone

Bullion Creek

Dempsey Creek

Middle Creek

Porter Adit

LEGEND

AU > 125 ppb

AG > 3.5 ppm

PB > 400 ppm

ZN > 500 ppm

CU > 150 ppm

MAG ANOMALY > 1000 GAMMAS
(BASE MAG: 57,000 GAMMAS)

NMG VEIN
OBSERVED
INFERRED

ROCK SAMPLE LOCATION
SOIL SAMPLE LOCATION

SCALE 1:2000

50 0 50 100 150

METERS

Note: Mag and VLF/EM Surveys of Grid Area Largely Incomplete

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.

DEL NORTE PROJECT, STEWART, B.C.

BULLION GRID AREA
SOIL GEOCHEMISTRY AND GEOPHYSICS
COMPILATION MAP

RPM Mapping and Computer Services Ltd.	Date: Nov. 1991
	NTS No.: 103P/13, P/14
	Figure: 14

BULLION GRID AREA
See Figs. 6-14

N

82458
82459

CRACKLE ZONE

KMD-33 KMD-32 KMD-31 KMD-30 KMD-29 KMD-28 KMD-34 KMD-35 KMD-36 KMD-37
82534,82535
MS-103 MS-102 MS-101 MS-100 MS-99 MS-98 MS-97 MS-104 MS-105 MS-106 MS-107 MS-108 MS-109 MS-110 MS-111
82533
82530
KMD-19 KMD-18 KMD-17 KMD-16 KMD-15 KMD-14 KMD-20 KMD-21 KMD-22 KMD-23 KMD-24 KMD-25 KMD-26 KMD-27
82527,82528

Zone featuring
random quartz stringers
carrying values in
gold and arsenic
ERK 284
ERK 285
82531
ERK 281
ERK 282
ERK 283
ERK 277
ERK 279
ERK 280
82532
82526
82525
82536

CROESUS 4
6132
LCP
CROESUS 1
6129
CROESUS 3
6130
CROESUS 2
6130

DEL NORTE GLACIER

81812
KMS-13
81811
81810
KMS-11
KMS-12
KMS-10

ICEFIELD
ICEFIELD
ICEFIELD

MSS-28 MSS-29 MSS-30 MSS-31 MSS-32 MSS-33 MSS-34 MSS-35 MSS-36 MSS-37 MSS-38 MSS-39 MSS-40 MSS-41 MSS-42 MSS-43 MSS-44 MSS-45 MSS-46 MSS-90 MSS-89 MSS-88 MSS-87 MSS-86 MSS-85 MSS-84 MSS-83 MSS-82 MSS-81 MSS-80 MSS-79 MSS-78 MSS-77 MSS-76 MSS-75 MSS-41 MSS-42 MSS-43 MSS-44 MSS-45 MSS-46 MSS-47 MSS-48 MSS-49 MSS-50
MS-51 MS-52 MS-53 MS-54 MS-55 MS-56 MS-57 MS-58 MS-59 MS-60 MS-61 MS-62 MS-63 MS-64 MS-65 MS-66 MS-67 MS-68 MS-69 MS-70 MS-71 MS-72 MS-73 MS-74
BG-1 BG-2 BG-3 BG-4 BG-5 BG-6 BG-7 BG-8 BG-9 BG-10 BG-11 BG-12 BG-13 BG-14 BG-15 BG-16 BG-17 BG-18 BG-19 BG-20 BG-21 BG-22 BG-23 BG-24 BG-25 BG-26 BG-27 BG-28 BG-29 BG-30
BG-31 BG-32 BG-33 BG-34 BG-35 BG-36 BG-37 BG-38 BG-39 BG-40
MS-94 MS-93 MS-92 MS-91 MS-95 MS-96 BG-41 BG-42 BG-43 BG-44 BG-45 BG-46 BG-47 BG-48 BG-49 BG-50
KMS-01
81806
KMS-02
81803,81804
KMS-03
81807
KMS-04
KMS-05
81805
KMS-06
KMS-07
KMS-08
81808
KMS-09
82522,82523
82428,82429
81809

CRACKLE ZONE DETAIL MAP
SCALE 1:200

81813
82529
81523 40 5-10 cm wide vuggy quartz vein cpy,mag
81524
81519 81520 81521 81522 2-3 cm wide massive mag vein
3b silic/feld numerous 1-5 cm qtz-cpy-py stringers at 020° - 060°
81501 81502 81503 81504
3b Silic/Feld Quartz-Carbonate Stringers Numerous 1-5 cm wide qtz-cpy-py stringers at 020°-060°
81505 81506 81507 81508 81509 81510 81511 81512 81513 81514 81515 81516 81517 81518
3b Silic/Feld Quartz-Carbonate Stringers Numerous 1-5 cm wide qtz-cpy-py stringers at 020°-060°

LEGEND
3 Betty Creek Formation
3a Intermediate Plagioclase Porphyry Flow (Andesite)
3b Intermediate Ash Lapilli and Plagioclase Crystal Tuff
3c Agglomerate
3d Argillite
3e Strongly Phyllitic-Argillic Altered Volcanics
3f Sheared, Altered Volcanics
Silic Silicified
Feld Feldspathized
Qtz Quartz
Py Pyrite
Cpy Chalcopyrite
Mag Magnetite
40 Orientation of Vein or Shear
81525 Channel Sample with Sample Number
81813 Rock Sample

81535 3b Silic/Feld Some 1-2 cm wide qtz-cpy,py stringers at 020°-060°
81536 81537 81538 3b Silic/Feld A few 0.5-1.0 cm wide qtz-cpy stringers at 060°-090°
81534 3b Silic/Feld Some 1-2 cm wide qtz-cpy,py stringers at 020°-060°
82528
82527
81532 81533 3b Silic/Feld Quartz-Carbonate Stringers Numerous 1-2 cm wide qtz-cpy,py stringers
81526 81527 81528 81529 81530 81531 3b Silic/Feld

LEGEND
81807 ROCK SAMPLE
81809 FLOAT SAMPLE
MS-95 SOIL SAMPLE
KMS-09 SILT SAMPLE
ICE EDGE
GEOLOGICAL BDY
FAULT
CLAIM BOUNDARY
TRENCH

SCALE 1:5000
100 0 100 200 300
METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,103

TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.
DEL NORTE PROJECT, STEWART, B.C.
PORPHYRY ZONES
ROCK, SOIL AND SILT GEOCHEMISTRY
SAMPLE LOCATION MAP

RPM Mapping and Computer Services Ltd.
Date: Nov. 1991
NTS No.: 103P/13, P/14
Figure: 15

BULLION GRID AREA
See Figs. 6–14

N

45,280,203
60,45,214

CRACKLE ZONE

5,105,95
130,245,1075
10,160,89
115,385,202
20,160,158
80,380,172
130,320,247
95,330,181
35,405,489
30,130,255
5,120,62
50,375,186
55,230,270
5,125,102
220,1180,340
140,550,376
40,345,237
85,160,503
10,115,448
50,230,334
5,10,21
5,70,188
30,65,285
20,165,310
<5,45,169
25,325,380
30,155,399
5,70,383
10,65,58
<5,65,106
10,65,141
82534: 80,130,5931 (W=780 ppm)
82535: 40,110,2320 [0.75m] (W=180 ppm)
<5,10,245
970,140, (1.54) (W=180 ppm)
<5,20,52
<5,15,87
<5,30,109
<5,40,86
35,60,1636 (W=140 ppm)
25,90,222
82527: 135,200,3674
82528: 35,80,662 [1.10m]

Zone featuring random quartz stringers carrying values in gold and arsenic

(0.105),6720,726 [3.0m]
(0.253),(4.73),1641 [Grab from stringer]
(0.423),(>1%),3550
750,1495,255 [1.0m]
675,2055,270 [2.0m]
(0.253),(4.73),764
(0.190),(2.05),886
(0.651),(2.69),(0.47)
320,1195,228 [2.0m]
(0.085),9680,1080 [0.3m]
(0.224),(8.71),2561 [Grab from stringer]
(0.164),(2.86),1365
(0.058),(4.86),1411

CROESUS 4
6132

CROESUS 1
6129

LCP

CROESUS 3
6130

CROESUS 2
6130

DEL NORTE GLACIER

ICEFIELD

ICEFIELD

ICEFIELD

CRACKLE ZONE DETAIL MAP
SCALE 1:200

10,55,1005
70,45,2474 [0.40m]
40
5-10 cm wide vuggy quartz vein cpy,mag
5,20,604
110,10,6756
10,10,276
5,15,211
5,25,439
5,30,618
2-3 cm wide massive mag vein
3b silic/feld numerous 1-5 cm qtz-cpy-py stringers at 020° - 060°
20,225,631
75,285,603
15,270,486
10,275,269
3b Silic/Feld Quartz-Carbonate Stringers Numerous 1-5 cm wide qtz-cpy-py stringers at 020°-060°
5,350,285
10,65,685
70,185,587 (W=1020 ppm)
20,130,186 (W=580 ppm)
115,100,795
90,90,2559
75,145,2151
35,85,695
30,140,596
3b Silic/Feld Quartz-Carbonate Stringers Numerous 1-5 cm wide qtz-cpy-py stringers at 020°-060°
25,60,1485
10,75,1601
100,30,653
5,35,746
5,175,471
3b Silic/Feld Quartz-Carbonate Stringers Numerous 1-5 cm wide qtz-cpy-py stringers at 020°-060°

LEGEND

3 Betty Creek Formation
3a Intermediate Plagioclase Porphyry Flow (Andesite)
3b Intermediate Ash Lapilli and Plagioclase Crystal Tuff
3c Agglomerate
3d Argillite
3e Strongly Phyllitic-Argillic Altered Volcanics
3f Sheared, Altered Volcanics

Silic Silicified
Feld Feldspathized
Qtz Quartz
Py Pyrite
Cpy Chalcopyrite
Mag Magnetite

40 Orientation of Vein or Shear
10,15,402 Channel Sample with Au, As & Cu Values
10, 55, 1005 Rock Sample (Au ppb, As ppm, Cu ppm)

5,15,369
3b Silic/Feld
Some 1-2 cm wide qtz-cpy,py stringers at 020°-060°

5,10,485
5,15,230
10,25,421
3b Silic/Feld
A few 0.5-1.0 cm wide qtz-cpy stringers at 060°-090°

5,20,557
3b Silic/Feld
Some 1-2 cm wide qtz-cpy,py stringers at 020°-060°

35,80,662 [1.10m]
135,200,3674

5,10,338
5,15,326
3b Silic/Feld
Quartz-Carbonate Stringers
Numerous 1-2 cm wide qtz-cpy,py stringers
10,15,402
5,10,354
5,10,519
140,10,292
35,15,321
5,10,248
3b Silic/Feld

5,55,228
195,270,174
5,65,194
5,40,89
45,40,147
50,40,170
70,45,177

15,35,314
20,40,317
10,40,254
<5,35,208
5,70,259
40,10,196
25,25,128
20,30,92
140,60,190
20,30,279
30,10,184
15,20,184
10,<5,116
25,45,225
10,10,183
5,5,152
15,<5,145
45,15,236
5,20,155
5,35,221
10,<5,131
10,<5,193
5,45,140
5,25,85
5,25,98
<5,20,119
5,35,173
25,25,102
20,20,283
30,15,351
5,20,162
5,20,152
10,40,105
15,20,164
60,25,84
45,25,82
50,20,139
75,20,83
60,30,86
<5,20,171
20,25,86
15,30,47
20,20,73
25,45,264
5,35,214
10,45,229
5,40,205
40,30,226
55,45,210
5,75,54
25,40,218
81803: 5,285,112
81804: 110,245,31
155,445,239
15,1235,31
90,230,224
55,130,201
5,140,21
15,45,252
75,90,217
30,40,223
55,575,45
65,65,214
82522: 20,125,14
82523: (0.124),450,144
82428: 82428,82429
(0.081),25, (1.0)
60,40,220
50,40,625
40,35,106
45,5,52
50,20,115
45,30,104
30,30,83
25,30,63
30,20,105
35,20,66
40,25,93
10,35,93
15,25,88
5,30,84
10,35,74
<5,30,71
5,5,86
10,10,113
<5,25,83
<5,15,76
10,20,76
730,20,95
15,30,91
<5,15,82
<5,20,105
<5,25,41
10,15,47
5,<5,60
5,20,36
5,20,34
10,20,103
10,15,71
5,30,60
10,20,139
5,5,84
10,15,66
5,15,57
10,25,44
<5,<5,65
<5,<5,135
<5,<5,94
<5,25,53
<5,25,38
<5,10,84
10,20,51
5,15,44
25,25,196
20,20,149
10,15,173
5,20,151
5,25,59
30,25,97
10,40,44
15,35,60
<5,25,74
10,30,66
5,40,50
20,30,86
<5,50,67
<5,45,79
70,25,75
10,40,71
15,10,75
10,15,45
20,20,51
15,30,142
50,25,66
25,30,45
15,30,41
20,<5,86

LEGEND

▲ 15, 1235, 31 (Au ppb, As ppm, Cu ppm) — ROCK SAMPLE (Note: Samples are all grabs unless followed by sample interval e.g. [1.0m])
× (0.081),25, (1.0) (Au ppb, As ppm, Cu ppm (opt)) — FLOAT SAMPLE
■ <5, 50, 67 (Au ppb, As ppm, Cu ppm) — SOIL SAMPLE
● 65, 65, 214 (Au ppb, As ppm, Cu ppm) — SILT SAMPLE
ICE EDGE
GEOLOGICAL BDY
FAULT
CLAIM BOUNDARY
TRENCH

SCALE 1:5000
100 0 100 200 300
METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,103

TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.

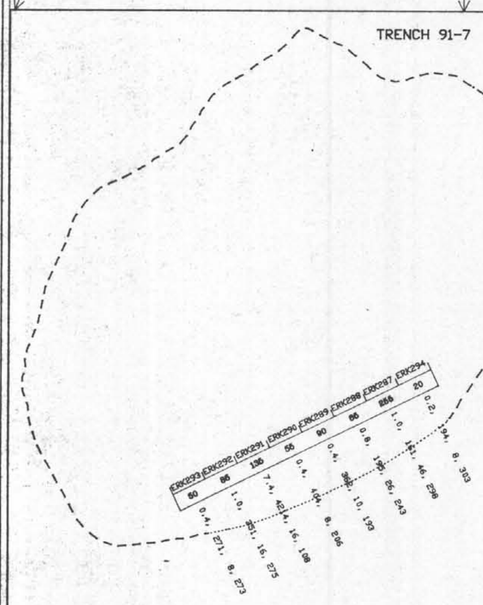
DEL NORTE PROJECT, STEWART, B.C.

PORPHYRY ZONES
ROCK, SOIL AND SILT GEOCHEMISTRY
Au, As & Cu VALUES

RPM Mapping and Computer Services Ltd.

Date: Nov. 1991
NTS No.: 103P/13, P/14
Figure: 16

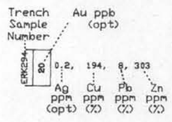
TRENCH 91-7



LEGEND

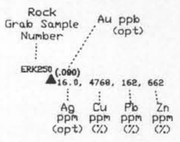
3	Betty Creek Formation
3a	Intermediate Plagioclase Porphyry Flow (Andesite)
3b	Intermediate Ash Lapilli and Plagioclase Crystal Tuff
3c	Agglomerate
3d	Argillite
3e	Strongly Phyllitic-Argillic Altered Volcanics
3f	Sheared, Altered Volcanics

Trench Sample Number — Au ppb (opt) / Ag ppm (opt) / Cu ppm (%) / Pb ppm (%) / Zn ppm (%)



All trench samples are 1.0m unless otherwise indicated. (Note: Sample values for 1990 trenching have been included for reference without sample numbers.)

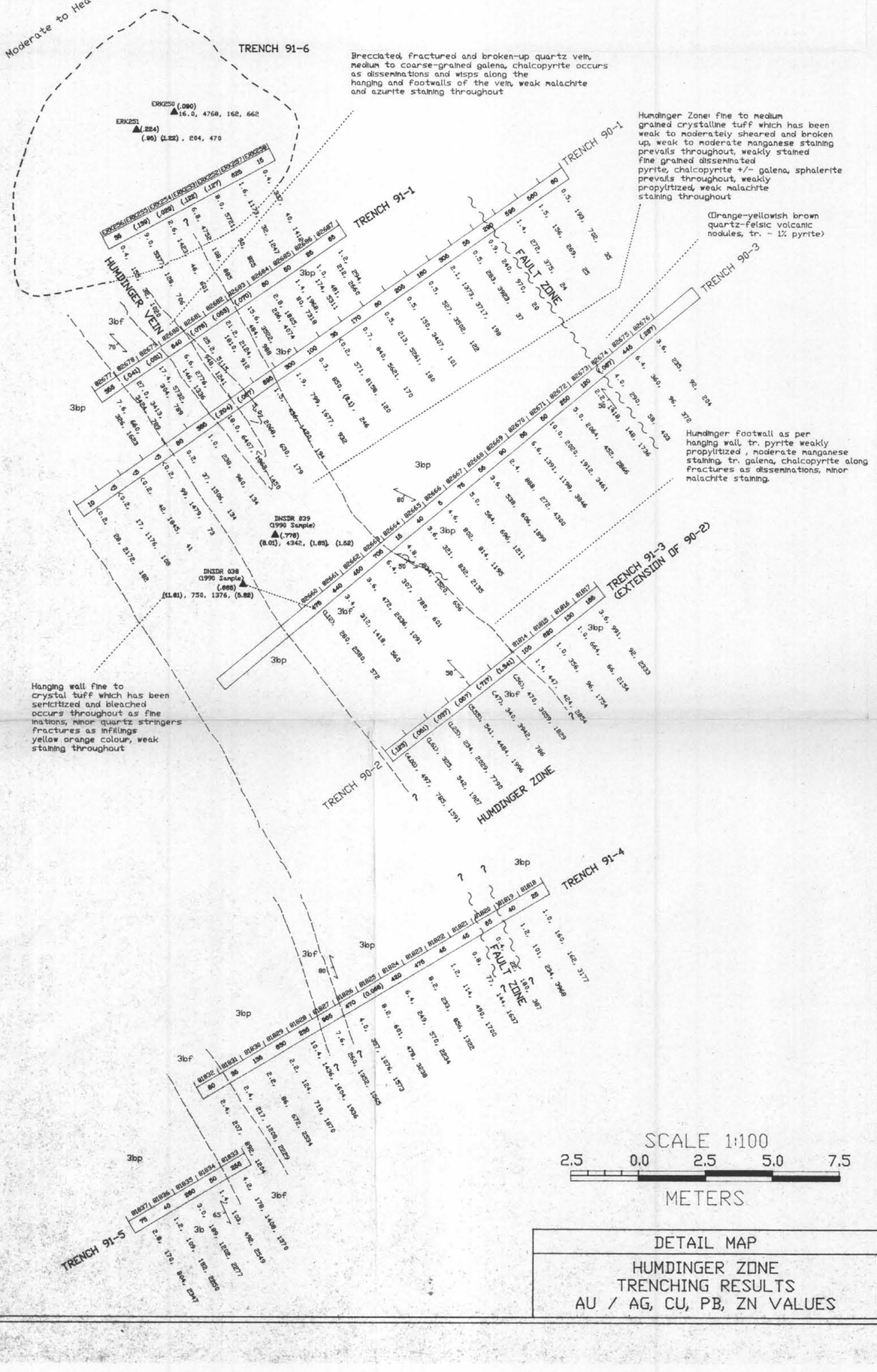
Rock Grab Sample Number — Au ppb (opt) / Ag ppm (opt) / Cu ppm (%) / Pb ppm (%) / Zn ppm (%)



Moderate to Heavy Overburden

TRENCH 91-6

Brecciated, fractured and broken-up quartz vein, medium to coarse-grained galena, chalcopyrite occurs as disseminations and wisps along the hanging and footwalls of the vein, weak malachite and azurite staining throughout



SCALE 1:100

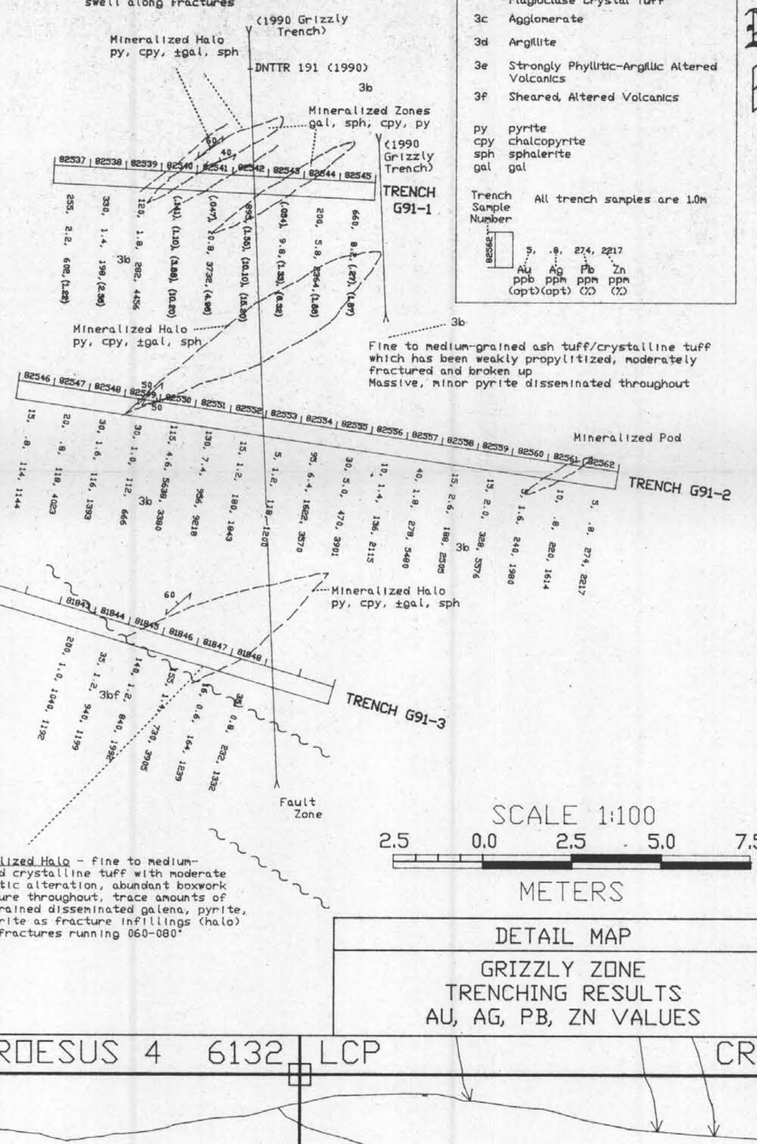
2.5 0.0 2.5 5.0 7.5

METERS

DETAIL MAP

HUMDINGER ZONE
TRENCHING RESULTS
AU / AG, CU, PB, ZN VALUES

Mineralized Zones: medium to coarse-grained (tr-10%) galena, sphalerite within jarositically altered boxwork structure of fracture infillings disseminations and wisps, wisps range from 1-3 cm in width and pinch and swell along fractures



LEGEND

3	Betty Creek Formation
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3f	Sheared, Altered Volcanics
py	pyrite
cpy	chalcopyrite
sph	sphalerite
gal	gal

Trench Sample Number — All trench samples are 1.0m

Mineralized Halo - fine to medium-grained crystalline tuff with moderate jarositic alteration, abundant boxwork structure throughout, trace amounts of fine-grained disseminated galena, pyrite, sphalerite as fracture infillings (halo) along fractures running 060-080°

SCALE 1:100

2.5 0.0 2.5 5.0 7.5

METERS

DETAIL MAP

GRIZZLY ZONE
TRENCHING RESULTS
AU, AG, PB, ZN VALUES

CROESUS 4 6132 | LCP | CROESUS 1 6129

CROESUS 3 6130

CROESUS 2 6130

Del Norte Creek

Humdinger Zone
(See Detail Map At Left)

Grizzly Zone
(See Detail Map Above)

LEGEND

ICE EDGE

CLAIM BOUNDARY

CREEK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,103

SCALE 1:5000

100 0 100 200 300

METERS

TEUTON RESOURCES CORP.
GOODGOLD RESOURCES LTD.

DEL NORTE PROJECT, STEWART, B.C.

HUMDINGER AND GRIZZLY ZONE TRENCH RESULTS

RPM Mapping and Computer Services Ltd.

Date: Nov. 1991

NTS No.: 103P/13, P/14

Figure: 17