NTS: 104 A/4W
Latitude: 56 07'N
Longitude: 129 40'W

PROSPECTING REPORT ON THE

BARITE-VON CLAIM BLOCKS

STEWART AREA, B. C.

SKEENA MINING DIVISION

BARITE - 1	253 312	VON - 1	253 316
BARITE - 2	253 313	VON - 2	253 317
BARITE - 3	253 314	VON - 3	304 814
BARITE - 4	253 315		

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,033

Teuton Resources Corp.
509 - 675 W. Hastings Street
Vancouver, B. C.
V6B 1N2

Brian V. Hall; M.Sc., P.Geo.
Terra Nova Exploration
Consultants

November 29, 1991

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1. INTRODUCTION

At the request of Dino Cremonese, President of Teuton Resources Corp., an exploration program was conducted on the Barite 1-4, Von 1-2 Claim Blocks. Prospecting followed by rock sampling were the main emphasis of this years work although some soil and stream sediment sampling was carried out. The purpose behind this years program was to locate areas of sufficiently high base and/or precious metal potential.

A field crew consisting of one geologist and two prospectors were on site between September 17th to 29th, 1991. During this time 331 rock samples, 31 talus, 6 soil and 52 silt samples were collected. These were subsequently analyzed for a suite of 31 major and minor elements. Some geological mapping was also carried out around some of the more significant showings. The Von-3 claim block consisting of 18 units was also staked to cover the northern extension of the mineralization present on the Von-2 claim block. The total cost for this years program was approximately $26,826.89.

Both the Barite 1-4 and Von 1-3 claim blocks are richly mineralized. Of the 321 rock samples collected this past season, roughly 250 represent distinctly different showings. Of these only 10 of these showings appear to have received any previous work. Although some work has been previously carried out on the property, none of this work appears to be very comprehensive. Especially the most recent work where only the occasional sample has been collected.

Four main types of mineral occurrences are present on the property:

1. pyrite-bearing quartz vein/stockwork systems,
2. massive pyrite veins,
3. disseminated pyrite zones, and
4. galena +(-) sphalerite +(-) chalcopyrite veins.

Of these the first two types account for over 70% of the occurrences and can be up to 5m wide. However the best assay values were obtained from the base metal veins (type 4).

Individual assays of up to 65.60% lead, 15.92% zinc, 5.84% copper and 51.36 oz/ton silver have been obtained over relatively narrow widths over various portions of the property. The pyrite-bearing quartz veins and massive pyrite veins resemble the mesothermal veins found elsewhere in the Stewart District which contain appreciable gold values. Since many of these veins contain significantly high concentrations in pathfinder elements such as arsenic and silver along with elevated amounts of lead, zinc and copper. These veins could be viable exploration targets at depth.

Further work is recommended for the property, especially since much of the property has not even been prospected in a cursory fashion.

1.1 LOCATION AND ACCESS

The Barite-Von property is located roughly 30km northeast of the town of Stewart, B.C. (Figure 1). Stewart in turn is located at the northern end of the Portland Canal which is roughly 800km north of Vancouver. The present population of Stewart is roughly 2,000.

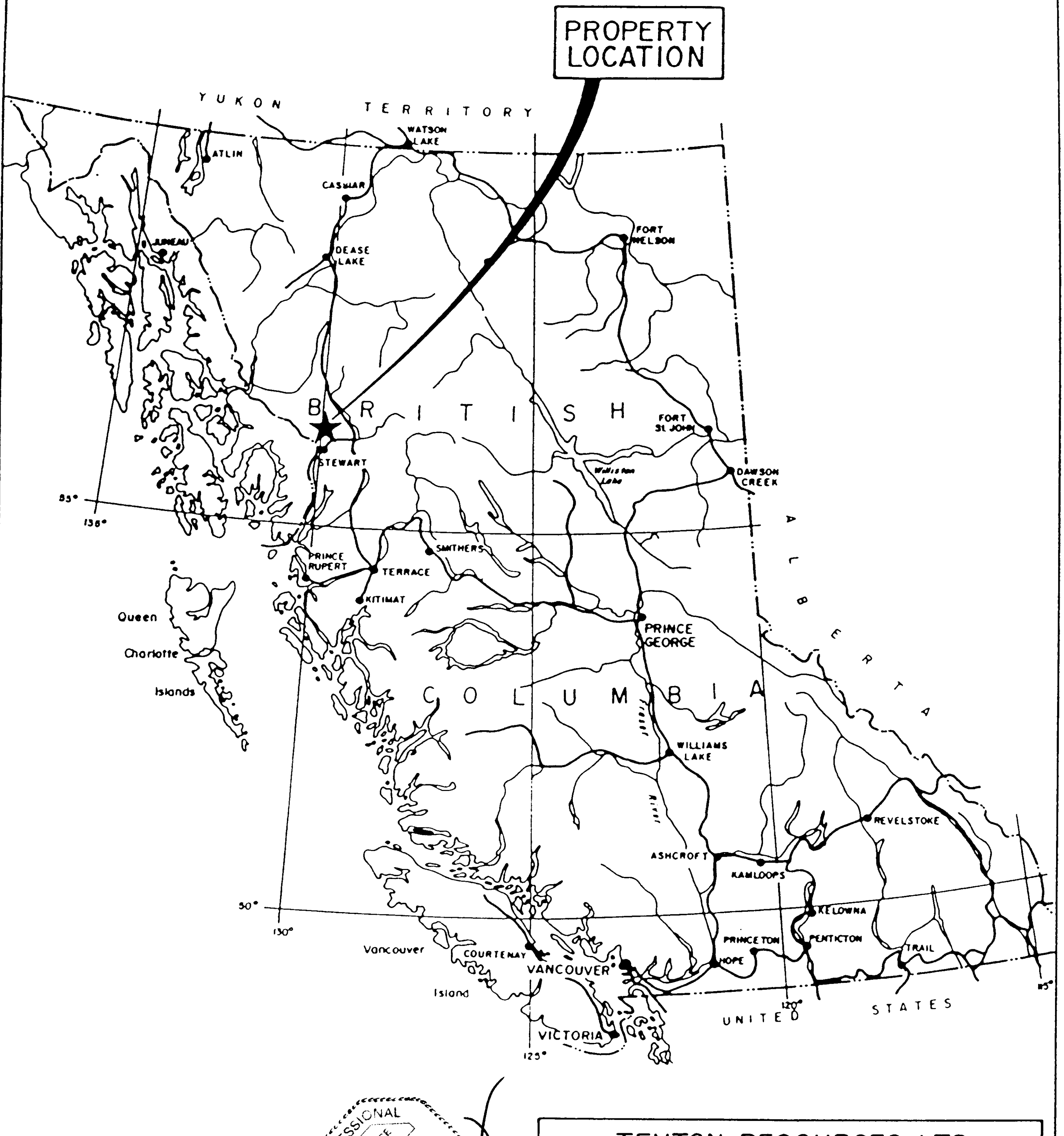
Stewart is linked to the interior of British Columbia via the Stewart-Cassiar Highway (37A). This highway is paved and kept free of snow year-round. There is also a daily bus and freight service, scheduled air service, plus weekly barges from Vancouver.

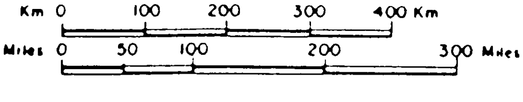
The most convenient form of access to the property is via Vancouver Island Helicopters, based out of Stewart. However the southern portions of the Barite 2 and 3, plus Von 1 and 2 claims can be accessed from Highway 37A. This highway along with a recently completed hydro-electric power line passes along the southern boundary of the Barite 2 and 3 claims.

1.2 PHYSIOGRAPHY AND CLIMATE

The topography on the Von-Barite claims varies from steep valley slopes to relatively flat glaciated mountain tops. Elevations range from 1000 feet above sea level at the southwest corner of the Barite 3 claim block to over 6,900 feet at Yvonne Peak. The valley walls of the Bear River and Cullen Creek are quite steep and often hazardous to traverse, although several old trails leading to some of the old workings exist. Ice fields cover the northern portions of both the Von and Barite claim blocks.

The vegetation varies from a mature mixture of balsam, spruce, cedar and devils club at the lower elevations to alpine mosses and grasses at the higher elevations. Outcrop is generally plentiful at the higher elevations whereas the valley bottoms are often covered by a thick veneer of glacial debris.





TEUTON RESOURCES LTD.

VON

PROPERTY LOCATION MAP

SKEENA MINING DIVISION, B.C.

TERRA NOVA EXPLORATION CONSULTANTS LTD.

DRAWN	N.T.S	DATE. MAY 91	FIGURE. 1.

Climatically the property receives a considerable amount of precipitation (generally over 200cm/year). The snow cover generally exceeds 10 meters, although the winters are generally quite mild. Avalanches are a serious concern during the spring and winter months. Also due to the heavy winter snowfalls the upper portions of the property are only workable from late June to early October.

1.3 CLAIM INFORMATION

At present the Barite and Von claim blocks consist of seven claims (Barite 1-4 and Von 1-3) which total 130 units. All the claims are located in the Skeena Mining Division and with the exception of the Von 3, all are 100% owned by Teuton Resources Corp. The Von 3, staked on September 26, 1991 is currently owned by Brian Sauer, but is in the process of being transferred to Teuton Resources Corp. Pending acceptance of the assessment work described in this report, the expirty dates will be as shown on Table 1.

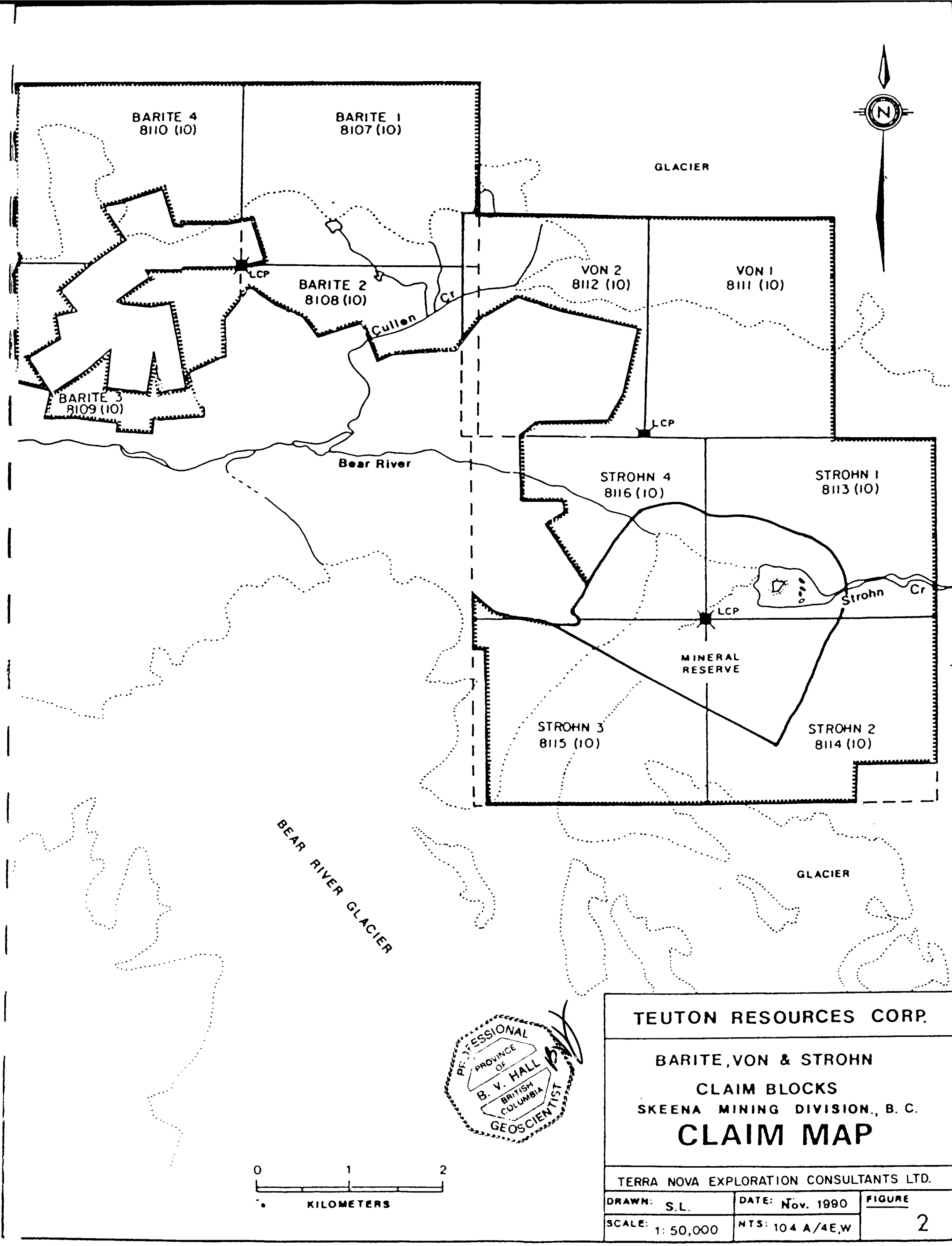
The outline of the claims are shown on Figure 2. Tournigan Mining Explorations Ltd. presently owns many of the old crown grants in the area. For many of these claims the corner posts are no longer standing or identifiable.

1.4 PROPERTY HISTORY

Work began in the area of the Barite-Von claims in 1907 shortly after the town of Stewart was incorporated. Between 1907 and 1930 an extensive amount of work was carried out, mostly on the crown granted claims presently owned by Tournigan Mining Exploration Ltd.

The first claim block to receive a serious degree of work was the holdings of the George Gold-Copper Mining Company. A 115 foot long adit was completed in 1919 along with some trenching and mapping in 1926. Cominco, then the Consolidated Mining and Smelting Company of Canada, drilled 8,162 feet between 1927 and 1919 (Smitheringale, W.G., 1976).

The Enterprise property (located immediately to the south of Cullen Creek) was originally staked as the Lucky Frenchman in the early 1900's. A 35 foot long tunnel known as Frenchman's Tunnel or Tunnel "A" (Deleen, J., 1990) was completed into a zone of copper mineralization. In 1925 the property was restaked as the Enterprise Group, and was acquired by the George Enterprise Mining


BARITE 4
8110 (10)
BARITE 1
8107 (10)
GLACIER
LCP
BARITE 2
8108 (10)
Cullen Cr
VON 2
8112 (10)
VON 1
8111 (10)
BARITE 3
8109 (10)
LCP
Bear River
STROHN 4
8116 (10)
STROHN 1
8113 (10)
Strohn Cr
LCP
MINERAL
RESERVE
STROHN 3
8115 (10)
STROHN 2
8114 (10)
BEAR RIVER GLACIER
GLACIER
PROFESSIONAL
PROVINCE OF
B. V. HALL
BRITISH COLUMBIA
GEOSCIENTIST
0 1 2
KILOMETERS
TEUTON RESOURCES CORP.
BARITE, VON & STROHN
CLAIM BLOCKS
SKEENA MINING DIVISION., B. C.
CLAIM MAP
TERRA NOVA EXPLORATION CONSULTANTS LTD.
DRAWN: S.L.
DATE: Nov. 1990
FIGURE 2
SCALE: 1: 50,000
NTS: 104 A/4E,W

T A B L E 1

CLAIM INFORMATION

Claim Name	Record Number	Tenure Number	Number of Units	Expiry Date
Barite 1	8107(10)	253 312	20	October 5, 1992
Barite 2	8108(10)	253 313	20	October 5, 1992
Barite 3	8109(10)	253 314	20	October 5, 1992
Barite 4	8110(10)	253 315	20	October 5, 1992
Von 1	8111(10)	253 316	20	October 5, 1992
Von 2	8112(10)	253 317	20	October 5, 1992
Von 3		304 814	18	September 26, 1992

Note: Expiry dates are pending acceptance of the work described in this report.

Co. Between 1925 and 1927 an extensive amount of trenching and propsecting was completed on the Enterprise claims. Several hundred feet of tunnels were also driven in 1928 and 1929 (Smitheringale, W.G., 1976).

Near the western end of the Barite - Von claims in the vicinity of Rufus Creek, some trenching and underground development was completed by the Rufus Silver-Lead Mines and Argenta Mines. In 1928 both companies were consolidated into Rufus Argenta Mines Ltd. (Taylor, D.P., 1981).

With the exception of the Heather on which a 50 foot adit was completed in 1950, the Bear Pass area received very little in the way of exploration activity between 1935 and 1969. Between 1969 and 1978, Tournigan Mining Explorations Ltd. spent approximately $1,500,000 on claim acquisition, geological mapping, trenching and diamond drilling. In 1974 the George Enterprise property which included the Enterprise and Heather claims was optioned by Tournigan and eventually purchased outright in 1976. A number of other reverted crown grants were also acquired by Tournigan in 1976 (Deleen, J., 1990; Smitheringale, W.G., 1976).

In 1980 a number of reverted crown grants known as the Rufus-Argyle Claims (located near Rufus Creek) were optioned from Tournigan Mining Explorations Ltd. to Kingdom Resources Ltd. Some mapping and sampling was subsequently carried out by Kingdom Resources Ltd., however the claims were soon returned to Tournigan Mining Explorations Ltd.

From 1980 to 1989 the area again became inactive. This changed in 1989 when Bond Gold Canada Limited announced the discovery of a significant gold bearing zone 20km south of the Bear Pass area (Northern Miner, 1990). This discovery, known as Red Mountain again focused attention to the eastern side of the Stewart District.

In October of 1989, Teuton Resources Ld. acquired a land position in the Bear Pass area. In all ten claim blocks (Barite 1-4, Von 1-2, and Strohn 1-4) totalling 200 units were acquired through staking. During the 1990 field season, a preliminary program of prospecting, rock sampling, silt sampling and geological mapping was carried out by Nicholson and Associates for Teuton Resources Corp. A total of 55 rock and 24 silt samples were collected from the Barite, Von and Strohn claim blocks. From the Von 2 claim block serveral samples produced significant results. In particular, sample (GW-R-18) produced values of 0.121 oz/ton gold, 12.1 oz/ton silver and 16.24% zinc from a narrow quartz-sulphide vein. A second sample (GW-R-17) collected several meters to the south, assayed 3.5 oz/ton silver and 7.15% zinc. Several other samples were found to be anomalous in lead, zinc, copper and silver on both the Von and Barite claim blocks. In additon a cluster of silt samples (DL-S-1, 3 and 4) located in the north-eastern corner of the Barite 2 claim block were found to be highly anomalous in gold, zinc, lead and to a lesser degree silver. The results of this preliminary program necessitated the need for follow-up work over the known areas of interest, plus other areas on the property (Wilson, G.L., 1991A; Wilson, G.L. 1991B).

An airborne geophysical survey was also carried out by Teuton Resources Corp. during the 1990 field season (Murton, J.C.,1990).

Rock sampling was also carried out by Orequest Consultants in 1991 on both the properties held by Teuton Resources Corp. and Tournigan Mining Explorations Ltd. However this program was very limited in terms of scope and the number of samples taken.

2. REGIONAL GEOLOGY

Geologically the Stewart District occurs within the Stikinia Terrane of the Intermontane Belt. Immediately to the west, but in close proximity is the Coast Plutonic Complex. To the east is the Bowser Basin which overlaps in the Stikinia and adjoining Cache Creek Terrane.

To date the most comprehensive published work has been by E.W. Grove (1972, et al 1982 and 1986). More recently a detailed re-evaluation of the district has been undertaken by D.J. Alldrick (1983, 1984, 1985, and 1987). On the deposit scale both the Big Missouri and Premier Silbak deposits have been recently described in detail (Galley, A.G., 1981; Brown, D.A., 1987).

2.1 STRATIGRAPHY AND LITHOLOGY

The Stikinia Terrane which hosts the Stewart consists of a middle Paleozoic to lower Mesozoic package of eugeoclinal rocks. Within the Stewart District the stratigraphic succession is somewhat more restricted consisting entirely of the middle Jurassic to upper Triassic Hazelton Grup. Intruding the rocks of the Hazelton Group are a series of Jurassic and Tertiary intrusive rocks.

Based upon the regional mapping of Alldrick (1987) and Grove (1972) the Hazelton Group has been subdivided into four formations consisting of the; 1) Unuk River, 2) Betty Creek, 3) Mount Dilworth, and 4) Salmon River Formations.

The oldest of these is the upper Triassic to lower Jurassic Unuk River Formation. This consists of a sequence of thick-bedded epiclastic volcanic rocks and lithic tuffs, with associated pillow lavas, carbonate lenses and thin-bedded siltstones. The volcanic rocks are compositionally andesites, consisting predominantly of a series of green to greenish-gray fragementals which range in size from fine grained tuffs through breccias. Within the andesite tuffs are a series of hematitic epiclastic lenses. This causes the colour of these rocks to grade from an apple-green to a bright brick red (Grove, E.W., 1986). The tuffs for the most part are composed almost entirely of angular clasts and exhibit a poor degree of sorting.

Grove (1986) has divided the Unuk River Formation into a lower, middle and upper member based upon the presence of two local unconformities. The depositional environment has been interpreted to be an island arc under "shallow-water marine" conditions. Furthermore, the direction of transport during the lower Jurassic was predominantly from west to east which suggests a topographic high which was offshore at the time.

In the immediate Stewart area Alldrick (1987) has divided the Unuk River Formation into seven members. This being based largely upon the presence of an upper and lower sequence of siltstone, plus lithologies which are considered to be distinctive. The epiclastic rocks are by far the most abundant. Three andesitic tuff members have been defined which are separated by a lower and upper unit of siltstone. The uppermost of the tuff members is also the most widespread attaining a thickness of roughly 2,000m. It is thought the entire sequence represents a predominantly sub-aerial accumulation with the two regional siltstone markers denoting periods of submergence (Alldrick, D.J., 1985).

Volcanic flows within the Unuk River Formation include a series of augite porphyries and the Premier Porphyry, both of which occur near the top of the Unuk River Formation. The more distinctive of two being the Premier Porphyry which consists of a series of bimodal, feldspar-porphyritic and andesites. Phenocrysts consisting of small (3-5mm) white, subhedral to euhedral plagioclase crystals, plus large (1 to 5cm) buff-coloured, euhedral orthoclase crystals and 5-10mm long hornblende crystals. This unit outcrops along the uphill side of the Silbak Premier mine site along the west sides of Mount Dilworth, and is identical in appearance to dykes of the Premier Porphyry (Alldrick, D.J., 1985).

The augite-porphyry flows are restricted to the area of Long Lake and may be the stratigraphic equivalent to the Premier Porphyry Flows (Alldrick, D.J., 1985). In appearance this rock type is massive, consisting of euhedral green-black phenocrysts of augite (2-8mm long) which are set in an aphanitic, medium grey to olive green matrix (Dupas, J.P., 1985).

Conformably, overlying the Unuk River Formation is the lower Jurassic Betty Creek Formation. Laterally this unit can be traced for roughly 170 km stretching from the Iskut River in the north, to south of Alice Arm (Grove, E.W., 1987). Over this area the estimated thickness of this unit varies considerably from 4 to 1,200 meters. It has also been subdivided into two members, one of which consists of a series of dacitic volcanics and the other a sequence of sediments.

The dacitic volcanics consist of dust tuffs, crystal tuffs, lapilli tuff and porphyritic flows which are interbedded within the sediments. They also appear to be of relatively local extent since many areas within the epiclastic rocks contain no dacitic volcanics.

The sedimentary facies of the Betty Creek Formation consist of a series of conglomerates, sandstones and siltstones. Although these rocks are predominantly purple to bright maroon coloured, some local greenish, mottled purple and green units are present. As the hematized nature of these rocks suggest the environment of deposition was predominantly sub-aerial, with the conglomerates possibly representing debris flows. Overall the material which comprises the sediments of the Betty Creek Formation appears to have been derived locally (Grove, E.W., 1986).

A lower Jurasic felsic volcanic sequence known as the Mount Dilworth Formation overlies the Betty Creek Formation. Although relatively thin this unit is distinctive and provides an important regional marker in the district. Overall the Mount Dilworth Formation has been subdivided into five distinct facies of felsic tuff, plus a basal pumice facies.

2.1.1 INTRUSIVE ROCKS

Due to the relative proximity of the Coast Plutonic Complex the Stewart area is crosscut by a variety of intrusive rocks.

The oldest is a large body of granodiorite lying at the eastern edge of the Stewart District known as the Texas Creek Granodiorite. The core to this body has recently been dated at 206 + 6 Ma with some peripheral dykes and sills at 189 +(-) 22 Ma (Alldrick, D.J., et.al., 1987).

Teuton Resources

SCALE 1:100 000

NTS 104 A/4W

Barite, Von & Strohn Properties

FIG. 3: REGIONAL GEOLOGY

PROFESSIONAL GEOSCIENTIST PROVINCE OF BRITISH COLUMBIA B. V. HALL

JURASSIC

HAZELTON GROUP

UPPER JURASSIC

NASS FORMATION

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)

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)

MESOZOIC

LOWER JURASSIC

UNUK RIVER FORMATION

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)

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

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

CENOZOIC

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)

JURASSIC

MIDDLE JURASSIC AND YOUNGER ?

GRANODIORITE (a); DIORITE (b); SYENODIORITE (c); MONZONITE (d); ALASKITE (e)

MESOZOIC

LOWER JURASSIC AND YOUNGER ?

DIORITE (a); SYENOGABBRO (b); SYENITE (c)

TRIASSIC

UPPER TRIASSIC AND YOUNGER ?

DIORITE (a); QUARTZ DIORITE (b); GRANODIORITE (c)

HORNBLENDE PREDOMINANT .... H
BIOTITE PREDOMINANT .... B

METAMORPHIC ROCKS

TERTIARY

3 HORNFELS (a); PHYLLITE, SCHIST (b); SOME GNEISS (c)

JURASSIC

2 HORNFELS (a); PHYLLITE, SEMI-SCHIST, SCHIST (b); GNEISS CATACLASITE MYLONITE (d); TACTITE (e)

TRIASSIC

1 SCHIST (a); GNEISS (b); CATACLASITE, MYLONITE (c)

HORNBLENDE OR AMPHIBOLE DEVELOPED
BIOTITE DEVELOPED
POTASSIUM FELDSPAR DEVELOPED

AREA UNMAPPED

SYMBOLS

ADIT
ANTICLINE (NORMAL, OVERTURNED)
BEDDING (HORIZONTAL, INCLINED, VERTICAL, CONTORTED)
BOUNDARY MONUMENT
CONTOURS (INTERVAL 1,000 FEET) 3000
FAULT (DEFINED, APPROXIMATE)
FAULT (THRUST)
FAULT MOVEMENT (APPARENT)
FOLD AXES, MINERAL LINEATION (HORIZONTAL, INCLINED)
FOSSIL LOCALITY
GEOLOGICAL CONTACT (DEFINED, APPROXIMATE)
GLACIAL STRIAE
GRAVEL, SAND, OR MUD
HEIGHT IN FEET ABOVE MEAN SEA LEVEL •6234'
INTERNATIONAL BOUNDARY
JOINT SYSTEM (INCLINED, VERTICAL)
MARSH
MINING PROPERTY
RIDGE TOP
SCHISTOSITY (INCLINED, VERTICAL)
SYNCLINE (NORMAL, OVERTURNED)
TUNNEL
VOLCANIC CONE

Compilation and geology by E. W. Grove, 1964 to 1970, with assistance by N. H. Halmila and R. V. Kirkam, 1966 and James T. Fyles, 1967
Geology of the Alice Arm area by N. C. Carter, 1964 to 1966

The Premier Porphyry dykes represent a series of medium to dark green porphyritic rocks which contain 1-4cm long phenocrysts of orthoclase and smaller phenocrysts of plagioclase. Exposures of this rock type occur along the west side of the Salmon River, with the greatest concentration within the immediate vicinity of the Premier Silbak Mineralization (Alldrick, D.J., 1985). Recent age dating has produced an age of 194 +(-) 2.0 Ma for a dyke of the Premier Porphyry (Alldrick, D.J., 1985). Compositionally a rock analysis from the Premier Porphyry Dyke straddles the andesite-dacite field. Generally the Premier Porphyry is interpreted to form elliptical pipes, plugs and volcanic necks (Alldrick, D.J., 1987).

The Summit Lake granodiorite, also termed the Berendon Granodiorite, is a medium to coarse-grained hornblende granodiorite. It outcrops immediately to the north and west of Summit Lake in the vicinity of the Granduc Millsite. This intrusive, like the Premier Porphyry and Texas Creek Granodiorite, is relatively old having been dated at 192.8 +(-) 2.0 Ma (Alldrick, D.J., et.al. 1987).

Underlying the townsites of Hyder and Stewart is the Eocene aged Hyder Stock. Although predominately a coarse-grained biotite granodiorite, this stock does range in composition to a quartz monzonite. Peripheral the Hyder stock are a number of white to cream aplite dykes, plus the silver-rich galena-sphalerite veins of the Prosperity/Porter Idaho Mine (Alldrick, D.J. and Kenyon, J.M., 1984), Silverado Mine (White, W.E., 1946) and Bayview Mine (Alldrick, D.J., 1985).

Similar to the Hyder stock is the Boundary Granodiorite. This intrusive straddles the Canada - United States border southwest of the Salmon Glacier, intruding the older Texas Creek Granodiorite (Alldrick, D.J., 1985).

Three swarms of Tertiary felsic to mafic dykes cut through the Stewart District. Occupying the widest area is the Portland Canal swarm which goes past the south end of Mount Dilworth crossing the Bear River Ridge at Mount Bunting. Dykes of this swarm are found to trend east-southeast and dip steeply to the southeast. In the vicinity of Bitter Creek a number of these dykes have coalesced to form the Bitter Creek Monzonite.

2.2 STRUCTURE

Three, possibly four, phases of folding were operative from the late Jurassic through to the late Cretaceous in the Stewart area. Subsequently in the Eocene a period of extensional tectonics began which may have lasted until the Oligocene (Brown, D.A., 1987).

Generally, the fold styles in the Stewart area are disharmonic with sedimentary rocks deforming much more readily than the volcanics. In addition the folds within the volcanics tend to be larger and more structured than in the sediments.

Characterizing the first phase folds are a series of westerly plunging recumbent folds. Although relatively rare, these folds tend to be tight to isoclinal and verge to the southeast (Brown, D.A., 1987).

Associated with the second phase folds is a pronounced axial plane cleavage. A contoured plot of poles to the F1 foliation for the Big Missouri Mine area indicates an orientation of 145/55 degrees W (Galley, A.G., 1981). In addition, structures produced by second phase of folding tend to be larger and more open.

The third phase of deformation consist of a series of north to northwesterly plunging structures. The axial planes for these folds tend to be steep (Brown, D.A., 1987) and according to Galley (1981) dip at 70 degrees to the west. Possibly related to this phase of deformation is a major synclinorium which is the dominant structural feature of the Stewart District.

In addition the American Creek anticline and Mount Bunting Syncline also appear to be related to this structure (Grove, E.W., 1986).

In contrast to the third phase of deformation, the fourth phase structures are generally considered to be quite small. Over most of the Stewart District this phase of deformation is manifested by a series of east-west pencil lineations, plus small scale folds or warps (Brown, D.A., 1987). According to Galley (1981) the axial planes for these folds strike at N70E and dip at 70 degrees to the south.

Several steeply dipping easterly-striking zones of intense deformation are present. Grove (1972, 1986) termed these cataclastic zones and felt they were important in localizing many of the mineral deposits in the Stewart area. Commonly these are relatively narrow zones (less than 2m), however at the Riverside

Mine area an easterly striking mylonite zone has been documented which is over 500m in width. Textures displayed by this zone include C-S fabrics, asymmetric augen, plus broken quartz and plagioclase crystals. Also characteristic of this mylonite zone are lineations defined by the chlorite and biotite which plunge to the west at 45 degrees.

2.3 MINERAL DEPOSITS

The Stewart area has long been known as a producer of precious and base metals In very general terms, five main types of mineral deposits are present and these account for over 95% of the past production.

The first and historically most important are the quartz-carbonate vein and/or shear zones represented by Premier Silbak, SB (Tenajon Silver), Red Mountain, Johnny Mountain and Sulphurets Creek area. These deposits tend to be restricted to a 2,000m stratigraphic interval within the Unuk River and Betty Creek Formations. Typically the veins consist of quartz and are brecciated, consisting of fragments of the wallrock chalcedonic quartz and sulphides. The sulphide minerals include pyrite, sphalerite and galena, along with minor amounts of tetrahedrite, chalcopyrite, pyrrhotite and arsenopyrite. Electrum, native gold and silver are also present. In the case of the Premier Silbak orebodies, proximal to the mineralization is a silicified zone containing a potassic alteration assemblage (McDonald, D., 1987).

The next class of mineral deposit are essentially massive sulphide vein containing ore grade gold values. Scottie Gold and the Snip deposit characterize this type of deposits consisting of massive pyrrhotite and/or pyrite veins. Enveloping these veins are zones of intense chlorite and hematitic siliceous alteration (Alldrick, D.J., 1983).

Representing the third class of mineral occurrences are a series of massive galena-sphalerite-freibergite veins. These typically occupy shears and faults around the margins of the Hyder Pluton. The Prosperity and Porter - Idaho Mines represent the best examples of this type of mineralization, current reserves of which stand at 853,000 tons containing 20.0 oz/ton silver (Schroeter, T.G. and Panteleyev, A., 1986).

The fourth class of major mineral occurrence is represented by only one example, the Eskay Creek Deposit. Associated with felsic volcanics of the Mount Dilworth Formation, this deposit consists of veins and bands of sphalerite, galena,

TABLE 2 - MINES AND MAJOR PROSPECTS OF THE STEWART -ISKUT - UNUK REGION

Property	Commodity	Grade	Tonnage and Production
Stewart area			
Silbak/Premier	Au/Ag		4.7 Mt ore, 1.8 Moz Au and 41 Moz produced from 1910-1968
Big Missouri	Au/Ag		842,615t ore, 58,384 oz Au and 52,677 oz Ag produced from 1938-1942
Granduc	Cu		14.5 Mt of 1.3% Cu ore mined from 1971-1982
SB (Tenajon)	Au		308,000 t reserves of 0.51 oz/ton Au
Scottie	Au		186,680 t reserves of 0.76 oz/ton Au
Red Mountain	Au/Ag		Marc zone: 66m of drill core assaying 9.88 g/t Au 42.29 g/t Ag Willoughby zone: 20.5 m of drill core assaying 24.98 g/t Au and 184.21 g/t Ag
Anyox - Kitsault area			
Dolly Varden, Star and Torbit	Ag/Pb		19.9 Moz Ag and 5500 t Pb North produced from 1919-1959
Anyox	Cu/Au/Ag		24.7 Mt of ore grading 1.5% Cu, 0.27 oz/t Ag and 0.05 oz/t Au mined from 1914-1935
Iskut - Unuk area			
Johnny Mtn.	Au/Ag		740,000t reserves grading 0.52 oz/ton Au and 0.67 oz/t Ag
Snip	Au		1 Mt+ reserves grading 0.875 oz/ton Au
Eskay Creek	Au/Ag		4.36 Mt reserves grading 0.77 oz/t Au and 29.12 oz/t Ag
Sulphurets	Au/Ag		715,000t reserves grading 0.43 oz/t Au and 19.7 oz/t Ag

oz/t = ounces per ton   Mt = million tons
t = ton   Moz = million ounces

stibnite and arsenopyrite with minor amounts of tetrahedrite, tennatite, chalcopyrite, pyrite, electrum and native gold. Portions of this deposit such as the 21B Zone appear to be exhalitive, whereas the remainder is clearly epigenetic.

Volcanogenic massive sulphide mineralization such as what was present at the Granduc and Anyox Mines represent the fifth class of major mineral deposits. At the Granduc Mine a total of 16,725,000 tons of ore containing 1.25% Cu, and 0.23 oz/ton silver was produced, with the current reserves standing at 9.89 million tons of 1.8% copper. The deposit consists of a series of concordant lenses of massive sulphide which are contained within a cataclaste zone. Individually the ore lenses are up to tens of meters thick and consist of pyrite, chalcopyrite, pyrrhotite and magnetite with lesser amounts of sphalerite, galena, arsenopyrite, bornite and cobaltite (BCDM Mindep Files 104/B). Also thought to be stratiform are the Dolly Varden, Star and Torbit Deposits (Devlin, B.C., 1987). Overall these deposits tend to be very high in silver, averaging 10 oz/ton, but are found to contain only 0.5% lead and 0.8% lead. Barite is also present as is disseminated to massive pyrite, along with minor amounts of chalcopyrite and traces of argentite, pyragyrite and native silver (BCDM Mindep Files 103/P).

Within the immediate area of the Barite-Von claims, three main types of sulphide deposits have been recognized by Smitheringale (1976); 1) vein deposits, 2) stratibound deposits, and 3) disseminated-stringer deposits.

Representing the first style of mineralization are some Pb-Zn-Ag-(Cu) veins on the Red Top, Argenta and Grey Copper claims. Gangue minerals for these veins include quartz, calcite, barite and/or jasper. The veins can be up to 2m wide and 1,000m long, striking obliquely to the regional strike of the bedding. They are dip steeply and are restricted to the upper part of the Unuk River Formation. Grades range up to 15.9 oz/ton silver, 50% lead, 1.0% copper and 15.0% in the case of the Red Top showing (Keyte, G., 1978).

Stratiform Cu-(Zn, Pb, Ag) showings occurring in an argillite-tuff iron formation represent the second main type of mineral occurrence. Pyrite and/or pyrrhotite, chalcopyrite, sphalerite and galena are the main sulphides. Quartz (often chert), jasper, hematite, chloritic tuff or volcanic breccia and argillite form the gangue. In places the sulphides are massive to semi-masive, however, they generally occur as laminae, lenses, stringers and disseminations. Examples are the showing at the George Gold-Copper adit, the Cliff 'vein' on the New York and London claims, the Erickson 'vein' and the lower showing on the Red

Top property. Some of these showing have been described as replacement or bedded replacement deposits and others, where bedding dips steeply, have been described as veins. At the George Gold-Copper adit, Cominco has estimated that there exists in the indicated, inferred and potential ore classes, a reserve of 500,000 tons grading 2.0 to 2.9% copper, 0.05 to 0.08 oz/ton gold and 0.38 to 0.50 oz/ton silver (Deleen, J., 1990).

The third type of mineral occurrence is represented on the Enterprise, Heather and Rufus claim groups where disseminations and stringers of pyrite and chalcopyrite are present. The host rocks to these zones have been weakly to strongly altered by silicification, chloritization, pyritization or the addition of quartz veins. There are also a number of highly silicified pyritic zones that are barren of economic minerals. These showings occur both below and above the argillite-tuff-iron formation unit. Many of the gossans exposed in the cliffs in the Bear River Pass area are zones of disseminated or stringer pyrite.

3. PROPERTY GEOLOGY

The main emphasis of this past seasons fieldwork was to find new mineral occurrences through prospecting. A limited amount of geological mapping was also carried out. However this mapping was generally conducted within the immediate area of the mineral occurrences.

Previously much of the property has been mapped in a regional manner by Grove (1986) and Smitheringale (1976). On a district wide scale (1:1 000,000), Grove (1986) has provided a reasonably coherent understanding of the major units. Whereas on the scale of the Bear Pass are (1:25,000), Smitheringale (1976) has adequately defined and outlined the distribution of a more detailed stratigraphy.

3.1 STRATIGRAPHY AND LITHOLOGY

In general terms the stratigraphy of the Bear Pass area consists of a lower Jurassic sequence of tuffs, flows and sediments of the Unuk River formation which is succeeded upward by the lower members of the middle Jurassic Betty Creek formation. Intruding both the Betty Creek and Unuk River formations is a quartz monzonite stock which is likely tertiary in age. The stratigraphy is in general relatively flat - lying and dipping gently to the south on the south side of the Bear River, and moderately to the north on the north side. Consequently, the oldest stratigraphic unit appears in the bottom of the Bear River Valley.

According to the regional mapping of Smitheringale, the oldest unit on the property is a series of massive andesitic pyroclastics and volcanic flows which belong to the Unuk River formation. Also present in the vicinity of the New York showing on the south side of the Bear Valley are a series of dacites, rhyolites and tuffs, along with a limestone unit (keyte, G., 1978).

Conformably overlying this unit is a thin sequence of mixed chemical and clastic sediments consisting of argillite, tuff and a cherty iron formation. It outcrops about the 3,200 foot (975m) elevation on both sides of the Bear Valley. In thickness it varies from 6 to 30m. It can also be traced for at least 5.7km on the south side of the Bear River Valley and 2km on the north side. This unit is especially important in that it hosts all the known stratabound sulphide showings, such as the Red Top, George Copper and New York.

The uppermost member of the Unuk River Formation is a sequence of andesitic tuffs and breccias. In comparison to the lower member, this unit is also more distinctly fragmental.

Conformably overlying the Unuk River formation at approximately the 5,000 foot contour is the Betty Creek formation. The lower members of this unit consist of crystal and lithic tuffs along with minor amounts of chert and limestone. The crystal and lithic tuffs are variably red and green, and generally poorly sorted. In the area immediately to the southwest of the New York showing, a series of volcanic breccia, tuff, sandstone and siltstone are present. This unit is in general better sorted and is easily traceable (Grove, E.W., 1972).

Situated at the mouth of Cullen Creek is a small monzonite stock. It is approximately 1.0km in diameter and is likely related to the Tertiary Bitter Creek Dyke Swarm. Several other steeply dipping feldspar porphyry dykes trend west to the northwesterly across the area (Smitheringale, W.G., 1976). These are also likely Tertiary in age and possibly related to the Bitter Creek Dyke Swarm.

Based upon this past years mapping, unsorted intermediate (likely andesitic) volcanic tuffs, breccias and conglomerates predominate. In colour they are generally green, although maroon to red intervals occur. Maroon coloured clasts also occur in a number of localities. Often cobble sized clasts are present in a fine-grained tuffaceous matrix. Upward both stratigraphically and in elevation, beds of well sorted material appear. These beds are generally less than 10m thick and consist of both green and maroon coloured clasts. The appearance of these beds also appear to denote the lower members of the Betty Creek formation.

Also present in the northwestern corner of the Von-2 claim is thick (greater than 100m) unit of dacite. In appearance this unit is light gray, medium-grained with 10 - 20% phenocrysts of plagioclase. It is separated by the underlying tuff - breccia units of the Unuk River formation by a horizontal fault zone.

Regionally, most of the metamorphic grade is zeolite to lower green schist facies. However, locally, amphibolite facies is attained.

3.2 STRUCTURE

In general terms, the structure of the property is quite simple. The bedding strikes east-west or parallel to the side of the Bear Valley. On the south side of the Valley, the bedding dips gently to the south whereas on the north side it dips moderately northwards. Sharp folds have been observed in a number of places producing steep dips and strikes that diverge from the general trend (Smitheringale, W.G., 1976).

A number of faults are inferred to be present on the property. One of the more prominent ones trends northeasterly along Cullen Creek (Grove, E.W., et al, 1982). Several low angle faults were also observed in outcrop.

4. PROSPECTING

The main emphasis of this past seasons work was prospecting. When successful this was followed by detailed rock sampling on some of the more promising showings. Mineralized and/or gossanous outcrops on the property were plentiful. The ones that were sampled this past year represent only a small percentage of those that are present. However for the purpose of this past years program, a reasonable appreciation of the property has been attained.

A total of 321 rock, 31 talus fines and 6 soil were collected. In general most of the rock samples represented grab samples, however on some of the larger or more richly mineralized showings, channel samples were taken. In general the maximum width of the channel samples was 1.0m. Consequently over the wider showings a number of samples were taken. Once collected the samples were then analysed for a suite of 31 major and minor elements.

Represented by the 321 rock samples are roughly 250 mineralized showings. With the exception of roughly 10 showings, the remainder appear not to have been sampled previously, and consequently represent new discoveries. Some of the more prominent gossans appear to have been sampled roughly ten to fifteen years ago, most likely for porphyry copper mineralization. Several more recent flags were found bearing a variety of numbering schemes. However the distribution of these flags appears to be quite sporadic and likely the result of the odd day trip. As shown on Figure 4, a number of the showings occur inside of the limits of the glacier. Since the topographic features for the base maps were prepared in 1986, the glaciers must have receded a considerable distance, revealing a number of newly exposed showings.

In general terms, the mineralized showings of the Barite-Von Claim Blocks fell into 4 main classes; 1) pyrite-bearing quartz vein/stockwork systems, 2) massive pyrite veins, 3) disseminated pyrite zones and 4) galena +(-) sphalerite +(-) chalcopyrite veins.

The most prolific type of mineralization were the pyrite-bearing quartz veins. These veins range in width up to 5 meters and have been traced for at least 100m. Commonly they are brecciated with clasts composed of rock fragments and earlier formed quartz. Pyrite occurs in quantities up to 50%, however is generally in the 1 - 10% range occurring as small irregular veins or coarse clots. Tourmaline occurs in some of the larger, more intensely developed veins (BR-430). In addition, the veins in the eastern portion of the property (Von - 2, 3 and eastern Barite - 1) tend to be dark grey to almost black. This again suggests the presence of tourmaline. In terms of timing these veins predate the F1 cleavage. Over the western portion of the property, these veins consistently strike north to northwesterly (155 to 180 degrees) and dip vertically. However over the eastern section, these veins tend to be orientated more easterly at between 120 and 150 degrees. Roughly 50% of the showings sampled this past year represent this type of mineralization.

Perhaps representing a continuium of the pyrite-bearing quartz veins are the massive pyrite veins. These veins tend to be more abundant in the easternmost portion of the Von - 2 claims. These veins generally contain 50 - 80% pyrite, with the remainder being quartz. Often sericite-altered fragments of the wallrock are present. In addition, the wallrocks tend to be bleached, and possibly sericite altered for approximately 1.0m. The largest of these veins (BR-479) is approximately 7m wide. The orientation of these veins is generally north to northwesterly and steeply dipping. Roughly 20% of the showings sampled this past year represent this form of mineralization.

The disseminated pyrite zones represent the weakest form of mineralization present on the property. This type of mineralization is generally present as coarse cubes of pyrite (up to 1.0cm wide) which consistitate 1 - 3% of the rock. The zones hosting this type of mineralization are generally irregular in outline being tens of meters in width. The host rocks tend to be lighter in colour, reflecting an incipient degree of silicification and/or sericite alteration. In general this mode of mineralization tends to be most abundant in the central portion of the Barite - 2 claim. Although this form of mineralization is relatively abundant, it only represents about 15% of this years sampling.

The massive galena +(-) sphalerite +(-) chalcopyrite veins represent the mode of mineralization which produced the best assay values this past season. They have also been the focus of much of the past work on the crown granted claims presently owned by Tournigan Mining Exploration Ltd. These veins occur throughout the central and western portion of the property representing roughly 20% of the showings discovered this past year. They range from being composed of massive galena to mostly sphalerite and chalcopyrite. Gangue minerals consist of quartz, and/or calcite. In size these veins range from 5 to 35cm, and can be traced for up to 200m.

Described below are a number of the significant showings in terms of grade and size. Numerous ore grade assays were obtained from the showings discovered through the prospecting. Collelated in Appendix A is a description of the mineralization represented by the assay samples. Also plotted on Figures 5 - 10 are the results of the geochemical analyses.

4.1 SHOWING BH-1

This showing is located in the north-central portion of the Barite - 2 claim. It consists of a series of small massive galena veins (BR-459 A & B), plus several pyrite-bearing quartz veins that contain minor amounts of sphalerite (BR-461) Although sample BR-459A contained extremely high silver and lead values (51.36 oz/ton and 65.60% respectively), the vein was only 3cm wide. Sample BR-461 which contained 4.6% zinc, 2.4% lead and 4.99 oz/ton silver is more significant being 10 - 20cm wide, and is traceable for at least 50m.

4.2 SHOWING BH-2

This showing represents one of the wider pyrite-bearing quartz veins on the property. In outcrop this vein system is 2 - 3cm wide and can be traced for at least 75m. Just prior to the work carried out this past season, this outcrop had been blasted by another company. The orientation of this vein system, like many of the others in the area, is 177/90. The pyrite content averages 10%, ranging up to 25% over the central portion of the vein system. Angular clasts of altered volcanic rock, hematite, and quartz are enclosed in a matrix of quartz. The host rock is a dark green mafic to intermediate agglomerate.

Assays from this vein system were found to be anomalously high in silver (5.0 - 12.0 ppm), arsenic (195 - 505 ppm), and lead (166 1048 ppm). The iron content also ranged up to 9.41%.

4.3 SHOWING BH-3

Located in the northwestern corner of the Von-2 claim, this showing represents the widest massive pyrite vein on the property. Overall this vein averages 50% pyrite with the remainder being composed of altered fragments of volcanic rock. This vein is orientated at 155/90 with the northern end truncated by a fault trending 120/90. A series of 1.0m wide chip samples were taken across this vein. A number of the samples were anomalously high in arsenic ranging from 95 to 1405 ppm. With the exception of iron the remaining elements were in the range of background values. In width this vein is roughly 5.0m wide. It can also be traced for at least 75m to the south, over a steep cliff. Alteration consisting of bleaching, and possibly silicification envelops this vein for at least 3m.

4.4 SHOWING BH-4

This area represents one of the more intensely mineralized portions of the property. Numberous pyrite and pyrite-bearing quartz veins are present in this area. The sampling caried out to date only represents a small fraction of the mineralization that is present in this area. Most of the veins consists of pyrite with varying amounts of quartz. These veins average 20 - 30cm in width and continue for at least 50m. The attitude of these veins is generally north-south and steeply dipping. Over an area of roughly 500 by 500m these veins occur at a frequency of at least one every 10m.

Overall these veins tend to be quite elevated in silver and arsenic. Where the pyrite content is greatest, the silver values tend to be above 10.0 ppm. Samples BR-473 and 474B in particular contained 2.26 and 1.43 oz/ton silver respectively, with the iron values being 10.89 and 12.88%. In all, fifteen samples from this area contained more than 10.0 ppm silver. As for arsenic, two samples (BR-479B and 479H) exceeded 1,000 ppm with a number of the other samples exceeding 100 ppm.

4.5 SHOWING BS-1 (NOT ON MAP ??)

This showing occurs a fault zone host pyrite-bearing quartz vein located roughly in the centre of the Barite - 1 claim. The width of this vein is roughly 50cm wide and can be traced for at least 200m. In addition to quartz, pyrite and minor amounts of galena are present. The attitude of this vein is 40/30 E, although several small offshoot veins are present having steeper dips. Fault gouge is also present, generally in the hanging wall of the vein.

Several of the samples (SR - 6A, 7, and 8) contained greater than 10.0 ppm silver. In addition, two of these samples (SR - 7 and 8) contained 2,650 and 1,426 ppm lead respectively.

4.6 SHOWING BS-2

Located in the northwestern corner of the Barite - 2 Claim this area represents a series of silicified outcrops which contain minor amounts of galena, sphalerite and chalcopyrite. The samples representing this area (SR-30 to 37) come from an area of roughly 100 by 100m. Trace amounts of disseminated galena, sphalerite and chalcopyrite occur along some of the fracture surfaces. The volcanics hosting this mineralization are heavily silicified and quite rusty.

Silver values in this area range up to 1.38 oz/ton (Sample SR - 32), with the lead values ranging up to 1.52% (Sample SR - 34). Both samples SR - 32 and 34 contained anomalously high copper values at 2,172 and 1,282 ppm respectively. Zinc was also quite high in Sample SR - 32 at 4,181 ppm.

4.7 SHOWING BS-3

This area also occurs in the northwestern portion of the Barite-1 claim, on land that may belong to the Crown Grants owned by Tournigan Mining and Explorations Ltd. However these showings do occur very close to the claim boundary and the exact position of this boundary may be in doubt. An old camp along with some old trenching is present in this area. The host rock is a series of mafic to intermediate volcanics which contain small quartz veins containing malachite, sphalerite, chalcopyrite and galena. The veins vary from 5 to 10cm in width and are generally orientated at 110; dipping between 30 and 75 degrees to the south.

The assay values from these veins are quite high in silver, copper, zinc and lead. In particular, sample SR - 46 contained 40.60% lead, 4.96% zinc and 10.24 oz/ton silver. Whereas sample SR - 45 contained 2.24% lead, 4.56% zinc and 0.99 oz/ton silver.

4.8 **SHOWING MG-1**

This showing is located in the western portion of the Barite - 4 Claim. It consists of a quartz breccia shear zone which averages 1.0m in width. The strike of this vein is 96 degrees with the dip being 60 degrees to the south. In length this vein system has been traced for at least 125m and remains open. Pyrite, glaena and malachite are present in varying amounts. Some of the quartz is also vuggy. The samples representing this vein system include MR - 246, 248, 249 and 251 to 254. Four talus samples were also collected (MT 244, 245, 247 and 250) in the areas of heavier overburden.

Sample MR - 24A contained 2.00% lead and 2.35 oz/ton silver, with Sample MR - 251 containing 5.43 oz/ton silver. Arsenic was also elevated in most of the samples attaining a high of 2,050 ppm in Sample MR - 248. Overall the talus samples were reasonably low, the exception being Sample MT - 250 which contained more than 30 ppm silver and 1,035 ppm arsenic.

4.9 **SHOWING MG-2**

Situated in the eastern portion of the Barite - 4 Claim, this showing represents a series of irregular galena veins. These veins generally strike between 70/64S and 56/39S and are up to 2.0cm wide in the case of Sample MR - 222. Along strike these veins have been traced for at least 100m. Quartz and calcite are present in addition to galena.

The highest assay values were for lead and silver. In particular, Sample MR - 224 contained 36.70% lead and 5.84 oz/ton silver. The next highest was Sample MR - 222 which contained 32.50% lead and 9.32 oz/ton silver over 20cm. Other significant samples include M4 - 216, MR - 223 and MR - 226 which contained 17.90%, 22.60% and 10.40% lead respectively. Zinc was also high in all the samples ranging from 1,230 to 6,650 ppm.

4.10 **SHOWING MG-3**

Located near the centre of the Barite - 1 Claim, this showing represents a massive sphalerite - chalcopyrite - galena vein. In width this vein is up to 20cm wide and can be traced for over 80m. Like the other base metal-bearing veins, the strike of this vein is southeasterly at 134/90. Bornite is the main copper mineral, although minor amounts of chalcopyrite are also present. Galena, sphalerite and pyrite represent the remainder of the sulphide minerals.

All of the samples (MG - 270A, B, C, D and E) contained significant values in copper (2.72 to 5.84%), silver (3.48 to 7.44 oz/ton), zinc (0.41 to 15.92%), and lead (0.32 to 3.32%). Cadmium was also significantly enriched with three samples (MR - 270A, C and D) containing greater than 1,000 ppm.

5. STREAM SEDIMENT GEOCHEMISTRY

During the course of the fieldwork, a total of 52 silt samples were collected and analysed for a suite of 31 major and minor elements. These were collected from the active portions of every major drainage that was encountered. In addition, some of the major drainages were sampled at intervals of every 250m.

The purpose behind collecting the stream sediment samples was to isolate aeas of anomalous stream geochemistry whereby further work could be concentrated.

5.1 RESULTS

In general terms, the use of stream sediment sampling proved to be a useful means of isolating several areas of anomalous geochemistry. More specifically, a number of anomalous areas were outlined for lead, zinc, copper, arsenic and silver.

Overall the background values for lead, zinc, copper, arsenic and silver were in the order of 75, 125, 25, 50 and 1.0 ppm respectively. The response for gold was especially subdued ranging from 5 to a high of 20 ppb. Mo was also relatively low (1 - 4ppm) somewhat negating the possibility of locating a porphyry Cu-Mo mineralization on the property.

One of the more highly anomalous (SS - 70) was located at the eastern extremity of this years sampling. Abundant pyrite mineralization was found in this area, with the headwaters for this stream located under a large glacier. Zinc was especially anomalous at 1,431 ppm, lead, copper, arsenic and silver were also significantly anomalous attaining values of 644 ppm, 190 ppm, 110 ppm and 9.8 ppm respectively. These represent the highest values for zinc and coper, the second highest for silver and third highest for lead on the property.

The highest value for silver (21.6 ppm) came from Sample SS - 69. This sample was located in the southern portion of the Barite - 1 Claim, downslope from a number of weakly altered pyrite showings. No other elements were found to be anomalous in this sample, nor were the rock samples in this area especially high.

Another series of significant samples occurs in the northwestern corner of the Barite - 2 Claim. Here samples SS - 42 to 63 contain a number of anomalous values for silver, copper, lead, zinc and to a lesser degree, barite. In particular, sample SS - 51 contained 6.0 ppm silver, 860 ppm lead and 702 ppm zinc. The second highest values for lead and zinc and the third highest for silver. Somewhat collaborating the anomalous nature of this area are rock samples SR - 64, SR - 49, SR - 45, SR - 46 and SR - 47. These samples were all found to be anomalously high in silver, zinc, copper and lead. Overall the zinc content in the drainages represented by samples SS - 42 to 67 were above 300 ppm, and with the exception of one sample (SS - 57), all the samples were above 1.0 ppm for silver and 150 ppm for lead. These results also substantiate the anomalous values obtained in 1990 by Nicholson and Associates for samples DL - S - 1 to DL - S - 4 (Wilson, G.L., 1991a). Unfortunately the anomalous gold values obtained in samples DL - S - 3 and DL - S - 4 was not duplicated by this years sampling. Furthermore this years results suggests the northwestern corner of the Barite - 2 Claim should be looked at in detail, since these anomalous silt samples were taken upstream of the known mineralization at the BS - 2 showing.

Anomalous silver values were obtained from a number of samples in the southwestern corner of the Von - 3 Claim (samples MS - 284 to MS - 291, MS - 305). Also found to be weakly anomalous in this area were a number of the lead, zinc and arsenic values.

6. CONCLUSIONS AND RECOMMENDATIONS

There is an abundance of mineralization on these portions of the Barite 1 - 4 and Von 1 - 3 that were covered by this past seasons prospecting program. As a result of a two week prospecting program by two prospectors and a geologist, roughly 250 showings were discovered. Of these roughly 240 represent new discoveries.

The showings present on the property fall into four main categories; 1) pyrite-bearing quartz vein/stockwork systems, 2) massive pyrite veins, 3) disseminated pyrite zones and 4) base-metal veins consisting of galena +(-) sphalerite +(-) chalcopyrite. By far the most abundant are the pyrite-bearing quartz veins which may grade into massive pyrite veins. In width these veins range up to 5m and can be traced for over 100m. Consistently these veins strike south to southeasterly and are steeply dipping. Arsenic and silver are generally significantly enriched in these veins, especially those having the highest pyrite content. In appearance the quartz veins are brecciated, sometimes vuggy and are often dark-grey to black in colour. They are also very similar to other mesothermal vein systems in the Stewart District which contain appreciable gold values. The abundance of these veins is striking in that over large portions (500 by 500m) of the property these veins occur at a frequency of one every ten meters. These veins are also responsible for many of the larger gossans seen on the property.

The base metal-bearing veins (type 4), contain some very high lead, zinc, copper and silver values. Individual assays range up to 65.60% lead, 15.92% zinc, 5.84% copper and 51.36 oz/ton silver. Unfortunately the veins which host these and the other high assay values tend to be relatively narrow. To date seven distinct areas have been identified which contain these base-metal veins.

Further work is recommended on the property. Since much of the property has not been covered additional prospecting is required. In particular the western end of the Barite - 4 and the eastern portion of the Von - 2 Claims. Large gossans are visible at quite a distance on both these claims. In addition the nunataks of the Von - 3 Claim also host conspicuous gossans. The upper reaches of Cullen Creek should also be prospected since a major fault is thought to be present. The cost of this additional work should be in the order of $15,000. Trenching could also be carried out on some of the base-metal bearing veins such as the MG - 1 and MG - 2 areas. These vein systems contain very significant base metal values, and are largely covered by overburden.

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November 29, 1991.

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A P P E N D I X   A

SAMPLING AND ANALYTICAL PROCEDURES

A.1 ROCK SAMPLES

Depending upon the circumstances three different types of rock samples were collected; 1) grab, 2) chip, and 3) channel.

The use of grab samples was to achieve an approximation as to what sort of values a particular type of mineralization could produce. In general this type of sample consisted of one to ten representative pieces which totalled 0.5 to 2.0 kg in weight. Often this type of sample contained weathered surfaces which were not totally removed.

Chip samples were commonly taken across the strike of mineralized structures. Samples of this sort generally consist of at least five pieces of rock, all roughly the same size, which are representative of the interval being sampled. In addition the weathered surfaces have in most cases been removed.

The channel samples were always taken in a straight line, perpendicular to the strike of the mineralization, with each piece of rock being roughly the same size. In addition the weathered surfaces were always removed, and particular care was taken to ensure that the sampling was representative of the mineralization.

Upon collection the samples were placed in heavy plastic bags and shipped to Eco-Tech Laboratolries Ltd. of 10041 East Trans Canada Highway, Kamloops, B. C.

The samples were first crushed top 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-vegia (2 - 1 HCl - HNO3) for 2 hours at 95 degrees 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 Inductivity Coupled Argon Plasma (ICD) was used. In this procedure a 1.000 gram portion of the minus 140 mesh material is digested with aqua-vegia (3-2-1 HCl - HN03 - HF) for 2 hours at 95 degrees C and made up to a volume of 20 mls. The resulting solution was then analyzed using Inductivity Coupled Argon Plasma. Again the absolute amounts were determined by comparing the analytical results to those of prepared standards.

A number of the samples (40) produced values for Ag, Cu, Zn or Pb that were above the limits of reliability for ICP. It was decided to have these samples assayed using standard assay methods. From the minus 140 mesh material 2 grams of material was dissolved in aqua-vegia for 90 minutes at 95 degrees C. The resulting solution was then made up to a volume of 200 mls with distilled water and analyzed using atomic absorption. Background corrections were made for Ag and Pb and the analytical results were then compared to those of prepared standards for the determination of the absolute amounts.

A-2 STREAM SEDIMENT SAMPLES

Each of the stream sediment samples were collected from the active portions of the channels at a minimum of four different locations. The samples were also taken from the lower energy portions of the streams to ensure as much consistency as possible between the different samples.

Upon collection the samples were placed in high-strength Kraft paper envelopes and field dried for approximately one week. They were then sent to Eco-Tech Laboratories Ltd. of 10041 East Trans Canada Highway, Kamloops, B. C., for analysis.

At Eco-Tech Laboratories Ltd. the samples were dried overnight, then sieved to minus 80 mesh. For the gold and, ICP analysis of the major and trace elements 10.00 and 1.000 gram portions of the minus 80 mesh material was analysed in the same manner as the rock samples. For several samples there was insufficient minus 80 mesh material. In these cases minus 35 and 20 mesh size material was used.

A-3 SOIL AND TALUS SAMPLES

In a number of cases soil and/or talus samples were collected to gain an appreciation of the geochemical response upslope from some known mineralization. For the soil samples approximately 1.0 kg of fine-grained material was collected from either the B or C horizons, whereas the talus samples consisted of representative fine-grained material collected from a number of sites within a 10m area.

Upon collection the samples were placed in kraft high-strength paper envelopes and field dried for one week before being sent to Eco-Tech Laboratories of Kamloops. At Eco-Tech the samples were then prepared and analyzed in the same manner as the stream sediment samples.

A P P E N D I X   B

DESCRIPTION OF ROCK SAMPLES

SUBMITTED FOR ANALYSIS AND ASSAY

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SAMPLE	LOCATION	DESCRIPTION
91 BR-402A	Barite - 1	Chip sample of a 5 - 20cm wide quartz pyrite vein (135/90) 5 - 30% coarse-grained pyrite, minor hematite.
91 BR-402B	at 91-BR-402	Grab sample of a very dark green mafic volcanic.
91 BR-402C	15m southeast of 91 BR-402A	Grab sample of a 25 - 30cm wide quartz-pyrite vein, 30% coarse-grained clotty pyrite.
91 BR-402D	10m east of	Chip sample from a 20cm wide quartz-pyrite vein (135/90), 20% coarse-grained pyrite, clotty.
91 BR-403	Barite - 1	Grab sample of an irregular pyrite bearing silicified zone, (140/90), 1.0m wide, 1 - 5% pyrite in coarse clots.
91 BR 404	25m southeast of 91 BR-403	Grab sample of a dacite breccia, light grey-green, 50% subangular clasts of dark green mafic volcanic, jointing 135/90.
91 BR 405	Barite - 1	Grab sample of a gossan area, 4 x 5m, irregular veins and clots of pyrite (1 - 7%). Host rock is bleached and silicified, originally a dark green mafic volcanic flow.
91 BR 406	Barite - 1	Grab sample from an irregular gossan 20 x 20m) silicified mafic volcanic, 1% coarse-grained pyrite, some red hematite clots, host rock is a medium-dark green amygdaloidal mafic volcanic.
91 BR 407	25m south of 91 BR-406	Grab sample of a green mafic volcanic amygdaloidal, trace to 1% clotty pyrite, relatively unaltered.

91 BR 409	Barite - 1	Grab sample of a series of 3 - 10cm wide quartz veins parallel to the creek (154/90) over a width of 1.0m, fault zone, transcurrent movement, host rock is a mafic volcanic.
91 B4 410	Barite - 1	Grab sample of a light-green mafic volcanic, possible dyke (60/90), 2.0m wide, 2 - 4% coarse-grained disseminated pyrite.
91 BR 412	Barite - 1	Grab sample from a large zone of moderately silicified maroon mafic volcanic (20 by 30m), angular breccia clasts up to 10cm in diameter, 1 - 10% coarse pyrite cubes, zones of 10% pyrite up to 1.0 by 1.0m.
91 BR 413	Barite - 1	Grab sample from a large rusty zone (50 by 50m) which contains patches of irregular pyrite veins 2 - 3cm wide orientated at 138/90, minor alteration Fo 91/38N.
91 BR 414	Barite - 1	Grab sample from a large (60 by 60m) light brown rusty zone which contains up to 3% large pyrite cubes, host rock is a silicified (light grey) maroon mafic volcanic breccia, pyrite cubes are up to 2cm in diameter.
91 BR 415	Barite - 1	Grab sample from the same zone as 91 BR - 414, trace to 1% pyrite in coarse cubes, host rock is silicified.
91 BR 416A	Barite - 1	Chip sample over 70cm of a bleached light grey-green altered mafic volcanic, 0 to 15% pyrite, trace disseminated galena, pyrite is coarse-grained, vein orientated at 170/90.
91 BR 416B	20m below 91 BR 416A	Channel sample over 50cm, heavily silicified and bleached mafic volcanic which contains 50% coarse-grained pyrite.

91 BR 416C	Adjacent to 91 BR 416D to the the east	Channel sample 1.0m wide silicified mafic volcanic, 5 - 20% coarse-grained pyrite, mostly as irregular veins.
91 BR 416D	In between 91 BR 416A and 91 BR 416C	Channel sample 70cm wide which contains 50% pyrite mostly in veins subparallel to the jointing.
91 BR 416E	2.0m below 91 BR 416D to the south	Channel sample 1.0m wide massive pyrite with 30% silicified mafic volcanic, relict breccia clasts.
91 BR 416F	25m north of 91 BR 416A along strike	Channel sample 1.0m wide, 15 - 20% coarse-grained pyrite hosted by a silicified mafic volcanic.
91 BR 416G	Immediately to the east of 91 BR 416F	Channel sample 1.0m wide of a silicified and clay altered mafic volcanic which contains 5 - 15% pyrite.
91 BR 417	Barite - 1	Chip sample 35cm wide across a series of irregular pyrite veins orientated at 10/90, host rock is bleached.
91 BR 418	Barite - 1	Chip sample over 20cm series of pyrite veins (150/90) overall 50% pyrite, host rock is a mafic volcanic that has been silicified.
91 BR 419A	Barite - 1	Channel sample 1.0m wide of a silicified mafic volcanic, minor pyrite veins, 1 - 3cm wide, overall 2 - 3% pyrite.
91 BR 419B	Barite - 1	Channel sample of a 10cm wide pyrite vein (162/90), 90% pyrite, pronounced jointing at 138/90.
91 BR 420	Barite - 1	Chip sample from an irregular pod of massive pyrite 70cm wide, host rock is a silicified mafic volcanic breccia, green clasts up to 10cm in diameter.
91 BR 421	Barite - 1	Chip sample over a 50cm wide irregular clay altered zone, (140/90), 10% pyrite, some

		veins up to 2cm wide.
91 BR 422	Barite - 1	Chip sample 10 - 20cm wide of coarse-grained pyrite veins (175/90), 30% pyrite, host rock is a green mafic volcanic breccia which is silicified and clay altered.
91 Br 423	Barite - 1	Grab samples from a 2.0m zone of pyrite veins (1 - 4cm wide), 10% pyrite, host rock is a green mafic volcanic agglomerate (clasts rounded).
91 BR 424	Barite - 1	Grab sample from a large weakly developed gossan which contains a 5cm wide vuggy quartz vein surrounded by 50cm of altered rock containing irregular pyrite veins.
91 BR 425A	Barite - 1	Channel sample 1.0m wide of a fault zone trending 175/90, conglomerate (Fo=horz) and mafic breccia 40% fine-grained pyrite, 20% quartz, remainder clay altered rock clasts.
91 BR 425B	10m to the south along strike from 91 BR 425A	Channel sample 50cm wide, same vein system as 91 BR 425A.
91 BR 426	1.5m due west of 91 BR 425B	Grab sample of a 5cm wide pyrite vein (170/90) host rock is a mafic breccia.
91 BR 427	1.5m south of 91 BR 426	Chip sample over 40cm irregular series of pyrite veins, 10% pyrite, host rock is an altered mafic volcanic breccia.
91 BR 428	40m from 91 BR 429 on a bearing of 340 degrees	Chip sample over 50cm of a bleached mafic volcanic which contains 5% irregular clots of pyrite, minor dark green veins (chlorite).
91 BR 429	50m south of 91 BR 425B	Grab sample from a 10cm wide quartz-pyrite vein (160/90), 50% pyrite, remainder clay altered mafic volcanic clasts.

91 BR 430	25cm from 91 BR 429 on a bearing of 300 degrees	Grab sample from a large pyrite bearing zone (15m wide) which contains 10% pyrite overall, central zone (20cm) bearing 160/90 contains 90% quartz, 7% pyrite and 3% tourmaline.
91 BR 431A	Barite - 1	Chip sample over a 1.0m area of relatively unaltered mafic volcanic with 1 - 3% pyrite in irregular veins.
91 BR 431B	10m due west of 91 BR 431A	Chip sample over a 1 by 0.5m area of a quartz-pyrite vein system with altered mafic volcanic 10% pyrite.
91 BR 432	Barite - 1	Chip sample from a 50cm wide quartz-pyrite vein (170/90), 35% pyrite, 5% red hematite, host rock is a mafic volcanic breccia.
91 BR 433	Barite - 1	Chip sample from a 50cm wide quartz-pyrite vein (160/90), 25% coarse-grained pyrite, host rock is a sericite altered mafic volcanic breccia, subrounded clasts up to 10cm wide.
91 BR 434	Barite - 1	Chip sample from a 50cm wide quartz-pyrite vein system (111185/90), 40% coarse-grained pyrite.
91 BR 435	at 91 MR 207	Large quartz-pyrite vein system 3m wide, recently blasted, (177/90) host rock is a green mafic volcanic breccia.
91 BR 435A	west side of vein	Chip sample 50cm wide, 5 - 10% pyrite clotty and disseminated, increasing to 20% towards 91 BR 435B.
91 BR 435B	immediately to the east of 91 BR 435A	Chip sample 50cm wide, 25% pyrite disseminated and clotty, remainder quartz, note some quartz clasts which have been brecciated.
91 BR 435C	immediately to the east of	Chip sample 50cm wide, same as 91 BR 435B.

	91 BR 435B	
91 BR 435D	immediately to the east of 91 BR 435C	Chip sample 50cm wide, same as 91 BR 435B.
91 BR 435E	immediately to the east of 91 BR 435D	Chip sample 50cm wide, same as 91 BR 435B.
91 BR 436	Barite - 1	Chip sample 50cm wide over a quartz-pyrite vein system, 25% pyrite mostly disseminated.
91 BR 437	25cm from 91 BR-436 on a bearing of 63 degrees	Channel sample, 20cm wide of a quartz-pyrite vein (70/65E), 25% clotty pyrite, remainder quartz.
91 BR 438	35m due south of 91 BR 437	Chip sample 50cm wide over a vuggy quartz vein system (100/90), host rock is a green mafic volcanic breccia.
91 BR 439	10m due south of 91 BR 438	Grab sample of a series of irregular quartz-pyrite veins hosted by a mafic volcanic breccia, green, clasts 5 -10cm.
91 BR 440	Barite 1	Large old trench, 5m long, red spray paint.
91 BR 440A	Centre of trench	Channel sample 50cm wide, moderately silicified, 5% pyrite concentrated in subparallel veins (150/785) generally the pyrite veins are 1 - 3cm wide.
91 BR 440B	immediately to the north of 91 BR 440A	Channel sample 70cm wide, several 10cm wide quartz-pyrite veins, remainder an altered coarse-grained mafic volcanic breccia, vein orientated at 165/80E.
91 BR 440C	immediately to the north of 91 BR 440B	Channel sample 1.0m wide, dominately brecciated quartz, 5% clotty pyrite.
91 BR 441	Barite - 1	Grab sample from 20cm wide quartz vein which contains 5% clotty pyrite.

91 BR 442	Barite - 1	Grab sample from a green mafic volcanic, which contains irregular zones containing 2 - 7% pyrite veins, enveloped by altered mafic volcanic.
91 BR 443	Barite - 1	Grab sample from a 10 to 20cm wide quartz-pyrite vein, hosted by a green mafic volcanic breccia.
91 BR 444	Barite - 1	Grab sample of a mafic volcanic breccia which is cross-cut by a series of irregular pyrite veins and large pyrite clots, minor clay alteration.
91 BR 445A	Barite - 1	Grab sample from an irregular quartz vein syste, rusty boxwork, 10cm wide, host rock is a clay altered mafic volcanic breccia, clast colmposition monolithic.
91 BR 445B	Barite - 1	Chip sample from a 20cm wide quartz-pyrite vein or pod, 1 - 3% pyrite, quartz vein stockwork.
91 BR 446	Barite - 1	Chip sample across a 30cm wide quartz-pyrite-hematite pod or vein, 20% clotty pyrite.
91 BR 447	Barite - 1	Chip sample from a 15cm wide quartz-pyrite vein (65/44SE), 10% clotty pyrite, host rock is a green mafic, volcanic breccia, monolithic which has been altered for 20cm.
91 BR 448	Barite - 1	Large area 25 by 30cm of light brown gossan, heavily silicified, numerous quartz veins 1 - 3cm wide boxworks suggesting the presence of pyrite cubes, grab sample.
91 BR 449	25m west of 91 BR 448	Grab sample of a silicified mafic volcanic breccia, 5% clotty pyrite gossan covers a 10 by 10m area.

91 BR 450	30m due west of 91 BR 442	Grab sample from a silicified zone containing 5% clotty pyrite.
91 BR 451	20m from 91 BR 450 on a bearing 305 degrees	Chip sample from a 20cm wide pyrite zone (7% clotty pyrite) orientated at 71/545, host rock is a mafic volcanic, relatively unaltered.
91 BR 452	Barite - 1, 15m southeast of 91 BR 451	Grab sample of a 30cm wide quartz-pyrite vein, 5 - 10% clotty and veined pyrite.
91 BR 453	Barite - 1, 35m southeast of 91 BR 452	Grab sample from a silicified mafic volcanic, 1 - 2% clotty pyrite pyrite, 1% sphalerite along fracture planes also.
91 BR 454	Barite - 1	Grab sample of a 4cm wide pyrite vein (58/90), 60% pyrite remainder quartz and clay alteration minerals.
91 BR 455	Barite - 1	Chip sample 20cm wide across a pyrite vein (40% coarse-grained pyrite) orientated at 165/90, enclosed by clay alteration minerals.
91 BR 456	Barite - 1	Chip sample from an irregular pyrite-quartz zone 1.0m wide (130/90) brecciated host rock a mafic volcanic flow.
91 BR 457A	Barite - 1	Grab sample from a small pyrite bearing zone, 2 - 3% pyrite disseminated and in veins, minor malachite and azurite staining on the fractures.
91 BR 457B	Barite - 1, 10m along strike from 91 BR 457A	Grab sample from a small shar zone 10cm wide (119/525), 10% pyrite.
91 BR 458	Barite - 2	Large light brown gossan 25m wide, which contains a 2cm wide pyrite vein (88/33N) surrounded by a 1.0m wide silicified zone which contains trace to 1% sphalerite along the fracture surfaces.

91 BR 459A	Barite - 2, 25m downhill of 91 BR 458	Grab sample of a galena vein 3cm wide, upper vein (170/90).
91 BR 459B	Barite - 2, immediately below 91 BR 459A	Chip sample 20cm wide of two small galena-calcite veins (170/90) which are separated by 15cm.
91 BR 460	Barite - 2	Grab sample from a 20cm wide pyrite vein (94/90), 30% pyrite hosted by a silicified and brecciated mafic volcanic.
91 BR 461	Barite - 2	Grab sample from a 10 to 20cm wide shear zone (90/88S) consisting of brecciated rock fragments with 5% sphalerite and 5% pyrite which are generally concentrated along the fracture surfaces, host rock is a mafic volcanic breccia, green.
91 BR 462	Barite - 2	Grab sample from a 10cm wide quartz-pyrite vein (43/90) hosted by a heavily silicified mafic volcanic breccia.
91 BR 463	Barite - 1	Talus grab sample of a silicified mafic volcanic breccia, 1 - 3% pyrite present in irregular clots and veins.
91 BR 464	Von - 2	Large quartz-pyrite zone (145/90) quartz generally black, host rock is a dacite, light-grey with 2% hornblende laths, quartz-pyrite zone is 2-1/2m wide.
91 BR 464A	Von - 2	Chip sample 50cm wide, dark-grey quartz, possibly a silicified dacite, 1-7% coarse disseminated pyrite.
91 BR 464B	immediately to the south of 91 BR 464A	Chip sample 50cm wide, same as 90 BR 464A.
91 BR 464C	immediately to the north of 91 BR 464A	Chip sample 70cm wide, same as 91 BR 464A.

91 BR 464D	Von - 2	Chip sample 1.0m wide, light to medium grey, 1 - 3% disseminated pyrite.
91 B 465	Von - 2	Series of pyrite-quartz veins within a dacite, pyrite veins 1-5cm wide, silicified dacite 50cm on either side, zone is approximately 25m wide, orientated at 145/90.
91 BR 465A	Von - 2	Chip sample 25cm wide of a 10cm wide pyrite vein, remainder silicified dark grey dacite.
91 BR 465B	5m to the north of 91 BR 465A	Chip sample 25cm wide, same as 91 BR 465A.
91 BR 465C	10m north of 91 BR 465B	Chip sample 50cm wide, 1 - 3% pyrite in veins, remainder silicified dacite.
91 BR 465D	adjacent to 91 BR 465C	Chip sample 70cm wide, over a series of irregular pyrite veins, 5% pyrite.
91 BR 465E	2m to the north of 91 BR 465D	Chip sample, 50cm wide, same as 91 BR 464D.
91 B 466	Von - 2	Series of quartz-pyrite veins 1 to 5cm wide, orientated at 162/50NE, host rock is a dacite.
91 BR 466A	Von - 2	Chip sample over 20cm, 3 - 10% coarse-grained clotty pyrite.
91 BR 466B	12m north of 91 BR 466A	Grab sample, same as 91 BR 466A.
91 BR 467	Von - 2	Series of quartz-pyrite veins hosted by a dacite.
91 BR 467A	Von - 2	Chip sample 20cm wide, quartz-pyrite vein, 10% pyrite.
91 BR 467B	15m west of 91 BR 467A	Chip sample 30cm wide, across a quartz-pyrite vein (0/40E), 7% pyrite.
91 BR 468	Von - 2	Chip sample 50cm wide of a q.0m wide silicified andesite with 5% irregular pyrite veins and clots, numerous calcite veins

		in vicinity.
91 BR 469	20m west of 91 BR 468	Grab sample of a 20 - 40cm wide quartz-calcite vein (167/87E) containing 5% clotty pyrite, white staining present on rocks.
91 BR 470	15m east of 91 BR 469	Grab sample of a 10cm wide quartz-calcite-pyrite vein, some brecciated clasts of mafic volcanic, 15% pyrite overall, but up to 50% in small intervals, vein orientated at 62/80N.
91 BR 471	Von - 2	Mafic volcanic which contains a series of irregular quartz-pyrite veins over an area of 25 by 25m, general trend of veins 160/90.
91 BR 471A	Von - 2	Chip sample over 30cm, 10% pyrite as irregular veins, 2 - 5cm wide.
91 BR 471B	5m to the east of 91 BR 471A	Chip sample, 30cm wide, same as 91 BR 471A.
91 BR 472	10m east of 91 BR 471	Chip sample over a 10cm wide quartz-calcite-pyrite vein which appears to occupy a fault zone (50/50SE), 10% fine grained pyrite, 60% quartz and 30% calcite.
91 B 473	Von - 2	Very extensive gossan 75 by 100m, numerous quartz-pyrite veins, host rock is mafic volcanic.
91 BR 473A	Von - 2	Chip sample 40cm wide of a quartz-pyrite vein system, 10% pyrite, some of the quartz is ribboned.
91 BR 473B	3m north of 91 BR 473A	Chip sample 50cm wide, silicified mafic volcanic, 5% coarse-grained pyrite, 25% quartz veins.
91 BR 473C	at 91 BR 473A	Chip sample 40cm wide, two quartz-pyrite veins, 10 - 20cm wide, 50% pyrite.

91 BR 473D	Von - 2	Chip sample 50cm wide over a series of quartz veins which contain 1 - 4% pyrite, clotty.
91 BR 473E	10m north of 91 BR 473A	Chip sample 40cm wide, quartz-pyrite vein syste, 10% pyrite.
91 BR 473F	15m due north of 91 BR 473C	Chip sample 50cm wide quartz veins containing 30% fine-grained pyrite.
91 BR 473G	15m west of 91 BR 473F	Chip sample 1.0m wide across a pyrite-quartz vein system, 25% fine-grained pyrite in veins.
91 BR 473H	5m north of 91 BR 473G	Chip sample 60cm wide over a quartz-pyrite vein.
91 BR 473I	20m east of 91 BR 473H	Chip sample 1.0m wide over a quartz-pyrite vein, 50% pyrite.
91 B 474	Von - 2	Abundant quartz-pyrite veins, pyrite vein roughly every meter.
91 BR 474A	Von - 2	Chip sample 50cm wide across a pyrite-quartz vein system, 1 - 3% pyrite, enclosing volcanics have been silicified.
91 BR 474B	15m southeast of 91 BR 474A	Chip sample 20cm wide, massive pyrite vein (30/70E), 80% pyrite.
91 BR 474C	15m north of 91 BR 474A	Chip sample 40cm wide, quartz-pyrite vein (15/90), 40% pyrite, along strike from 91 BR 474D.
91 BR 474D	20m north of 91 BR 474B	Chip sample 30cm wide, quartz-pyrite vein, 35% pyrite.
91 BR 474E	40m southwest of 91 BR 474A	Chip sample 10cm wide, quartz-pyrite vein, old white spray paint present.
91 BR 474F	20m northwest of 91 BR 474A	Chip sample 20cm wide, over a quartz-pyrite vein (145/90).
91 BR 474G	30m northeast of 91 BR 474A	Chip sample 30cm wide, quartz-pyrite vein, 40% pyrite.
91 BR 474H	30m north of	Grab sample from an area of

		intense quartz-calcite veining, ribboned.
91 B 475	Von - 2	Rusty outcrop, 10 by 10m, host rock is a dacite, plagioclase phenocrysts.
91 BR 475A		Chip sample over 30cm, quartz-pyrite stockwork, 5% irregular pyrite veins, 1 - 2m wide, host rock is a silicified dacite.
91 BR 475B	7m west of 91 BR 475A	Chip sample 30cm wide, 5% irregular pyrite veins, remainder silicified dacite.
91 BR 476	Von - 2	Grab sample from a gossan 10 by 10m, silicified dacite, containing 5 - 7% irregular pyrite veins.
91 BR 477	Von - 2	Grab sample from a series of quartz-pyrite veins, 1 - 4cm wide over a 2 by 5m area, 10% pyrite veins.
91 BR 478	Von - 2	Grab sample from a small gossan (2 x 4m), 3% pyrite veins.
91 B 479	Von - 2	Large vein of massive pyrite-quartz 6.0m wide (155/90) north end appears to be truncated by a fault (120/90), previously sampled as #4523 and #4522, host rock is a silicified dacite, pyrite veins generally 1 - 4cm wide, brecciated silicified dacite clasts also present.
91 BR 479A	north end of vein system	Chip sample 1.0m wide, 1 - 5% pyrite in veins generally trending at 170/90, somewhat irregular.
91 BR 479B	1.0m south of 91 BR 479A	Chip sample 1.0m wide, same as 91 BR 479A.
91 BR 479C	1.0m south of 91 BR 479B	Chip sample 1.0m wide, same as 91 BR 479A.
91 BR 479D	1.0m south of 91 BR 479C	Chip sample 1.0m wide, same as 91 BR 479A.

91 BR 479E	1.0m south of 91 BR 479D	Chip sample 1.0m wide, same as 91 BR 479A.
91 BR 479F	1.0m south of 91 BR 479E	Chip sample 1.0m wide, same as 91 BR 479A.
91 BR 479G	1.0m south of 91 BR 479F	Chip sample 1.0m wide, same as 91 BR 479A.
91 BR 479H	10m east of 91 BR 479G	Grab sample of a massive pyrite vein 30cm wide, 80% pyrite.
91 BR 480	Von - 2	Chip sample 50cm wide, of a silicified dacite, 1 - 5% pyrite in irregular veins (143/90).
91 BR 481	Von - 2	Chip sample 40cm wide of a series of irregular pyrite veins hosted by a silicified dacite, 2 - 4% pyrite.
91 BR 482	Von - 2	Grab sample from a 30 x 30m gossan consisting of silicified dacite, 2 - 4% pyrite veins 2-4cm wide.
91 BR 483	Von - 2	Chip sample 1.0m wide from a large area of silicified dacite (40 x 40m), 1 - 3% pyrite.
91 B 484	Von - 2	Large area of silicified dacite at least 30m wide, 1 - 7% pyrite veins 1 - 4cm wide.
91 BR 484A		Grab sample random quartz-pyrite veins 1 - 3% pyrite in veins 1 - 2cm wide.
91 BR 484B		Chip sample 1.0m wide of a silicified dacite which contains 2 - 5% pyrite.
91 BR 485	Von - 2	Chip sample 30cm wide of a silicified dacite which contains 3 - 5% fine-grained pyrite in veins.
91 BR 486	Von - 2	Chip sample 30cm wide of a silicified dacite which contains 1 - 3% pyrite veins.
91 BR 487	Von - 2	Chip sample 35cm wide over a quartz-pyrite stockwork zone

		which contains 10 - 15% pyrite.
91 BR 488	Von - 2	Intense zone of silicified and pyritized dacite.
91 BR 488A	Von - 2	Chip sample 1.0m wide which contains 15 - 20% pyrite veins and 35% quartz veins hosted by a structure trending 170/90.
91 BR 488B	15m north of 91 BR 488A	Chip sample 1.0m wide, same a 91 BR 488A.
91 BR 489	Von - 2	Grab sample from an area of abundant massive pyrite boulders, most intense development of pyrite seen to date.
91 BR 491	Von - 2	Grab sample from a silicified and pyritized dacite, 1 - 2% pyrite.
91 BR 492	Von - 2	Large gossan 25m wide, intense zone of black quartz (possible tourmaline), 1 - 3% pyrite, disseminated and in veins, host rock is a mafic volcanic likely a breccia.
91 BR 492A	Von - 2	Chip sample 30cm wide, silicified mafic breccia, black, 1 - 3% pyrite.
91 BR 492B	3m east of 91 BR 492B	Chip sample 40cm wide, black silicified mafic volcanic, 5 - 7% veined and disseminated pyrite.
91 BR 492C	4m east of 912 BR 492A	Chip sample 40cm wide, same as 91 BR 492B.
91 BR 493	Von - 2	Chip sample 20cm wide, black silicified mafic volcanic 4 - 8% coarse-grained pyrite, clotty.
91 BR 494	Von - 2	Chip sample 10cm wide, coarse-grained pyrite vein (135/90), 40% pyrite, host rock is a silicified mafic volcanic breccia.
91 BR 495	Von - 2	Grab sample from a quartz-

		pyrite vein 20cm wide, host rock is a mafic volcanic breccia.
91 BR 496	Von - 2	Grab sample from a series of coarse-grained pyrite veins (150/65W), host rock is a silicified mafic breccia.
91 BR 497	Barite - 1	Grab sample from a collection of float, dominately silicified dacite, 1 - 3% pyrite, mostly disseminated.
91 BR 498	Barite - 1	Chip sample 30cm wide of a silicified dacite, trace pyrite, dark grey to black host, protolith a mafic volcanic breccia, area of gossan 20 by 20m.
91 BR 499	Barite - 1	Chip sample 20cm wide, dark grey to black silicified dacite, trace disseminated pyrite, gossan area 4 x 5m.
91 B 500	Barite - 1	Large area of silicified dacite 30m wide, trending 120 degrees.
91 BR 500A	Barite - 1	Chip sample 30cm wide, black silicified dacite 3 - 7% pyrite in irregular veins.
91 BR 500B	5m west of 91 BR 500A	Chip sample 1.0m wide, silicified dacite, black to dark grey, 1 - 4% clotty and disseminated pyrite.
91 BR 500C	15m east of 91 BR 500B	Chip sample 1.0m wide of a silicified dacite, trace pyrite.
91 BR 501	Barite - 1	Chip sample 35cm wide of a silicified zone containing 5 - 10% pyrite veins trending 120/90, silicified zone is roughly 3m wide.
91 BR 502	Barite - 1	Grab sample of a silicified dacite which contains an irregular zone of 1.0cm wide pyrite veins.
91 MR 200	Barite - 1	Local float, rusty hematite

		barric breccia maroon tuff.
91 MR 207	Barite - 1	2m wide, quartz pyrite, 5-20% pyrite cherty breccia and a host of conglomerate.
91 MR 209	Barite - 1	1m wide, altered rhyolite breccia weathered sulphides, heavy rusting, same location as Chip 24307, 24308.
91 MR 210	Barite - 1	1/2m wide chip sample across width, rusty breccia fault gouge weathered sulphides, pyrite 0 - 2%, same location as Chip 24306.
91 MR 212	Barite - 4	Random grab across face, 15 - 30cm wide face quartz vein 236/34N, 5-15% pyrite, 2% chalcopyrite, heavy hematite influence, host light-green tuff and maroon tuff.
91 MR 214	Barite - 4	Random grab, quartz rhyolite breccia, weathered pyrite, sample taken from same location as 24303.
91 MR 216	Barite - 4	6 - 15cm wide random grab, galena for 10m exposed quartz, massive galena hematite 236/39S, 90-100% massive galena, host altered mafic tuff.
91 MR 221	Barite 1 & 4 border	30cm wide chip across face of vein, quartz vein, 250/64S, 0 - 5% pyrite, 0 - 2% chalcopyrite, 2% hematite, heavy epithermal action in vein, very vuggy.
91 MR 222	Barite - 4	Chip sample across face of 7 - 15cm wide quartz galena vein, 236/39S, 90 - 100% galena, same location as MR 216.
91 MR 223	Barite - 4	Chip sample across 15cm face, quartz galena vein, 236/39S, 90 - 100% galena, 5m west of MR 222, same vicinity.
91 MR 224	Barite - 4	Chip sample across 2m wide face, quartz galena, same

		strike dip, 90 - 100% galena, 2m west of MR 223, same vicinity.
91 MR 225	Barite - 4	Random grab across 15cm wide face, quartz-pyrite 0 - 2%, chalcopyrite 0 - 4%, galena 5%. Sample taken 1m west along strike of same vein, 236/39.
91 MR 226	Barite - 4	Random grab across face 15cm wide. quartz-pyrite-galena, 2m west of MR 225, heavy shear action quartz is infilling shear zones running in all directions.
91 MR 227	Barite - 4	Random grab, 7cm wide, massive pyrite, 90 - 100% coarse-grained shear zone infilled by quartz breccia, 154/80.
91 MR 228	Barite - 4	Random grab across 35cm wide face, quartz, barite, galena, pyrite, chalcopyrite, breccia shear zone 154/80, host rock conglomerate.
91 MR 229	Barite - 4	Random grab 5m along strike of same vein/shear pyrite 0-2%, chalcopyrite 0-2%, barite 0-2%.
91 MR 232	Barite - 4	Random grab across face of 2m wide shear zone 360/152, quartz-pyrite 5-10%, barite 2%, galena 2%. Large shear zone of very altered tuff breccia, heavy limonite, also took talus fines MT230; 231, same location.
91 MR 236	Barite - 1	Random grab across face of 2m wide shear zone, samples taken at lower end of shear, MT 230, 231, MR 232, quartz-barite 5%, pyrite 25%, galena 2%, chalcopyrite 2%, also took talus fine MT 234-235 in this location, host highly altered green tuff.
91 MR 240	Barite - 4	Random grab across width of vein/shear 35 - 70cm wide, in this sample area vein is about

		30cm wide, 290/84. Quartz-pyrite 15%, arsenopyrite 1%, hemaite 5%, heavy shearing in this area, also same location as MT 241.
91 MR 243	Barite - 4	Felsic dyke system 30cm wide, 136/86. Pyrite 5%, very rusty, also same location as MT 242.
91 MR 246	Barite - 4	Random grab of shear zone 3m wide, pyrite 5%, heavy limonite and rusting, also location of MT 244 - 245.
91 MR 248	Barite - 4	1m wide random grab across shear zone, pyrite 15%, malachite 5%, galena 2%; quartz altered shear zone, host altered mafic tuff, also location of MT 247.
91 MR 249	Barite - 4	Random grab of quartz shear, 276/60, 2m wide, mostly covered in broken rock; quartz-pyrite 20%, malachite 15%, galena 20%. This shear is very extensive, samples along strike for 125m. Host is fine-grained mafic tuff, same location as MT 250.
91 MR 251	Barite - 4	2 - 3m wide shear zone 276/60, quartz infill, random grab, pyrite 20%, malachite 10%, galena 10%, sample 2m west of 249, mt 250.
91 MR 252	Barite - 4	1m wide exposed 25m along strike of some shear, random grab, galena 5%, pyrite 10%, malachite 3%, quartz 50%, host altered greenish-white tuff.
91 MR 253	Barite - 4	1-1/2m wide very altered vuggy quartz shear, sample taken 20m along strike of shear zone, pyrite 10%, malachite 5%, quartz very rotten limonite texture.
91 MR 254	Barite - 4	Quartz shear zone 1-1/2m wide, sample is random grab along 2m length of same shear zone as samples 248 - 254. This shear

		is 125m long at this location from first sample. Visible evidence of continuous strike length is apparent. Very vuggy. Galena 5%, pyrite 20%, malachite 5%.
91 MR 258	Barite - 1	Grab sample from a shear zone infilled with chert, quartz, minor pyrite pods and veins.
91 MR 260	Barite - 1	1/2m wide shear zone random grab across width, quartz altered shear, 30% pyrite.
91 MR 266	Barite - 1	10 - 20 in. wide quartz altered chert, 278/58, chip sample across face width, blocky cubes of pyrite 20%, fine disseminated pyrite 10%.
91 MR 267	Barite - 1	Grab sample from a large quartz vein, 30 - 60cm wide, 30% pyrite in blocky cubes and as fine disseminations.
91 MR 269	Barite - 1	1/2m wide quartz altered chert 270/40, sample taken across face width, pyrite 30%, chalcopyrite 2%, galena 2%.
91 MR 270A	Barite - 1	7 - 15cm wide vein, 314/90, chip across face, chalcopyrite 10%, pyrite 30%, sphalerite 20%, galena 10%, quartz remainder.
91 MR 270B		25cm wide vein, 314/90, chalcopyrite 30%, galena 10%, sphalerite 20%, pyrite 10%.
91 MR 270C	Barite - 1	15cm wide vein 314/90, pyrite 20%, galena 10%, sphalerite 30%, quartz ship across width of vein.
91 MR 270D	Barite - 1	15cm wide vein 314/90, chip across face width, sphalorite 50%, pyrite 10%, chalcopyrite 20%.
91 MR 270E	Barite - 1	15cm wide vein same strike, chip across face width, sphalorite 70%, pyrite 10%,

		chalcopyrite 2%.
91 MR 271	Barite - 1	35cm wide shear zone 270/50, sample across face, pyrite 10%, galena 2%, chalcopyrite 2%.
91 MR 278	Barite - 1	10cm wide shear zone 272/58, chip across face, pyrite 5%, galena 2%, chalcopyrite 2%.
91 MR 283	Von - 3	Large shear zone 1-1/2m wide, 54/72, chip across face, pyrite 20%, chalcopyrite 2%, vuggy quartz.
91 MR 287	Von - 3	Large shear 1-1/2m wide sample, chip across width 15m down slope of MR 283, pyrite 10%, chalcopyrite 5%, quartz vuggy.
91 MR 288	Von - 3	Shear zone 1m wide sample, chip across width 5m down slope from MR 287, pyrite 5%, chalcopyrite 2%, vuggy quartz.
91 MR 289	Von - 2	Quartz tourmaline possible altered sediments, pyrite 5%, chalcopyrite 0 - 1%.
91 MR 290	Von - 2	Quartz flow very vuggy, random grab, pyrite 0 - 5%, host siliceous cherty matrix.
91 MR 292	Von - 2	Large gossan, pyrite 15-20%, host dacite matrix, also plagioclase feldspar.
91 MR 294	Von - 2	Flat lying shear or fault 1m wide, random grab, pyrite 20%, host very felsic, dacite altered.
91 MR 295	Von - 2	Small gossan, very felsic dacite, pyrite 3%.
91 MR 296	Von - 2	Ferracite zone, very rusty, heavy iron staining.
91 MR 297	Von - 2	Large gossan, heavy staining, dacite porphyry host, pyrite 0 - 5%.
91 MR 300	Von - 2	Large outcrop quartz and possible tourmaline influence,

		blocky pyrite 0 - 2%.
91 MR 301	Von - 2	Dacite porphyry, plagioclase feldspar clasts, minor pyrite 0 - 2%.
91 MR 302	Von - 3	Large amount of maroon tuff, very rusted surface, pyrite and plagioclase feldspar.
91 MR 303	Von - 3	Large outcrop of dacite porphyry, pyrite 10 - 20% throughout most of outcrop.
91 MR 304	Von - 3	Large outcrop of dacite porphyry, very rusted surface, random grab, pyrite 10 - 20%.
91 MR 306	Von - 3	Random grab of large outcrop of dacite porphyry, pyrite 0 - 10%.
91 MR 313	Von - 3	Random grab of local float at base of very steep outcrop, pyrite 0 - 10%.
91 MR 314	Von - 2	Quartz altered sediments, possible tourmaline influence, pyrite 0 - 5%.
91 MR 315	Von - 2	Chip sample, vuggy quartz, possible tourmaline influence on altered siltstone, pyrite 0 - 5%.
91 MR 316	Von - 2	Massive pyrite vein 147/70, 6cm wide host altered siltstone, pyrite 100%.
91 MR 317	Von - 2	Massive pyrite vein 12 - 15cm wide chip across width, 170/68, pyrite 100%, host altered siltstone.
91 MR 318A	Barite - 1	Shear zone 15 - 30cm wide, 50/68E, pyrite 10 - 20%, also quartz infilling.
91 MR 318B	Barite - 1	Shear zone 15 - 24cm chip across face, pyrite 10%, altered siltstone host.
91 MR 319	Barite - 1	Pyrite vein, possible quartz tourmaline influence, pyrite 0

		- 5%.
91 MR 325	Barite - 1	Pyrite, quartz tourmaline altered outcrop, heavy surface staining, pyrite 0 -10%.
91 MR 326	Barite - 1	Same location as above.
91 MR 327	Barite - 1	Shear zone 33cm wide, same shear as 318A - 318B, very vuggy, pyrite 0 - 5%, altered siltstone host.
91 SR 1	Barite - 1	Grab sample of pyritic quartz vein, varying from 0-5cm in width, 5/90 discontinuous strike, S = 75% poddy pyrite. Host rock fine grain, dark green mafic volcanic.
91 SR 2	Barite - 1	Grab sample 10cm wide sulphide lens 130/80W. S = 75% pyrite. Host rock fine grain, dark green mafic volcanic.
91 SR 3	Barite - 1	Grab sample 25cm wide sulphide pod. 170/20W varying and shallow dip. S = 95% pyrite. Host rock fine grain felsic volcanic.
91 SR 4	Barite - 1, same location as 91 SR 3	Grab sample 4cm wide quartz vein. 130/20W varying and discontinuous. S = <5%. Host rock fine grain felsic volcanic.
91 SR 5	Barite - 1	Grab sample of predominate vein structure approximately .3m wide. 40/30SE. S = <1% chalcopyrite/sphalerite, predominately along fracture planes infused with quartz. Host rock mafic volcanic.
91 SR 6A	Barite - 1 25m from SR 5 on bearing of 220 degrees along same fault plane	Grab sample 5 - 10cm wide from off shoot vein, 140/82SW, S = 10% coarse-grained clotty pyrite, silicified and clay altered.
91 SR 6B	Barite - 1	Grab sample of same vein structure as SR 5, pyrite/quartz vein 20 - 30cm

		wide, 40/30SE.
91 SR 7	Barite - 1 25m on bearing of 220 degrees from SR 6B	Grab sample, same vein structure as SR 5/SR 6B. Visible galena <1%. Host rock mafic volcanic breccia, monolithic dark green clusters up to 1.0cm in diameter.
91 SR 7A	Barite - 1	Chip sample over 50cm, massive pyrite, S = 50-60% pyrite, trace galena, remainder quartz. Pyrite is coarse-grained and clotty.
91 SR 7B	Barite - 1	Chip sample of footwall, 40cm wide, S = 1 - 3% disseminated pyrite. Predominately gouge material and altered mafic volcanics.
91 SR 8	Barite - 1 25m from 91 SR 7 along vein structure	Grab sample of 10cm wide offshoot vein, 82/52S, S = 50-60%, remainder quartz.
91 SR 9	Barite - 1	Grab sample 20cm wide vein, structure 75/55S. S = <5% quartz/clay altered, minor hematite staining.
91 SR 9A	Barite - 1	Grab sample of hanging wall above 91 SR 9. S = 1-2% pyrite, fine-grained dark-green mafic volcanic.
91 SR 9B	Barite - 1	Grab sample same vein structure as SR 9, 1m at 75 degrees from SR 9, 75/55S. S = 5%, less clay alteration than SR 9.
91 SR 10	Barite - 1	Grab sample 5cm wide pyrite pod, 140 degrees W discontinuous pyrite pod. S = 75% massive pyrite, quartz altered host rock dark-green mafic volcanic.
91 SR 11	Barite - 1	Float semi-rounded quartz vein up to 10cm wide. S = <1% pyrite and up to 5% galena. Heavily oxidized exterior, minor hematite staining.

91 SR 12	Barite - 1	Grab sample of 10 - 20cm pyrite vein, 160 degrees/vertical varying. S = 5-10% heavily iron stained host rock fine-grained dark-green mafic volcanic.
91 SR 13	Barite - 1	Float, very coarse with origin probably local but not located. S = <1% finely disseminated pyrite, minor chalcopyrite, quartz veinlets less than 1cm wide with associated pyrite. Host rock, medium grained felsic volcanic.
91 SR 14	Barite - 1	Grab sample representative of fine grained felsic volcanic. Moderately iron stained on surface. S = <5% pyrite - galena. Quartz veinlets <.5cm wide.
91 SR 15	Barite - 1	Representative grab sample heavily fractured mafic volcanic (faulted?) 10 degrees strike. S = <1% pyrite, heavy manganese/iron staining.
91 SR 15A	Barite - 1 5m west SR 15	Represenative grab sample, same type of mafic volcanic unit as SR 15 but heavily silicified. Strike 10 degrees, S = <1% pyrite, quartz altered minor hematite stain.
91 SR 16	Barite - 1	Grab sample 15cm wide sulphide vein, 8 degrees/vertical. S = 10-15% pyrite with a trace of galena. Silicous and heavily iron oxidized. Host rock hematite stained breccia.
91 SR 17	Barite - 1	Grab sample 5cm wide sulphide pod, 175 degrees NW discontinuous dip. Possibly clay altered. S = 50% pyrite. Host rock felsic volcanic.
91 SR 18	Barite - 1	Grab sample of gossanous fine-grained dark-green mafic volcanic. S = <1% pyrite with associated quartz alteration and minor hematite staining.

91 SR 19	Barite - 1	Grab sample from a 30cm wide quartz breccia vein, 118/50S. S = <1% finely disseminated pyrite, trace of galena, Host rock fine-grained dark-green volcanic.
91 SR 20	Barite - 1	Grab sample pyrite pod. S = 85% pyrite, visible galena <1% iron stained fine-grain dark-green mafic volcanic.
91 SR 21	Barite - 1	Grab sample gossanous quartz vein. 130 degrees/vertical. S = 5-10% pyrite, visible galena. Appears to be following fractures. Host rock iron stain, moderately fractured, felsic volcanic.
91 SR 22	Barite - 1	Grab sample 5cm wide quartz vein, 140 degrees/vertical. S = <1% pyrite, visible galena. Host rock felsic volcanics.
91 SR 23	Barite - 1	Grab sample pyrite pod 5cm wide. Strike 30 degrees - shallow dip (pod). S = 50% pyrite. Host rock felsic volcanic, heavily iron stained with moderate manganese staining.
91 SR 24	Barite - 1	Grab sample 10cm wide calcite vein 53/85E. No visible mineralization, moderate fizz 10% hydrochloric acid. Wall rock fine-grain dark-green mafic volcanic, footwall felsic volcanic.
91 SR 25	Barite - 1	Grab sample, quartz vein 5cm wide. 70/80E to vertical. S = <.5% pyrite, <2% galena. Host rock siliceous felsic volcanic.
91 SR 26	Barite - 1	Grab sample from fracture vein. 30/80E, S = <1% pyrite, possible galena/sphalerite. Host rock heavily iron oxidized siliceous. Felsic volcanic.
91 SR 26A	Barite - 1 3m north SR 26	Grab sample fracture system. 140 degrees/vertical. S = <1%

		pyrite, galena. Host rock same as SR 26.
91 SR 26B	Barite - 1 *3m north SR 26A*	Grab sample heavily fractured siliceous felsic volcanic. S = 1% pyrite, visible galena, moderate iron staining.
91 SR 27	Barite - 1	Grab sample 20cm wide quartz vein, 132/70SW. S = <1% pyrite. Host rock hematite coloured mafic volcanic. Weak fizz 10% hydrochloric acid.
91 SR 28	Barite - 1	Float, very coarse probably local. Similar to SR 27, p;redominate specular hematite on fracture surfaces. Heavily hematite stained and quartz altered. No visible pyrite.
91 SR 29	Barite - 2 *on north edge of a 110 degree striking linear*	Grab sample pyrite lens up to 10cm wide. 90/75SE. S = 1% pyrite, trace galena. Host rock dark-green mafic volcanics.
91 SR 30	Barite - 2	Grab sample siliceous outcrop. 110 degrees/vertical. S = <1% chalcopyrite/malachite, visible galena. Host rock siliceous feslic volcanic.
91 SR 31	Barite - 2	Grab sample quartz vein 5cm wide. 165/10W shallow dip discontinuous. S = <1% chalcopyrite, trace galena. Host rock siliceous volcanic.
91 SR 32	Barite - 2	Grab sample from a quartz vein (165/7W) minor chalcopyrite, galena, malachite, clay altered envelope.
91 SR 33	Barite - 2	Float, coarse exterior similar to veins in outcrop, up to 7cm wide. Well formed crystals <2cm length. S = <1% and poddy throughout.
91 SR 34	Barite - 2	Grab sample from quartz and barite fracture infilling. Strike 140 degrees discontinuous. S = <1% pyrite/galena. Host rock mafic

		volcanics.
91 SR 35	Barite - 2 25m at 300 degrees from SR 30	Grab sample (representative) fine-grained mafic volcanic. Quartz altered, no visible pyrite but minimal to moderately malachite stained. Heavily fractured and close to siliceous volcanics, with no actual contact visible.
91 SR 36	Barite - 2	Grab from quartz breccia vein up to 20cm wide. 120/60S. No visible pyrite, moderate manganese staining. Host rock fine-grain green volcanics.
91 SR 37	Barite - 2	Grab sample quartz altered siliceous volcanics (similar to SR 31) from fracture face. 140/15N. S = <1% pyrite, chalcopyrite and galena.
91 SR 39	Barite - 1	Grab sample pyrite pod. 140/50W. S = 10% fine pyrite in pods. Host rock felsic volcanic clay altered, gossanous,.
91 SR 39A	Barite - 1 same location as SR 39	Chip sample across pyrite pod. .5m of limonitic material. S = 15% pyrite, clay alteration.
91 SR 43	Barite - 2	Talus fine, hematite, minor pyrite, iron stained.
91 Sr 45	Barite - 2	Chip sample from a 5cm wide quartz vcein. 1/2% galena, minor chalcopyrite and malachite staining. Vein orientated at 110/75S. Host rock is a fine-grained mafic volcanic.
91 SR 46	Barite - 2 at some old workings	Grab sample from a 10cm wide galena pod, hosted by quartz vein alteration zone up to 3m wide (112/30S), heavy iron staining, host rock dark grey - green mafic volcanic.
91 SR 47	50m northeast of 91 SR 46	Grab sample from float, iron staining, some pyrite present along with malachite staining.

91 SR 48	50m northeast of 91 SR 47	Grab sample from float, manganese staining, minor quartz veining.
91 SR 49	50m northeast of 91 SR 48	Talus, minor iron staining, minor quartz.
91 SR 50	50m northeast of 91 SR 49	Talus grab sample, minor iron staining.
91 SR 52	50m northeast of 91 SR 50	Talus grab sample, minor iron staining.
91 SR 53	50m northeast of 91 SR 52	Talus grab sample, minor iron staining.
91 SR 54	50m northeast of 91 SR 53	Talus grab sample, minor iron staining.
91 SR 55	7m northeast of 91 Sr 54	Grab sample of felsic float, possible clay alteration, heavy iron staining.
91 SR 58	150m from 91 SR 55 on a bearing of 70 degrees	Talus grab sample, moderate manganese staining, minor iron staining.
91 SR 59	50m due east of 91 SR 58	Talus grab sample, minor quartz veining, some hematite staining.
91 SR 61	50m east of 91 SR 59	Talus grab sample, hematite staining.
91 SR 62	25m east of 91 SR 61	Grab sample from a 5cm wide gossanous pyrite vein (135/80SW), 3-4% pyrite.
91 SR 64	25m north of 91 SR 62	Grab sample of a brecciated fault zone 1.0m wide orientated at 180/50W, heavily iron stained, 1% galena, trace disseminated pyrite.
91 SR 64A	at 91 SR 64	Grab sample of fault gouge orientated at 170/'65W, 20cm wide, moderate iron staining.
91 SR 66	50m north of 91 SR 64	Grab sample of a pyrite vein 2-4cm wide, orientated at 85/85S, 3% pyrite, hosted by a dark-green mafic volcanic.
91 SR 68	Barite - 2	Grab sample of float limonitic,

		5% brecciated pyrite up to 1.0cm wide, finely disseminated.
91 SR 71	Barite - 1	Grab sample of a limonitic breccia, 2-3% pyrite, heavy iron staining zone is approx. 5m wide.
91 SR 72	Von - 2	Grab sample of a 10cm clay altered fault zone (140/30N) silicified, no visible pyrite, heavily fractured.
91 SR 72A	Von - 2	Chip sample 1.0m wide of a silicified pyritic zone, orientated at 105/75N, 5% pyrite, heavy iron staining.
91 SR 73	Von - 2	Grab sample of a 10 - 20cm wide weathered sulphide vein orientated at 5/80W, 1% pyrite, host rock is a silicified fine-grained felsic volcanic.
91 SR 73A	Von - 2	Grab sample of a 10cm wide quartz-calcite vein (180/75E), 1% pyrite in well formed cubes, host rock is a felsic volcanic.
91 SR 73B	Von - 2	Grab sample of a 2 - 5cm wide quartz-calcite-pyrite vein orientated at 170/80E, 5% pyrite.
91 SR 73C	Von - 2	Grab sample of a 1 - 2m wide breccia zone, silicified with calicte, 5% pyrite, orientated at 5/85E.
91 SR 74	Von - 2	Grab sample of a 10-20cm quartz-calcite vein (155/80E), 2-5% coarse grained pyrite, host rock is a silicified fine-grained purple volcanic.
91 SR 75	40m east of 91 SR 74	Grab sample of a 20cm wide quartz-calcite vein, brecciated, (165/80E), 5% pyrite, host rock is a silicified felsic volcanic, light-grey.
91 SR 76	25m northeast	Grab sample of a 20cm wide

	of 91 SR 75	quartz-pyrite vein (150/90) 50% quartz, heavy iron staining. Host rock fine-grained felsic volcanic.
91 SR 77	50m east of 91 SR 75	Grab sample of quartz-pyrite vein 10 - 20cm wide (170/90) 50% pyrite, limonite staining, host rock is a fine-grained felsic volcanic.
91 SR 78	Von - 2	Grab sample of a massive pyrite vein 20cm wide, (25/85W), 90% pyrite, highly silicified felsic volcanic.
91 SR 80	Von - 2	Grab sample of float, 1.0m wide, trace galena, quartz veins 1.0cm wide, minor iron staining.
91 SR 81	Von - 2	Grab sample of talus, moderate iron staining.
91 SR 82	Von - 2	Grab sample of talus, moderate iron staining.
91 SR 83	Von - 2	Grab sample of talus, minor pyrite.
91 SR 84	Von - 2	Grab sample of a faulted offshoot quartz vein 4cm wide (45/90) minor iron staining, host rock grey-black silicified felsic volcanic.
91 SR 84A	2m east of 91 SR 84	Grab sample of main fault zone 20cm wide (115/60N), minor pyrite, minor iron staining.
91 SR 84B	4m west of 91 SR 84	Grab sample of fault zone, 20cm wide (25/80W).
91 SR 84C	4m west of 91 SR 84B	Grab sample of a fault zone (55/80W), 1% pyrite.
91 SR 85	Barite - 1	Grab sample of a silicified pyrite vein 20cm wide (50/80S), 20% pyrite, host rock is a fine-grained silicified dark grey-black volcanic.
91 SR 86	Barite - 1	Grab sample of a 10cm wide pyrite lens (40/30W), 30%

		pyrite, gossanous, fine-grained light grey felsic volcanic.
91 SR 87A	Von - 2	Grab sample of a limonitic outcrop, quartz-pyrite alteration, 30% pyrite (160/40W).
91 SR 88B	Von - 2	Grab sample of a 20cm wide silicified, brecciated zone (Fo 0/60E), 20% pyrite, host rock felsic volcanic.
91 SR 88B	Von - 2	Grab sample of a silicified breccia 10cm wide, 2% pyrite, gossanous, host rock felsic volcanic.
91 SR 89A	Von - 2	Grab sample of a 30cm wide quartz-pyrite vein (164/75E), 15% pyrite, gossanous outcrop, host rock felsic siliceous volcanic.
91 SR 89B	Von - 2	Grab sample of a 20cm wide quartz-pyrite vein (165/75W), 20% pyrite, clay alteration, weathered out pyrite, host rock is a fine-grained felsic volcanic.
91 SR 90A	Von - 2	Grab sample of a quartz-pyrite vein 20cm wide, (145/85W) argillic alteration specular hematite, silicified fine-grained sediments.
91 SR 90B	Von - 2	Chip sample over 10cm of a 4cm wide fault zone (70/35S), heavy iron staining, host rock is a felsic volcanic.
91 SR 91A	Von - 2	Grab sample of a silicified volcanic, gossanous.

A P P E N D I X   C

ROCK SAMPLE ASSAYS AND ANALYSES

ECO-TECH LABORATORIES LTD.

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OCTOBER 10, 1991

CERTIFICATE OF ASSAY ETK 91-795

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

SAMPLE IDENTIFICATION: 331 ROCK samples received OCTOBER 3 , 1991

ET#	Description	AG (g/t)	AG (oz/t)	CU (%)	ZN (%)	PB (%)
2-	BR 402 A	43.5	1.27	-	-	-
5-	BR 402 D	278.2	8.11	-	-	-
78-	BR 459 A	1761.	51.36	-	-	65.60
79-	BR 459 B	64.4	1.88	-	-	2.68
81-	BR 461	171.2	4.99	-	4.60	2.48
82-	BR 462	48.4	1.41	-	-	-
105-	BR 473 C	77.4	2.26	-	-	-
113-	BR 474 B	49.1	1.43	-	-	-
157-	BR 500 C	33.4	.97	-	-	-
166-	MR 216	188.4	5.49	-	-	17.90
168-	MR 222	319.6	9.32	-	-	32.50
169-	MR 223	147.2	4.29	-	-	22.60
170-	MR 224	200.4	5.84	-	-	36.70
171-	MR 225	30.0	.88	-	-	1.96
172-	MR 226	106.0	3.09	-	-	10.40
182-	MR 249	80.4	2.35	-	-	2.00
183-	MR 251	186.1	5.43	-	-	-
184-	MR 252	-	-	-	-	1.34
188-	MR 260	44.1	1.29	-	-	-
189-	MR 266	225.2	6.57	-	-	1.26
190-	MR 267	74.1	2.16	-	-	-
191-	MR 269	270.2	7.88	-	-	-
192-	MR 270 A	119.2	3.48	4.64	11.76	1.32
193-	MR 270 B	123.6	3.61	2.72	-	-
194-	MR 270 C	160.8	4.69	2.8	15.92	3.32
195-	MR 270 D	144.8	4.22	3.08	9.28	3.08
196-	MR 270 E	255.2	7.44	5.84	7.12	-
197-	MR 271	-	-	-	2.96	2.16
198-	MR 278	41.1	1.20	-	-	-
224-	MR 326	55.8	1.63	-	-	-

 FRANK J. PEZZOTTI, A.Sc.T, Certified Assayer

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
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BER 10 ,1991

TEUTON RESOURCES CORP. - ETK 91-795
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

ES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: BARITE VON
331 ROCK SAMPLES RECEIVED OCTOBER 3, 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
BR 483	10	2.0	.12	45	4	10	<5	.09	<1	6	88	92	2.39	.14	<10	.03	34	8	<.01	3	40	54	10	<20	27	<.01	<10	1	<10	<1	81
BR 402A	5	>30	.18	40	6	10	<5	.09	<1	5	132	148	5.44	.17	<10	.07	42	22	<.01	2	160	86	50	<20	20	.01	<10	10	<10	<1	27
BR 402B	<5	3.6	1.20	10	12	60	<5	.27	<1	9	8	10	3.83	.33	<10	.22	169	2	<.01	3	1250	44	20	<20	20	.09	<10	67	<10	7	210
BR 402C	5	23.2	.06	45	6	5	<5	.01	<1	5	164	11	7.23	.07	<10	.09	30	19	<.01	2	70	70	60	<20	3	<.01	<10	3	<10	<1	22
BR 402D	10	>30	.06	20	4	15	<5	<.01	<1	2	139	21	2.00	.04	<10	.02	41	13	<.01	4	20	498	120	<20	2	<.01	<10	10	<10	<1	11
BR 403	15	5.6	.25	200	4	10	<5	.16	<1	11	92	20	6.42	.09	<10	.11	265	28	<.01	3	960	140	40	<20	16	<.01	<10	17	<10	<1	71
BR 404	<5	5.4	.42	285	6	15	<5	.22	<1	14	48	18	4.02	.08	10	.14	246	8	<.01	3	1020	100	30	<20	15	<.01	<10	22	<10	<1	177
BR 405	<5	10.2	1.20	335	<2	30	<5	.14	1	20	76	133	6.79	.07	<10	.38	342	6	<.01	4	1040	2360	30	<20	29	<.01	<10	113	<10	<1	91
BR 406	5	.4	.23	30	4	50	<5	.14	<1	9	25	3	4.47	.21	10	.08	516	3	<.01	1	1110	14	5	<20	11	<.01	<10	10	<10	<1	35
BR 407	5	1.6	1.83	5	4	55	<5	.27	<1	8	44	10	6.06	.17	<10	.60	391	2	<.01	2	1230	86	15	<20	17	<.01	<10	98	<10	<1	261
BR 409	5	.2	.14	15	4	225	<5	.02	<1	7	112	59	4.11	.06	<10	.07	1258	8	<.01	4	100	4	15	<20	5	<.01	<10	6	<10	<1	57
BR 410	10	<.2	1.12	5	8	25	<5	2.77	<1	26	19	26	5.56	.14	<10	.85	882	2	<.01	3	1350	16	10	<20	12	.08	<10	40	10	2	47
BR 412	5	.2	.18	20	4	35	<5	.42	<1	6	44	8	4.92	.16	10	.09	747	6	<.01	1	1730	42	5	<20	30	<.01	<10	10	<10	5	23
BR 413	<5	1.4	1.87	285	4	35	<5	.34	<1	17	53	10	6.58	.07	<10	.95	323	3	<.01	8	1620	70	15	<20	24	<.01	<10	154	<10	<1	259
BR 414	5	.4	.27	35	6	60	<5	.32	<1	10	52	5	5.65	.20	<10	.08	1964	4	<.01	2	1530	24	5	<20	25	<.01	<10	9	<10	3	48
BR 415	5	.2	.18	20	6	120	<5	.23	<1	6	60	2	2.44	.15	10	.03	691	3	<.01	<1	1280	14	<5	<20	11	<.01	<10	3	<10	3	35
BR 416A	<5	.8	.37	60	4	35	<5	.30	<1	5	53	6	2.66	.19	10	.06	121	6	<.01	1	1490	24	5	<20	18	<.01	<10	13	<10	3	15
BR 416B	<5	3.8	.31	110	6	15	<5	.40	<1	13	52	12	9.62	.24	<10	.13	35	21	<.01	<1	2070	66	35	<20	16	<.01	<10	8	<10	<1	32
BR 416C	<5	1.4	.42	170	8	15	<5	.42	<1	9	33	11	4.60	.25	<10	.10	104	3	<.01	1	2040	22	25	<20	16	<.01	<10	15	<10	1	22
BR 416D	<5	3.2	.28	145	6	15	<5	.19	3	12	49	12	11.19	.20	<10	.16	53	10	<.01	2	1250	168	25	<20	7	<.01	<10	1	<10	<1	292
BR 416E	<5	3.0	.15	170	6	25	<5	.09	<1	12	52	7	10.44	.13	10	.15	14	15	.01	2	1240	94	25	<20	7	<.01	<10	<1	<10	<1	20
BR 416F	<5	.8	.38	60	4	15	<5	.29	<1	6	76	8	5.95	.17	20	.10	73	6	<.01	1	1560	40	15	<20	14	<.01	<10	20	<10	<1	79
BR 416G	<5	.6	.70	50	4	20	<5	.24	<1	5	41	4	4.96	.13	10	.13	109	3	<.01	2	1220	30	10	<20	12	<.01	<10	39	<10	<1	92
BR 417	<5	2.8	.31	130	6	15	<5	.06	<1	9	69	27	10.71	.12	<10	.17	53	15	<.01	2	490	64	90	<20	6	<.01	<10	22	<10	<1	306
BR 418	5	1.0	1.44	35	6	20	<5	.18	<1	10	35	8	10.28	.06	<10	.50	378	10	.01	<1	780	84	45	<20	11	.01	<10	69	<10	<1	86
BR 419A	5	.6	.34	45	4	45	<5	.29	<1	5	71	6	2.83	.17	10	.07	201	7	<.01	<1	1380	22	10	<20	15	<.01	<10	23	<10	3	28

#	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 -	BR 419B	10	2.4	.12	115	4	15	<5	.03	<1	8	76	6	10.78	.08	<10	.14	106	12	<.01	1	210	74	65	<20	6	<.01	<10	1	<10	<1	93
8 -	BR 420	40	4.4	.18	415	4	15	<5	.41	<1	24	22	15	9.42	<.01	<10	.13	43	20	<.01	3	1880	44	70	<20	17	<.01	<10	<1	<10	<1	22
9 -	BR 421	10	.8	.32	20	6	20	<5	.31	<1	1	19	4	2.01	.27	10	.04	17	2	<.01	<1	1940	16	5	<20	11	<.01	<10	6	<10	4	14
0 -	BR 422	20	2.2	.36	175	8	15	<5	.12	<1	12	24	8	9.60	.25	<10	.14	154	14	<.01	2	880	52	30	<20	11	<.01	<10	13	<10	<1	30
1 -	BR 423	5	5.6	1.10	205	8	20	<5	.20	<1	19	21	39	10.53	.13	<10	.31	203	4	<.01	3	850	62	20	<20	10	.01	<10	82	<10	<1	51
2 -	BR 424	10	6.8	.23	190	6	10	<5	.21	<1	19	66	19	6.02	.13	<10	.08	86	9	<.01	3	1000	106	30	<20	10	<.01	<10	7	<10	<1	48
3 -	BR 425A	<5	5.6	.25	765	6	10	<5	.01	<1	14	53	14	9.77	.12	<10	.13	6	16	.01	1	210	162	150	<20	5	<.01	<10	2	<10	<1	15
4 -	BR 425B	5	2.0	.26	165	4	15	<5	.05	<1	7	34	13	2.81	.20	<10	.04	47	4	<.01	1	470	34	15	<20	7	<.01	<10	5	<10	<1	8
5 -	BR 426	20	2.4	.18	130	4	5	<5	.03	<1	22	36	6	4.13	.17	<10	.05	10	2	<.01	2	620	34	15	<20	4	<.01	<10	1	<10	<1	8
5 -	BR 427	20	1.2	.15	145	4	10	<5	.09	<1	16	28	4	4.54	.13	<10	.05	79	4	<.01	1	1380	14	25	<20	5	<.01	<10	2	<10	<1	11
7 -	BR 428	5	1.2	.13	25	2	5	<5	<.01	<1	3	84	3	3.52	.16	<10	.04	15	5	<.01	<1	350	10	10	<20	2	<.01	<10	<1	<10	<1	5
3 -	BR 429	20	4.0	.18	400	4	15	<5	.05	<1	26	17	12	11.38	.05	<10	.15	78	8	<.01	1	760	38	55	<20	4	<.01	<10	<1	<10	<1	19
-	BR 430	5	3.0	.06	110	6	10	<5	.01	<1	3	229	7	2.61	.02	10	.04	43	13	<.01	4	70	22	15	<20	3	<.01	<10	1	<10	<1	8
-	BR 431A	5	1.8	1.40	45	8	20	<5	.22	<1	18	36	31	6.81	.18	<10	.82	496	18	<.01	6	1120	98	20	<20	19	<.01	<10	111	<10	<1	195
-	BR 431B	5	2.8	.19	50	10	25	<5	.02	<1	4	139	8	6.31	.81	10	.10	83	61	.01	3	890	132	15	<20	115	<.01	<10	41	<10	<1	30
-	BR 432	20	22.0	.12	55	8	10	<5	.01	<1	6	104	17	6.20	.13	<10	.10	157	32	<.01	4	140	120	50	<20	8	<.01	<10	6	<10	<1	118
-	BR 433	5	11.0	.17	70	12	40	<5	.01	<1	2	152	8	2.78	.34	<10	.05	44	48	<.01	3	440	256	25	<20	19	<.01	<10	12	<10	<1	15
-	BR 434	5	3.6	.26	95	6	15	<5	.10	<1	5	90	7	4.89	.25	<10	.08	24	15	.01	3	860	46	25	<20	12	<.01	<10	14	<10	<1	15
-	BR 435A	10	5.0	.07	195	6	40	<5	<.01	<1	3	238	10	3.37	.07	10	.05	39	30	<.01	4	160	296	60	<20	9	<.01	<10	4	<10	<1	31
-	BR 435B	5	7.8	.11	850	6	15	<5	.01	<1	33	115	25	5.00	<.01	20	.07	18	26	<.01	7	170	230	35	<20	5	<.01	<10	3	<10	<1	131
-	BR 435C	<5	9.0	.17	720	8	15	<5	.04	<1	22	146	23	8.44	<.01	20	.12	23	27	<.01	5	220	166	70	<20	5	<.01	<10	<1	<10	<1	85
-	BR 435D	<5	12.0	.10	875	6	15	<5	.02	<1	35	131	32	9.41	<.01	<10	.13	17	28	.01	8	70	454	85	<20	4	<.01	<10	<1	<10	<1	187
-	BR 435E	20	12.0	.07	505	4	15	<5	.01	<1	11	166	15	5.49	.03	10	.08	24	33	<.01	3	320	1048	110	<20	17	<.01	<10	1	<10	<1	72
-	BR 436	15	5.2	.11	80	6	20	<5	.01	<1	4	64	8	4.56	.24	<10	.06	32	13	<.01	3	400	88	15	<20	13	<.01	<10	29	<10	<1	10
-	BR 436B	45	5.8	.28	50	8	15	<5	.14	<1	13	125	14	6.83	.20	<10	.15	207	15	<.01	3	910	132	30	<20	10	<.01	<10	13	<10	<1	73
-	BR 437	30	22.0	.03	55	8	10	<5	.01	<1	3	175	9	3.50	<.01	<10	.05	53	43	<.01	6	40	48	20	<20	11	<.01	<10	7	<10	<1	16
-	BR 438	20	2.0	.25	75	6	125	<5	.03	<1	6	200	23	7.78	.09	<10	.15	143	31	<.01	4	490	68	30	<20	13	<.01	<10	59	<10	<1	29
-	BR 439	10	11.2	.45	1135	6	25	<5	.06	<1	23	87	15	10.93	<.01	<10	.32	93	9	<.01	8	320	238	120	<20	7	<.01	<10	26	<10	<1	104
-	BR 440A	10	3.2	.29	90	6	20	<5	.09	<1	7	80	14	5.95	.34	10	.15	103	12	<.01	3	720	174	40	<20	22	<.01	<10	35	<10	<1	42
-	BR 440B	10	3.0	.40	120	6	55	<5	.14	<1	13	60	23	4.44	.27	10	.14	100	9	<.01	3	940	92	20	<20	24	<.01	<10	54	<10	<1	27
-	BR 440C	45	6.8	.17	180	8	70	<5	.02	<1	6	146	31	11.07	.25	<10	.17	57	67	.01	2	400	94	70	<20	10	<.01	<10	19	<10	<1	32
-	BR 441	5	3.2	.16	25	6	15	<5	.04	<1	3	153	8	3.62	.18	<10	.06	38	49	<.01	5	240	64	10	<20	8	<.01	<10	6	<10	<1	14
-	BR 442	5	2.8	.61	155	6	20	<5	.22	<1	17	155	19	4.52	.18	<10	.16	82	13	<.01	5	1040	96	35	<20	9	<.01	<10	27	<10	<1	51
-	BR 443	5	2.4	.21	120	6	20	<5	.07	<1	8	88	8	4.97	.18	<10	.08	193	25	<.01	3	520	50	40	<20	12	<.01	<10	13	<10	<1	28
-	BR 444	5	2.4	1.35	90	8	40	<5	.33	<1	46	47	37	9.17	.19	10	.48	709	5	<.01	7	1490	166	25	<20	33	.01	<10	156	<10	<1	146
-	BR 445A	15	9.4	.18	130	6	55	<5	.01	<1	3	152	6	4.23	.38	<10	.07	49	36	.01	4	720	244	75	<20	8	<.01	<10	14	<10	<1	43
-	BR 445B	45	6.6	.14	75	6	100	<5	.01	<1	3	185	7	3.44	.28	<10	.05	102	30	<.01	3	280	130	35	<20	14	<.01	<10	21	<10	<1	33

3 TEUTON RESOURCES ETK 91-795 OCTOBER 10, 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
BR 446	25	2.8	.18	50	6	15	<5	.05	<1	7	96	10	7.06	.21	<10	.11	80	17	.01	4	440	240	15	<20	10	<.01	<10	4	<10	<1	133
BR 447	<5	16.6	.06	195	6	70	<5	.02	<1	5	201	118	5.94	<.01	<10	.08	89	16	<.01	4	130	352	235	<20	4	<.01	<10	5	<10	<1	98
BR 448	<5	2.2	.12	35	6	120	<5	.03	<1	1	134	11	2.06	.15	<10	.03	31	16	<.01	4	840	54	20	<20	11	<.01	<10	2	<10	<1	11
BR 449	165	1.0	.28	45	6	30	<5	.32	<1	5	91	10	5.62	.19	10	.14	198	9	<.01	3	1560	64	20	<20	17	<.01	<10	15	<10	<1	101
BR 450	5	.6	.22	50	6	85	<5	.23	<1	7	84	6	4.73	.16	10	.08	387	10	<.01	4	1320	20	20	<20	14	<.01	<10	10	<10	<1	56
BR 451	10	6.0	.82	45	8	25	<5	.28	1	10	35	340	8.06	.24	<10	.30	242	15	<.01	1	1340	82	30	<20	9	<.01	<10	51	<10	<1	378
BR 452	<5	3.4	.27	30	8	25	<5	.02	<1	5	56	9	4.70	.34	<10	.08	117	32	<.01	3	320	58	20	<20	7	<.01	<10	22	<10	<1	82
BR 453	10	1.0	.35	30	8	55	<5	.36	1	8	61	63	3.94	.28	10	.32	757	6	<.01	2	1390	28	15	<20	13	<.01	<10	31	30	3	1447
BR 454	10	6.6	.42	20	10	25	<5	.14	<1	3	29	13	3.55	.34	10	.09	68	14	<.01	1	850	384	20	<20	11	<.01	<10	33	<10	<1	157
BR 455	5	1.8	.32	85	6	15	<5	.18	<1	5	57	8	6.87	.20	<10	.12	57	12	<.01	2	1270	112	50	<20	13	<.01	<10	19	<10	<1	159
BR 456	<5	2.4	1.25	50	10	20	<5	.38	<1	17	30	39	8.77	.28	<10	.52	523	25	<.01	4	1710	180	30	<20	9	<.01	<10	73	<10	<1	302
BR 457A	10	10.8	1.03	120	8	40	5	.24	<1	30	80	3427	5.04	.22	40	.45	1785	7	<.01	5	970	130	15	<20	33	.04	<10	76	10	7	91
BR 457B	20	4.6	1.56	75	10	25	<5	.16	<1	25	7	364	10.79	.29	<10	.78	803	10	<.01	2	1270	124	20	<20	5	<.01	<10	106	<10	<1	138
BR 458	30	13.8	.24	85	6	10	<5	.18	5	33	65	333	4.98	.17	<10	.18	630	21	<.01	2	710	618	25	<20	7	<.01	<10	3	<10	<1	445
BR 459A	570	>30	.06	20	<2	10	135	.02	87	5	61	219	3.44	.01	<10	.05	1396	9	<.01	<1	40	>10000	1135	<20	29	<.01	<10	<1	50	<1	2358
BR 459B	90	>30	.27	30	<2	85	<5	.08	3	7	55	29	4.69	.29	<10	.10	1711	3	<.01	<1	680	>10000	20	<20	27	<.01	<10	<1	<10	<1	632
BR 460	20	16.0	.29	100	4	25	<5	.12	3	16	62	109	10.77	.19	<10	.24	2308	9	<.01	<1	440	1726	50	<20	8	<.01	<10	9	<10	<1	621
BR 461	75	>30	.28	165	<2	20	<5	.60	491	31	27	1188	13.65	.17	<10	.66	1987	13	<.01	<1	900	>10000	170	<20	24	<.01	20	2	60	<1	>10000
BR 462	15	>30	.72	430	4	30	<5	.06	17	17	125	182	4.90	.07	<10	.24	277	27	<.01	1	330	1030	30	<20	6	<.01	<10	17	40	<1	1650
BR 463	5	3.2	.35	25	6	50	<5	.19	1	3	108	54	2.93	.28	10	.08	69	17	<.01	<1	1140	516	10	<20	17	<.01	<10	12	<10	<1	148
BR 464A	5	4.2	.43	120	4	15	<5	.12	<1	6	163	19	7.07	.20	<10	.18	81	23	.02	1	630	146	25	<20	20	<.01	<10	31	<10	<1	45
BR 464B	5	1.8	.37	70	6	35	<5	.21	<1	3	126	9	2.85	.27	10	.09	50	10	<.01	1	980	190	10	<20	31	<.01	<10	19	<10	<1	52
BR 464C	5	3.2	.30	75	6	15	<5	.14	<1	4	159	14	5.00	.27	<10	.10	53	18	.01	1	780	60	20	<20	23	<.01	<10	12	<10	<1	23
BR 464D	5	1.2	.26	30	6	85	<5	.09	<1	1	113	6	1.77	.29	10	.04	37	8	.01	<1	630	78	10	<20	16	<.01	<10	8	<10	<1	19
BR 465A	5	.6	.44	45	6	40	<5	.13	<1	6	188	7	2.95	.29	<10	.13	92	13	.01	1	550	44	25	<20	19	<.01	<10	22	<10	<1	34
BR 465B	<5	2.0	.25	70	6	10	<5	.04	<1	9	111	11	6.83	.27	<10	.11	49	12	.01	1	150	92	25	<20	9	<.01	<10	9	<10	<1	19
BR 465C	<5	.4	.33	30	6	35	<5	.08	<1	4	176	6	2.93	.25	<10	.10	72	12	.01	2	370	30	15	<20	14	<.01	<10	24	<10	<1	18
BR 465D	5	1.0	.22	60	6	10	<5	.06	<1	5	164	9	4.61	.23	<10	.08	43	12	.01	2	280	40	25	<20	11	<.01	<10	8	<10	<1	16
BR 465E	5	1.0	.21	75	4	10	<5	.07	<1	6	123	10	4.81	.20	<10	.08	40	11	.01	1	240	58	25	<20	10	<.01	<10	11	<10	<1	17
BR 466A	<5	.6	.83	90	4	35	<5	.13	<1	10	201	15	5.04	.16	<10	.32	184	14	.01	2	550	44	40	<20	21	<.01	<10	56	<10	<1	39
BR 466B	5	.6	.71	45	6	35	<5	.14	<1	4	134	7	4.24	.28	<10	.24	120	15	.02	2	610	54	20	<20	24	<.01	<10	36	<10	<1	27
BR 467A	10	4.0	.15	50	6	20	<5	.23	<1	4	221	10	3.67	.17	<10	.08	190	11	<.01	2	170	72	15	<20	21	<.01	<10	4	<10	<1	25
BR 467B	5	4.6	.24	50	6	20	<5	.02	<1	4	121	8	3.29	.30	<10	.05	40	13	.01	1	110	108	20	<20	10	<.01	<10	5	<10	<1	14
BR 468	5	5.6	.42	25	4	20	<5	.37	<1	3	205	11	3.34	.57	<10	.05	87	10	.01	2	150	40	35	<20	9	<.01	<10	6	<10	<1	43
BR 469	<5	10.6	.95	125	4	45	<5	>15	6	11	27	26	10.42	1.20	<10	.23	3954	6	<.01	2	210	172	75	<20	302	<.01	50	6	30	27	683
BR 470	<5	9.6	.14	280	6	5	<5	10.72	<1	11	16	48	11.76	<.01	10	.20	3279	7	<.01	<1	80	190	55	<20	289	<.01	<10	1	<10	<1	385
BR 471A	5	5.0	.51	25	4	45	<5	.99	1	3	157	23	2.26	.64	10	.06	597	8	<.01	1	270	66	25	<20	34	<.01	<10	10	<10	<1	70

GE 4 TEUTON RESOURCES ETK 91-795 OCTOBER 10, 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
01-	BR 471B	5	9.4	.16	45	4	65	<5	.27	<1	2	88	15	1.98	.23	<10	.04	92	6	<.01	<1	190	66	35	<20	26	<.01	<10	20	<10	<1	31
02-	BR 472	5	6.6	.48	55	6	20	<5	>15	6	4	9	20	4.00	.55	<10	.16	3273	3	<.01	<1	50	28	25	<20	288	<.01	20	13	10	2	81
03-	BR 473A	5	16.6	.14	45	4	20	<5	.31	<1	2	181	10	3.08	.28	<10	.05	58	16	.01	1	90	102	35	<20	10	<.01	<10	2	<10	<1	8
04-	BR 473B	5	17.2	.45	55	6	10	<5	.86	<1	7	131	31	8.13	.46	<10	.16	31	12	.04	3	30	90	35	<20	9	<.01	<10	<1	<10	<1	12
05-	BR 473C	20	>30	.16	145	4	20	<5	.12	<1	14	112	60	10.89	.14	<10	.18	16	12	.01	1	<10	186	115	<20	4	<.01	10	<1	<10	<1	74
06-	BR 473D	5	10.4	.04	15	6	30	<5	.14	<1	1	216	9	1.43	.04	<10	.02	52	13	<.01	2	10	148	15	<20	5	<.01	<10	1	<10	<1	6
07-	BR 473E	5	12.4	.49	70	4	15	<5	.58	<1	5	218	18	8.61	.59	<10	.15	83	20	.03	<1	20	92	65	<20	7	<.01	10	4	<10	<1	14
08-	BR 473F	30	14.2	.23	75	46	10	<5	1.71	<1	4	140	15	6.85	.17	<10	.13	92	15	<.01	<1	<10	48	60	<20	18	<.01	10	19	<10	<1	21
09-	BR 473G	5	9.4	1.01	40	6	10	<5	1.48	<1	4	185	19	7.27	1.10	<10	.18	127	15	.02	1	230	38	50	<20	13	<.01	<10	21	<10	<1	31
10-	BR 473H	5	8.8	.10	30	204	10	<5	2.28	<1	3	193	10	4.33	.05	<10	.08	55	16	.02	1	10	22	30	<20	11	<.01	<10	3	<10	<1	11
11-	BR 473I	5	10.2	.23	40	6	10	<5	.41	1	4	224	21	8.04	.24	<10	.14	51	16	.01	3	10	280	30	<20	2	<.01	<10	2	<10	<1	88
12-	BR 474A	5	6.2	.22	45	6	10	<5	.10	<1	5	109	23	3.90	.26	10	.06	19	7	.02	1	280	122	20	<20	10	<.01	<10	5	<10	<1	35
13-	BR 474B	15	>30	.33	130	86	20	<5	1.79	<1	6	107	52	12.88	.15	<10	.26	137	15	<.01	1	<10	92	35	<20	6	<.01	20	22	<10	<1	50
14-	BR 474C	10	13.0	.54	100	6	20	<5	.74	<1	10	107	51	10.41	.64	<10	.21	75	10	.02	1	40	114	35	<20	13	<.01	10	<1	<10	<1	55
15-	BR 474D	10	13.2	.23	250	6	25	<5	.05	<1	13	119	31	11.51	.12	10	.18	14	16	.02	1	170	200	75	<20	3	<.01	<10	<1	<10	<1	46
16-	BR 474E	5	10.6	.30	90	12	30	<5	6.64	3	6	54	20	6.43	.27	10	.13	2554	8	<.01	<1	30	80	40	<20	343	<.01	<10	13	<10	<1	207
17-	BR 474F	<5	4.2	.57	85	4	20	<5	.67	<1	6	190	13	4.52	.65	<10	.07	119	10	.02	1	190	52	30	<20	7	<.01	<10	5	<10	<1	47
18-	BR 474G	<5	13.2	.28	145	10	30	<5	.67	<1	8	97	16	13.76	.14	10	.21	155	25	<.01	<1	10	50	80	<20	11	<.01	<10	29	<10	<1	49
19-	BR 474H	15	6.2	.06	15	4	40	<5	10.82	<1	1	73	7	1.70	.04	<10	.06	2887	5	<.01	<1	90	108	15	<20	766	<.01	<10	3	<10	2	45
20-	BR 475A	5	.8	.21	85	4	15	<5	.20	<1	5	142	18	4.35	.14	10	.08	65	9	<.01	1	820	102	30	<20	22	<.01	<10	8	<10	<1	17
21-	BR 475B	<5	.8	.16	30	4	15	<5	.26	<1	3	141	5	2.75	.18	10	.04	85	10	<.01	2	550	32	10	<20	23	<.01	<10	2	<10	<1	14
22-	BR 476	<5	1.4	.26	130	4	15	<5	.11	<1	6	145	13	5.43	.10	<10	.13	68	11	<.01	1	330	132	65	<20	10	<.01	<10	6	<10	<1	73
23-	BR 477	5	1.6	.17	325	6	15	<5	.04	<1	8	98	13	7.33	.06	<10	.11	39	10	.01	1	190	82	75	<20	6	<.01	<10	<1	<10	<1	30
24-	BR 478	5	.6	.22	40	4	25	<5	.07	<1	5	176	10	2.75	.24	<10	.05	41	10	.01	1	380	60	20	<20	9	<.01	<10	6	<10	<1	22
25-	BR 479A	15	.6	.16	945	4	15	<5	.05	<1	10	79	6	7.97	<.01	<10	.12	30	7	.01	2	260	58	70	<20	5	<.01	<10	4	<10	<1	96
26-	BR 479B	5	.6	.16	1115	4	15	<5	.02	<1	9	141	8	7.12	<.01	<10	.10	24	9	.01	3	80	52	75	<20	4	<.01	<10	<1	<10	<1	20
27-	BR 479C	10	.6	.19	140	6	20	<5	.03	<1	2	95	3	2.01	.17	<10	.04	33	6	.01	1	130	40	25	<20	6	<.01	<10	4	<10	<1	16
28-	BR 479D	5	1.0	.15	385	4	10	<5	.01	<1	4	117	6	4.43	.05	<10	.06	21	7	.02	1	30	34	60	<20	3	<.01	<10	<1	<10	<1	14
29-	BR 479E	5	.6	.15	195	4	10	<5	.01	<1	3	114	4	2.70	.13	<10	.04	25	8	.01	1	20	48	30	<20	6	<.01	<10	<1	<10	<1	11
30-	BR 479F	5	.4	.20	110	4	20	<5	.01	<1	3	120	5	2.00	.22	<10	.03	22	8	.01	1	60	60	15	<20	7	<.01	<10	1	<10	<1	12
31-	BR 479G	5	.6	.15	95	4	20	<5	.01	<1	4	124	5	1.77	.15	<10	.02	23	8	.01	1	80	88	15	<20	4	<.01	<10	1	<10	<1	8
32-	BR 479H	5	1.0	.12	1405	4	30	<5	.03	<1	22	67	15	14.46	<.01	<10	.20	<1	16	.01	1	10	150	150	<20	2	<.01	<10	<1	<10	<1	41
33-	BR 480	35	.6	.13	175	4	10	<5	.01	<1	6	167	7	4.13	.08	<10	.06	27	11	.01	3	30	48	40	<20	3	<.01	<10	1	<10	<1	18
34-	BR 481	5	.4	.17	240	6	10	<5	.01	<1	8	78	7	4.83	.11	<10	.07	12	10	<.01	1	80	36	85	<20	3	<.01	<10	2	<10	<1	38
35-	BR 482	20	2.0	.21	60	4	20	<5	.02	<1	3	160	6	1.90	.27	<10	.03	258	9	.01	1	280	62	20	<20	7	<.01	<10	2	<10	<1	22
36-	BR 484A	5	3.6	.14	80	4	15	<5	.03	<1	5	113	6	5.69	.17	<10	.07	37	7	.01	1	160	114	20	<20	4	<.01	<10	<1	<10	<1	13

#	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
37-	BR 484B	5	1.6	.15	80	4	15	<5	.06	<1	7	202	8	3.28	.12	10	.04	98	11	<.01	2	400	50	20	<20	9	<.01	<10	6	<10	<1	85
38-	BR 485	5	.8	.16	90	4	15	<5	.01	<1	8	73	9	1.89	.16	<10	.03	27	6	<.01	1	170	132	20	<20	4	<.01	<10	4	<10	<1	27
39-	BR 486	5	2.6	.10	680	6	20	<5	.01	<1	8	90	9	9.82	<.01	<10	.14	14	7	<.01	<1	30	70	65	<20	2	<.01	<10	<1	<10	<1	24
40-	BR 487	5	2.6	.12	695	4	20	<5	.01	<1	8	153	10	9.96	<.01	<10	.14	13	9	<.01	2	30	68	65	<20	3	<.01	<10	<1	<10	<1	24
41-	BR 488A	5	5.2	.12	200	6	20	<5	.02	<1	9	82	17	9.62	.07	<10	.13	12	9	<.01	1	90	54	55	<20	3	<.01	<10	<1	<10	<1	77
42-	BR 488B	5	2.0	.18	155	6	10	<5	.01	<1	6	213	9	5.36	.15	<10	.07	34	11	.01	3	30	62	30	<20	3	<.01	<10	1	<10	<1	97
43-	BR 489	10	5.6	.16	275	6	20	<5	.02	<1	10	80	6	10.95	.07	<10	.15	6	10	.01	<1	10	88	45	<20	3	<.01	<10	<1	<10	<1	28
44-	BR 491	<5	1.8	.23	50	4	35	<5	.04	2	3	154	6	1.31	.25	<10	.02	29	8	<.01	1	370	126	15	<20	5	<.01	<10	7	<10	<1	165
45-	BR 492A	10	13.8	.14	195	2	35	<5	<.01	3	4	100	10	1.63	.13	<10	.02	27	12	<.01	1	160	1782	45	<20	7	<.01	<10	1	<10	<1	227
46-	BR 492B	5	22.2	.19	145	4	15	<5	.01	7	4	185	45	7.12	.15	<10	.10	26	38	<.01	1	140	1924	155	<20	3	<.01	<10	<1	<10	<1	291
47-	BR 492C	15	22.8	.14	150	6	15	<5	.01	3	4	126	10	6.51	.16	<10	.09	24	40	<.01	1	50	1016	80	<20	2	<.01	<10	1	<10	<1	215
48-	BR 493	5	9.8	.29	135	6	10	<5	.01	2	7	128	8	5.51	.22	<10	.09	20	14	.01	1	20	154	70	<20	2	<.01	<10	7	<10	<1	129
49-	BR 494	5	9.8	.14	125	4	20	<5	.02	4	7	84	16	10.00	.11	<10	.13	27	21	<.01	<1	210	742	90	<20	4	<.01	<10	<1	<10	<1	366
50-	BR 495	5	10.6	.28	425	4	10	<5	.02	1	6	82	17	6.03	.11	<10	.09	44	24	<.01	2	80	1388	160	<20	3	<.01	<10	1	<10	<1	162
51-	BR 496	<5	6.6	.24	410	6	15	<5	.01	<1	8	32	10	7.29	.11	<10	.11	8	11	<.01	<1	140	594	105	<20	6	<.01	<10	8	<10	<1	54
52-	BR 497	5	5.2	.15	95	4	40	<5	<.01	6	15	103	19	1.54	.12	<10	.02	47	7	<.01	3	130	218	30	<20	6	<.01	<10	1	<10	<1	394
53-	BR 498	5	8.2	.15	100	4	95	<5	.01	<1	6	72	14	1.32	.13	10	.02	164	8	<.01	3	120	340	30	<20	7	<.01	<10	2	<10	<1	19
54-	BR 499	<5	6.8	.16	110	6	60	<5	<.01	1	7	81	9	1.29	.14	10	.02	63	17	<.01	2	80	358	20	<20	4	<.01	<10	3	<10	<1	116
55-	BR 500A	5	4.0	.11	35	4	20	<5	<.01	<1	4	102	6	3.71	.14	<10	.05	26	20	<.01	2	10	44	15	<20	3	<.01	<10	<1	<10	<1	36
56-	BR 500B	5	4.2	.14	45	4	65	<5	<.01	<1	5	102	9	1.18	.17	<10	.02	66	7	<.01	2	40	94	10	<20	4	<.01	<10	1	<10	<1	21
57-	BR 500C	5	>30	.22	115	4	55	<5	<.01	1	21	129	32	1.43	.17	10	.02	69	12	<.01	6	70	514	60	<20	5	<.01	<10	3	<10	<1	74
58-	BR 501	<5	2.0	.18	100	6	35	<5	.01	<1	2	183	6	1.93	.16	10	.03	35	15	<.01	3	120	50	15	<20	7	<.01	<10	2	<10	<1	10
59-	BR 502	5	8.0	.21	75	4	60	<5	<.01	<1	13	129	16	.92	.13	<10	.04	73	11	<.01	4	20	376	20	<20	4	<.01	<10	6	<10	<1	49
0-	MR 200	5	2.6	.60	85	8	25	<5	8.02	<1	13	30	10	12.23	.10	20	.39	4845	10	<.01	6	870	46	35	<20	147	.01	<10	11	<10	<1	60
1-	MR 207	5	9.0	.08	560	6	20	<5	.07	<1	19	87	22	9.88	<.01	10	.15	39	27	<.01	5	20	178	65	<20	4	<.01	<10	<1	<10	<1	84
2-	MR 209	5	2.8	.12	165	4	35	<5	.04	<1	2	56	4	1.78	.16	10	.02	34	11	<.01	<1	630	34	10	<20	6	<.01	<10	3	<10	<1	7
3-	MR 210	<5	<.2	.10	150	6	115	<5	.06	<1	15	<1	2	>15	.03	40	.51	6	<1	.01	<1	520	16	10	<20	4	.02	40	<1	<10	<1	40
4-	MR 212	5	2.2	.08	50	4	10	<5	.01	1	8	156	109	6.05	<.01	<10	.10	54	12	.01	2	30	188	35	<20	2	<.01	<10	2	<10	<1	115
5-	MR 214	<5	.4	.21	45	6	120	<5	.14	3	27	43	14	5.41	.12	10	.10	1272	13	<.01	4	780	300	10	<20	11	<.01	<10	18	<10	2	284
6-	MR 216	20	>30	.05	80	<2	<5	<5	<.01	20	5	172	48	1.05	<.01	<10	.02	71	11	<.01	2	20	>10000	110	<20	5	<.01	<10	8	30	<1	1230
7-	MR 221	5	6.2	.23	75	2	15	<5	.02	<1	9	81	90	4.56	<.01	40	.12	556	23	<.01	2	40	812	15	<20	6	<.01	<10	12	<10	<1	54
8-	MR 222	25	>30	.05	75	<2	<5	<5	<.01	47	6	142	125	.97	<.01	<10	.01	40	9	<.01	2	10	>10000	200	<20	4	<.01	<10	6	50	<1	2509
9-	MR 223	5	>30	.05	45	<2	<5	<5	<.01	58	7	83	84	.81	<.01	<10	.02	113	6	<.01	2	20	>10000	80	<20	37	<.01	<10	5	50	<1	3466
0-	MR 224	45	>30	.08	65	<2	5	<5	.04	60	8	157	85	1.07	<.01	<10	.01	48	11	<.01	2	70	>10000	150	<20	1	<.01	<10	5	80	<1	3683

E 6 TEUTON RESOURCES ETK 91-795 OCTOBER 10, 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
1-	MR 225	25	>30	.14	200	<2	25	5	.02	13	13	139	147	2.82	.01	<10	.05	62	99	<.01	6	350	>10000	30	<20	14	<.01	<10	13	<10	<1	1377
2-	MR 226	30	>30	.08	65	<2	10	<5	.01	107	4	118	105	1.11	.01	<10	.02	50	8	<.01	1	60	>10000	65	<20	9	<.01	<10	9	60	<1	6650
3-	MR 227	5	3.0	.09	340	4	60	<5	.04	3	14	24	58	>15	<.01	30	.37	387	33	.02	<1	60	1130	45	<20	4	.01	20	<1	<10	<1	574
4-	MR 228	10	1.8	.13	25	<2	25	<5	.05	18	3	8	11	1.21	<.01	<10	.09	623	2	<.01	<1	60	2866	<5	<20	167	<.01	<10	7	10	<1	605
5-	MR 229	15	2.0	.68	140	2	40	<5	1.86	7	21	17	26	11.44	.06	20	.57	1506	14	<.01	2	620	1958	20	<20	28	<.01	<10	35	10	<1	503
6-	MR 232	5	3.2	.81	100	2	60	<5	.22	<1	6	61	8	4.56	.09	10	.40	174	4	<.01	1	1230	1130	15	<20	20	<.01	<10	139	<10	<1	97
7-	MR 236	<5	1.8	.29	115	4	20	<5	.13	<1	9	32	35	9.52	<.01	10	.26	151	14	<.01	2	530	238	60	<20	14	<.01	<10	67	<10	<1	43
8-	MR 240	5	10.0	.04	105	2	5	<5	<.01	<1	16	67	21	3.40	<.01	<10	.05	36	14	<.01	2	100	754	10	<20	31	<.01	<10	<1	<10	<1	50
9-	MR 243	30	4.2	.13	255	4	10	<5	.09	7	10	58	10	1.58	<.01	<10	.03	19	16	<.01	2	630	402	5	<20	28	<.01	<10	5	10	<1	479
0-	MR 246	20	1.4	.14	420	4	10	<5	.14	<1	18	95	12	2.66	<.01	<10	.05	92	6	<.01	2	810	56	10	<20	45	<.01	<10	7	<10	<1	26
1-	MR 248	5	8.0	.03	2050	4	10	<5	.01	3	13	120	7	5.27	<.01	<10	.08	19	20	<.01	4	30	218	45	<20	16	<.01	<10	<1	10	<1	630
2-	MR 249	5	>30	.04	870	<2	5	<5	.01	21	11	130	12	2.64	<.01	20	.04	28	15	<.01	2	40	>10000	20	<20	16	<.01	<10	3	40	<1	1230
3-	MR 251	15	>30	.03	1325	<2	10	<5	.01	3	4	120	7	3.08	<.01	<10	.05	20	18	<.01	3	20	6156	45	<20	33	<.01	<10	<1	10	<1	365
4-	MR 252	5	13.4	.02	440	<2	45	<5	<.01	1	<1	113	3	.83	<.01	<10	.01	16	15	<.01	2	70	>10000	20	<20	119	<.01	<10	1	<10	<1	183
5-	MR 253	5	22.4	.08	990	2	10	<5	.02	9	6	105	12	2.55	<.01	<10	.04	24	39	<.01	4	200	2254	30	<20	55	<.01	<10	2	30	<1	1228
6-	MR 254	5	9.6	.02	1235	2	10	<5	<.01	15	6	117	7	2.80	<.01	<10	.04	23	15	<.01	2	50	560	20	<20	57	<.01	<10	<1	30	<1	1475
7-	MR 258	5	5.8	.18	565	6	10	<5	.01	<1	9	74	10	3.85	<.01	10	.07	16	10	<.01	3	160	104	40	<20	8	<.01	<10	5	<10	<1	71
8-	MR 260	10	>30	.29	200	<2	25	<5	.03	<1	9	109	164	10.98	.08	10	.24	39	59	<.01	2	300	6614	95	<20	10	<.01	<10	20	<10	<1	73
9-	MR 266	5	>30	.17	260	<2	25	<5	.01	181	43	91	341	11.75	.14	10	.18	4	12	<.01	11	20	>10000	200	<20	18	<.01	<10	<1	60	<1	5952
0-	MR 267	<5	>30	.24	380	2	20	<5	.10	38	25	68	256	9.85	.05	10	.16	13	15	<.01	5	660	3424	75	<20	6	<.01	<10	6	40	<1	2109
1-	MR 269	5	>30	.19	260	4	25	<5	.02	33	15	95	174	8.97	.09	10	.14	15	18	<.01	5	160	3212	160	<20	5	<.01	<10	4	30	<1	2279
2-	MR 270A	20	>30	.01	165	<2	85	95	.36	>1000	28	<1	>10000	>15	<.01	30	1.75	>10000	5	<.01	1	230	>10000	115	<20	2	.01	30	<1	70	<1	>10000
3-	MR 270B	5	>30	.01	310	2	115	15	.45	60	20	<1	>10000	>15	<.01	50	2.23	>10000	1	<.01	<1	60	3210	260	20	2	.01	50	<1	80	<1	4005
4-	MR 270C	35	>30	.01	190	<2	80	95	.43	>1000	43	<1	>10000	>15	<.01	30	1.71	>10000	12	<.01	<1	90	>10000	110	<20	3	.01	40	<1	80	<1	>10000
5-	MR 270D	20	>30	.01	230	<2	110	120	.51	>1000	33	<1	>10000	>15	<.01	50	2.44	>10000	10	<.01	3	140	>10000	165	20	<1	.01	50	<1	60	<1	>10000
6-	MR 270E	150	>30	.02	240	<2	110	220	.43	774	24	<1	>10000	>15	<.01	50	2.10	>10000	3	<.01	13	110	3192	210	20	2	.01	40	<1	50	<1	>10000
7-	MR 271	10	21.0	.66	330	<2	35	5	7.17	372	24	36	367	14.13	<.01	20	.59	7195	13	<.01	10	160	>10000	80	<20	229	.01	<10	67	40	<1	>10000
8-	MR 278	25	>30	.13	630	8	55	<5	.08	3	16	82	207	>15	<.01	20	.31	664	92	<.01	3	250	456	460	<20	12	.01	20	127	<10	<1	452
9-	MR 283	20	4.4	.10	215	6	30	<5	.09	2	15	123	99	7.80	.01	10	.12	391	15	<.01	3	400	136	25	<20	6	<.01	<10	<1	<10	<1	248
0-	MR 287	25	3.8	.06	140	4	25	<5	.02	1	9	68	87	9.77	.01	10	.15	73	17	<.01	2	20	96	35	<20	2	<.01	<10	<1	<10	<1	133
1-	MR 288	10	1.6	.20	140	6	30	<5	.02	<1	8	166	39	10.54	<.01	10	.20	108	28	<.01	2	10	64	30	<20	3	<.01	<10	19	<10	<1	64
2-	MR 289	15	2.4	.12	120	4	25	<5	<.01	<1	2	101	17	2.09	.13	<10	.03	25	8	<.01	1	90	134	10	<20	4	<.01	<10	<1	<10	<1	50

.GE 7 TEUTON RESOURCES ETK 91-795 OCTOBER 10, 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
03-	MR 290	5	9.4	.08	65	4	55	<5	.02	<1	5	314	20	2.04	.06	<10	.03	54	26	<.01	5	110	1460	75	<20	8	<.01	<10	3	<10	<1	44
04-	MR 292	10	4.2	.10	1605	6	30	<5	.01	<1	18	60	21	10.49	<.01	10	.15	7	13	.01	2	30	218	125	<20	3	<.01	<10	<1	<10	<1	32
05-	MR 294	5	2.8	.17	1010	6	35	<5	.02	1	29	93	20	12.93	<.01	10	.20	1	10	.01	6	10	114	315	<20	3	<.01	<10	<1	<10	<1	343
06-	MR 295	5	4.2	.14	1025	6	35	<5	.02	<1	25	62	17	10.80	<.01	10	.16	4	10	.01	4	140	174	130	<20	3	<.01	<10	<1	<10	<1	142
07-	MR 296	5	.4	.50	430	6	90	<5	.12	<1	8	52	8	8.68	<.01	20	.24	157	8	<.01	<1	900	50	15	<20	11	.02	<10	49	<10	<1	159
08-	MR 297	5	2.4	.19	70	6	30	<5	.01	<1	7	99	15	1.99	.18	10	.03	89	7	.01	3	160	92	10	<20	6	<.01	<10	3	<10	<1	57
09-	MR 300	30	7.2	.19	180	6	15	<5	<.01	<1	10	140	24	3.36	.14	<10	.05	242	13	<.01	3	20	110	105	<20	2	<.01	<10	5	<10	<1	80
10-	MR 301	10	1.6	.12	675	6	25	<5	.02	<1	12	96	13	6.96	<.01	10	.11	66	11	.01	3	90	88	55	<20	5	<.01	<10	<1	<10	<1	74
11-	MR 302	5	1.0	.11	245	4	20	<5	.01	<1	9	162	13	2.68	.06	<10	.04	68	13	<.01	3	50	116	35	<20	6	<.01	<10	1	<10	<1	245
12-	MR 303	5	.4	.16	150	4	25	<5	<.01	<1	2	68	5	3.75	.13	10	.06	26	13	.01	2	110	26	20	<20	7	<.01	<10	<1	<10	<1	15
13-	MR 304	5	1.8	.17	205	6	30	<5	<.01	<1	2	107	8	2.91	.17	10	.05	45	71	<.01	2	20	52	40	<20	3	<.01	<10	1	<10	<1	92
14-	MR 306	5	1.6	.17	245	6	20	<5	<.01	<1	2	141	8	3.18	.11	<10	.05	49	96	.01	3	20	32	70	<20	3	<.01	<10	<1	<10	<1	22
15-	MR 313	5	1.4	.20	50	6	40	<5	<.01	<1	2	72	6	1.27	.21	10	.02	33	8	<.01	1	30	38	10	<20	3	<.01	<10	1	<10	<1	30
16-	MR 314	5	13.2	.14	215	4	30	<5	<.01	<1	19	101	21	2.23	.17	<10	.03	33	18	<.01	3	60	1242	70	<20	4	<.01	<10	1	<10	<1	69
17-	MR 315	5	1.8	.16	265	4	20	<5	<.01	<1	2	134	9	2.86	.08	10	.04	26	10	.01	3	50	170	40	<20	5	<.01	<10	1	<10	<1	41
18-	MR 316	5	3.8	.16	165	6	30	<5	.03	<1	7	69	8	11.37	.08	20	.18	82	32	.01	1	170	296	60	<20	9	.01	<10	<1	<10	<1	75
19-	MR 317	10	5.4	.08	370	6	40	<5	.02	3	10	75	11	13.76	<.01	10	.20	<1	34	<.01	1	50	368	145	<20	4	<.01	10	<1	<10	<1	227
20-	MR 318A	5	5.2	.04	85	4	25	<5	<.01	<1	2	175	8	2.58	.05	10	.03	37	24	<.01	2	50	106	50	<20	3	<.01	<10	5	<10	<1	20
21-	MR 318B	15	5.6	.09	85	4	15	<5	<.01	<1	5	207	93	4.51	.05	<10	.07	56	19	<.01	3	60	98	65	<20	5	<.01	<10	3	<10	<1	63
22-	MR 319	5	4.2	.09	105	6	25	<5	.01	<1	6	127	10	8.16	.05	10	.12	27	22	<.01	2	50	62	80	<20	3	<.01	<10	<1	<10	<1	55
23-	MR 325	5	16.0	.18	120	4	55	<5	<.01	<1	9	151	48	1.52	.15	20	.03	40	10	<.01	4	90	692	35	<20	6	<.01	<10	3	<10	<1	66
24-	MR 326	5	>30	.17	200	<2	45	<5	<.01	3	11	105	72	1.83	.07	10	.03	47	17	<.01	3	300	5742	110	<20	5	<.01	<10	4	<10	<1	205
25-	MR 327	5	8.8	.16	50	4	60	<5	.02	1	14	201	45	1.26	.16	10	.02	45	11	.01	4	220	622	20	<20	7	<.01	<10	4	<10	<1	91
26-	MT 230	5	5.0	.27	710	6	115	<5	.03	<1	17	5	35	>15	<.01	30	.33	216	50	.01	<1	800	512	240	<20	10	.01	20	116	<10	<1	144
27-	MT 231	10	4.6	.26	660	6	105	<5	.03	<1	18	4	33	>15	<.01	40	.34	213	43	.01	<1	770	480	225	<20	10	.01	20	127	<10	<1	152
28-	MT 241	50	.4	1.11	75	6	1005	<5	.16	<1	12	20	33	4.50	.17	20	.39	386	3	<.01	5	1100	88	10	<20	33	.04	<10	54	<10	<1	87
29-	MT 242	5	.2	.73	25	6	315	<5	.27	<1	15	18	18	3.14	.21	20	.23	296	1	<.01	3	1450	32	<5	<20	9	.02	<10	34	<10	5	86
30-	MT 244	5	.2	.69	105	6	460	<5	.28	<1	16	17	19	4.63	.19	20	.25	790	1	<.01	4	1390	28	5	<20	16	.02	<10	39	<10	1	92
31-	MT 245	5	<.2	.75	25	6	855	<5	.32	<1	14	12	16	4.32	.26	20	.24	941	1	<.01	3	1450	20	5	<20	23	.02	<10	43	<10	2	84
32-	MT 247	5	<.2	1.21	35	6	155	<5	.29	<1	16	22	16	3.80	.23	30	.53	723	1	<.01	5	1280	26	5	<20	11	.02	<10	40	<10	3	102
33-	MT 250	5	>30	.53	1035	4	220	<5	.14	<1	16	19	23	5.15	<.01	20	.18	158	13	<.01	1	1140	1884	55	<20	17	<.01	<10	18	<10	<1	242
34-	MT 264	5	1.6	.69	45	6	150	<5	.44	3	12	74	22	2.65	.20	20	.23	881	5	<.01	3	880	140	5	<20	20	.01	<10	21	<10	3	240
35-	MT 277	25	>30	.43	295	6	195	<5	.10	<1	10	44	23	11.37	.04	40	.23	445	78	<.01	2	740	380	525	<20	14	.03	<10	78	<10	<1	88
36-	SR 001	10	5.2	.09	1395	4	40	<5	.56	<1	16	101	19	12.89	<.01	30	.19	239	16	<.01	2	420	134	95	<20	43	<.01	<10	<1	<10	<1	148
37-	SR 002	5	3.4	.26	250	6	30	<5	.17	1	12	47	13	9.21	.18	20	.14	26	7	<.01	3	1070	198	35	<20	15	<.01	<10	3	<10	<1	332

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
238-	SR 003	10	17.6	.29	2330	8	30	<5	.14	15	38	73	91	10.92	<.01	20	.17	16	17	<.01	9	690	556	95	<20	8	<.01	<10	8	<10	<1	1098
239-	SR 004	5	5.2	.87	390	6	30	<5	.21	14	24	84	43	4.63	<.01	10	.28	248	13	<.01	6	900	462	25	<20	17	<.01	<10	68	10	<1	388
240-	SR 005	5	.4	.47	20	8	60	<5	.54	10	5	27	45	2.54	.38	30	.16	333	1	<.01	1	2080	22	5	<20	17	<.01	<10	24	20	9	1340
241-	SR 006A	<5	16.8	.28	555	6	25	<5	.20	4	14	58	78	5.94	.04	20	.09	67	8	<.01	3	1340	636	45	<20	8	<.01	<10	11	10	<1	579
242-	SR 006B	<5	8.6	.17	170	6	20	<5	.15	7	12	100	54	4.39	.09	10	.11	243	9	<.01	5	550	392	20	<20	10	<.01	<10	11	<10	<1	450
243-	SR 007	<5	14.0	.09	250	4	35	<5	.08	3	16	105	49	12.88	<.01	40	.19	52	46	.01	5	70	2650	70	<20	9	<.01	<10	<1	<10	<1	410
244-	SR 007A	<5	5.6	.30	170	8	35	<5	.23	2	19	70	61	11.78	.18	30	.19	93	30	<.01	4	1040	782	40	<20	6	<.01	<10	6	<10	<1	648
245-	SR 007B	5	7.6	.42	140	10	40	<5	.33	1	31	29	65	3.94	.30	20	.12	248	4	<.01	7	1850	328	20	<20	23	<.01	<10	20	<10	4	165
246-	SR 008	<5	16.2	.29	205	8	30	<5	.20	1	38	36	48	10.10	.17	30	.16	51	14	<.01	6	1030	1426	55	<20	10	<.01	<10	11	<10	<1	109
247-	SR 009	5	4.2	.17	60	4	75	<5	.01	<1	3	101	13	3.63	.21	<10	.05	24	14	<.01	1	180	76	20	<20	4	<.01	<10	5	<10	<1	19
248-	SR 009A	5	2.4	.90	175	6	30	<5	.29	<1	15	57	35	6.58	.06	40	.23	181	3	<.01	1	1320	58	20	<20	13	<.01	<10	69	<10	<1	47
249-	SR 009B	5	1.6	.14	35	6	25	<5	.01	<1	4	138	6	2.10	.19	30	.03	29	8	<.01	2	230	54	5	<20	5	<.01	<10	3	<10	<1	8
250-	SR 010	5	3.8	.16	170	8	25	<5	.01	<1	6	143	7	7.93	.16	20	.11	23	9	<.01	2	100	78	30	<20	4	<.01	<10	<1	<10	<1	46
251-	SR 011	10	25.8	.09	60	<2	10	<5	.34	4	62	110	112	2.63	.06	<10	.05	190	12	<.01	7	390	>10000	25	<20	51	<.01	<10	3	<10	<1	118
252-	SR 012	320	17.4	.29	2250	10	135	<5	.10	<1	20	21	41	>15	<.01	60	.31	354	190	<.01	1	1020	360	565	<20	8	.01	10	<1	<10	<1	382
253-	SR 013	20	5.4	.26	65	6	25	<5	1.67	<1	16	119	8	7.37	.08	20	.44	787	8	<.01	2	390	218	30	<20	31	<.01	<10	22	<10	<1	41
254-	SR 014	10	.4	.26	25	10	400	<5	.38	<1	6	62	6	3.96	.20	20	.21	319	3	<.01	2	1360	96	5	<20	21	<.01	<10	14	<10	1	39
255-	SR 015	10	<.2	.37	15	10	215	<5	1.54	<1	5	46	6	2.35	.26	20	.08	621	2	<.01	2	850	28	10	<20	15	.02	<10	42	<10	5	29
256-	SR 015A	5	.4	1.57	120	10	35	<5	.52	<1	22	39	14	7.86	.16	20	.53	818	15	<.01	5	1260	68	25	<20	16	<.01	<10	57	<10	<1	95
257-	SR 016	5	2.8	.30	90	8	20	<5	.25	7	15	47	15	5.49	.22	20	.09	63	33	<.01	5	1230	1346	30	<20	8	<.01	<10	14	10	<1	905
258-	SR 017	45	14.8	.19	580	10	55	<5	.03	<1	11	18	24	>15	.27	40	.22	181	59	.01	<1	700	216	130	<20	18	.01	<10	22	<10	<1	33
259-	SR 018	5	2.0	1.84	50	8	50	<5	.28	<1	13	67	108	6.37	.16	20	.63	589	5	<.01	4	1230	138	20	<20	7	<.01	<10	66	<10	<1	339
260-	SR 019	5	7.2	.20	25	4	15	<5	>15	<1	4	9	39	2.42	.01	20	.16	>10000	4	<.01	<1	200	710	10	<20	181	<.01	<10	28	<10	7	63
261-	SR 020	10	>30	.48	930	<2	10	<5	.53	828	211	46	681	9.36	<.01	40	.19	316	14	<.01	27	940	>10000	90	<20	12	<.01	<10	31	60	<1	>10000
262-	SR 021	10	>30	.24	165	4	20	<5	.33	18	55	37	156	5.00	.15	20	.12	290	24	<.01	8	1380	4480	40	<20	13	<.01	<10	12	40	<1	1649
263-	SR 022	5	7.2	1.12	135	8	45	<5	.17	6	49	116	91	4.40	.07	10	.41	336	10	<.01	13	640	824	25	<20	17	<.01	<10	100	<10	<1	545
264-	SR 023	5	6.2	.35	60	12	20	<5	.42	17	18	23	58	6.32	.28	30	.10	44	3	<.01	5	1750	74	15	<20	8	<.01	<10	11	<10	<1	426
265-	SR 024	5	2.0	.10	15	6	40	<5	11.92	2	4	71	12	1.59	.07	10	.12	3276	3	<.01	3	310	68	10	<20	559	<.01	<10	4	10	6	223
266-	SR 025	5	9.0	.15	20	<2	60	<5	3.63	164	5	45	56	3.42	.11	10	.24	2093	2	<.01	1	800	2962	25	<20	322	<.01	<10	6	50	4	>10000
267-	SR 026	20	2.8	.27	70	8	205	<5	.10	12	3	112	12	1.23	.28	10	.02	72	11	<.01	3	210	594	20	<20	11	<.01	<10	4	10	<1	902
268-	SR 026A	5	4.6	.17	125	8	130	<5	.04	9	1	117	10	.77	.23	10	.01	51	10	<.01	1	380	1830	15	<20	10	<.01	<10	1	10	<1	716
269-	SR 026B	10	3.4	.21	170	8	120	<5	.57	<1	2	83	9	.96	.17	10	.01	35	9	<.01	1	3050	728	15	<20	29	<.01	<10	2	<10	6	121
270-	SR 027	5	3.0	.94	105	8	100	<5	8.63	<1	7	46	7	4.87	<.01	10	2.57	>10000	3	<.01	<1	210	38	20	<20	148	<.01	<10	15	<10	2	139

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
271-	SR 028	10	.2	.02	75	10	535	<5	.07	<1	5	151	15	7.78	<.01	<10	.12	520	13	<.01	6	10	228	35	<20	14	<.01	<10	12	60	<1	96
272-	SR 029	5	5.0	1.41	1420	14	40	<5	.30	<1	33	11	96	11.39	<.01	10	.60	649	4	<.01	5	1640	156	110	<20	13	.01	<10	111	<10	<1	114
273-	SR 030	25	14.8	.19	45	6	100	5	.86	69	21	91	2976	1.82	.12	30	.07	4960	12	<.01	7	310	1154	15	<20	36	<.01	<10	6	40	5	2387
274-	SR 031	5	3.0	.18	50	8	565	<5	1.80	5	17	57	95	1.97	.12	20	.07	7239	6	<.01	4	410	458	5	<20	16	<.01	<10	3	<10	5	408
275-	SR 032	70	>30	.13	170	2	55	<5	2.57	35	29	46	2172	6.69	.03	20	.58	6398	57	<.01	2	160	5130	45	<20	45	<.01	<10	3	70	<1	4181
276-	SR 033	5	27.8	.10	40	10	420	<5	.09	1	2	187	172	.65	.06	<10	.01	822	14	.01	2	130	80	145	<20	12	<.01	<10	<1	<10	3	96
277-	SR 034	<5	18.2	2.07	110	<2	30	<5	1.41	<1	78	21	1282	11.68	<.01	20	2.69	7233	81	<.01	12	680	>10000	25	<20	24	<.01	10	145	<10	<1	225
278-	SR 035	10	3.6	.85	15	8	290	<5	2.15	<1	11	53	705	2.98	.14	10	.62	2906	5	<.01	1	810	100	5	<20	56	<.01	<10	34	<10	4	94
279-	SR 036	5	2.6	.11	35	8	385	<5	3.16	<1	10	51	571	1.57	.07	10	.44	6766	5	<.01	3	190	146	5	<20	61	<.01	<10	7	<10	5	68
280-	SR 037	10	6.4	.12	80	6	20	<5	1.80	13	29	72	812	2.94	.09	<10	.51	3058	42	<.01	3	330	2350	10	<20	38	<.01	<10	5	10	2	1559
281-	SR 039	<5	5.0	.12	55	10	35	<5	.04	<1	4	155	18	3.91	.19	10	.06	98	15	.01	5	510	144	15	<20	14	<.01	<10	21	<10	<1	30
282-	SR 039A	<5	3.2	.30	55	14	25	<5	.10	<1	6	28	17	6.13	.38	10	.12	125	15	.01	1	930	208	35	<20	20	.01	<10	45	<10	<1	22
283-	SR 043	<5	.8	2.05	45	10	365	<5	.88	<1	20	25	27	6.50	.23	10	1.67	2178	1	<.01	5	2270	94	15	<20	37	.03	<10	90	<10	1	289
284-	SR 045	<5	>30	2.84	5	<2	30	<5	7.28	552	17	31	2768	4.11	3.00	10	.55	1221	5	<.01	3	670	>10000	30	<20	26	.02	<10	113	70	4	>10000
285-	SR 046	<5	>30	.08	30	<2	15	105	.20	903	8	38	645	1.53	.01	<10	.03	924	9	<.01	1	<10	>10000	380	<20	5	<.01	20	2	90	<1	>10000
286-	SR 047	<5	13.2	.61	90	6	25	<5	1.49	32	11	58	386	4.55	.46	<10	.13	1891	11	<.01	<1	480	4018	20	<20	65	.01	<10	12	60	<1	3054
287-	SR 048	5	4.4	.33	40	8	265	<5	.24	7	6	68	24	2.60	.21	20	.09	488	9	<.01	2	920	2598	5	<20	12	.01	<10	8	<10	4	616
288-	SR 049	<5	5.2	.82	30	10	295	<5	.39	10	12	40	14	3.76	.26	10	.37	1971	3	<.01	3	1340	1450	10	<20	14	.04	<10	36	10	4	1344
289-	SR 050	5	1.6	.77	20	10	160	<5	.33	2	10	39	13	3.37	.21	20	.41	1174	4	<.01	2	1070	362	5	<20	9	.02	<10	24	<10	4	496
290-	SR 052	5	1.4	1.12	35	10	150	<5	.52	1	16	33	33	3.93	.19	20	.52	1695	2	<.01	4	1290	160	10	<20	12	.01	<10	37	<10	3	280
291-	SR 053	5	.8	.90	35	12	210	<5	.51	1	13	45	14	3.65	.19	20	.50	1592	4	<.01	3	950	112	5	<20	12	.02	<10	20	<10	3	291
292-	SR 054	10	<.2	1.60	15	12	105	<5	.72	<1	19	14	9	4.20	.26	20	1.27	1098	<1	<.01	3	1310	44	5	<20	12	.02	<10	31	<10	2	216
293-	SR 055	5	1.2	.32	65	8	80	<5	.15	1	5	71	30	2.52	.16	10	.11	242	26	.01	2	770	158	5	<20	6	<.01	<10	8	<10	<1	147
294-	SR 058	5	.4	2.41	30	14	590	<5	2.22	<1	28	25	42	6.50	.24	10	1.67	3132	1	<.01	8	1540	132	10	<20	43	.02	<10	155	<10	3	391
295-	SR 059	5	.6	2.38	20	14	270	<5	1.65	2	24	21	31	5.96	.18	10	1.70	1758	1	<.01	4	1540	88	15	<20	34	.01	<10	108	<10	1	447
296-	SR 061	5	.2	2.90	25	12	205	<5	2.23	<1	34	52	19	7.76	.11	10	1.86	3352	2	<.01	9	1140	56	20	<20	33	.01	<10	200	<10	<1	591
297-	SR 062	<5	4.2	1.05	410	10	30	<5	.19	<1	23	19	27	10.34	.08	<10	.44	440	2	.02	6	1180	420	35	<20	11	<.01	<10	97	<10	<1	185
298-	SR 064	5	7.6	.44	175	<2	45	<5	1.98	57	36	24	74	4.97	.10	20	.44	7412	5	<.01	5	1150	8432	15	<20	18	.04	<10	63	80	13	5102
299-	SR 064A	25	4.2	.34	240	8	275	<5	.21	<1	54	19	23	5.34	.16	10	.10	3233	6	<.01	9	990	374	5	<20	13	<.01	<10	17	<10	6	143
300-	SR 066	10	4.4	1.84	150	12	35	<5	.69	<1	36	9	31	10.58	.15	20	.89	2343	2	<.01	8	1370	150	35	<20	13	<.01	<10	128	<10	<1	296
301-	SR 068	20	1.8	.14	145	10	65	<5	.03	<1	28	37	11	13.71	.16	<10	.21	1212	19	.01	3	230	112	70	<20	5	<.01	10	<1	<10	<1	436
302-	SR 071	10	2.6	.23	90	10	35	<5	.06	<1	9	67	13	7.55	.15	10	.12	1425	12	.01	1	890	68	20	<20	14	<.01	<10	3	<10	<1	229
303-	SR 072	5	.2	.60	85	10	85	<5	.46	1	15	16	1	7.92	.34	30	.19	1785	1	<.01	4	1570	20	5	<20	21	<.01	<10	17	<10	1	243
304-	SR 072A	10	5.0	.24	295	8	20	<5	.06	6	15	115	47	3.46	.04	<10	.09	95	16	<.01	3	420	504	40	<20	8	<.01	<10	30	10	<1	636
305-	SR 073	5	1.8	.12	20	6	10	<5	.02	<1	2	74	3	2.02	.16	<10	.03	42	10	<.01	<1	20	64	10	<20	4	<.01	<10	1	<10	<1	28
306-	SR 073A	10	2.2	.01	45	6	45	<5	>15	1	5	12	34	5.36	<.01	<10	.19	6055	7	<.01	<1	<10	560	20	<20	222	<.01	60	<1	40	<1	274
307-	SR 073B	10	1.2	.34	60	6	55	<5	4.05	<1	3	67	33	3.12	.07	10	.11	1444	8	<.01	<1	510	38	15	<20	65	<.01	<10	25	<10	<1	61
308-	SR 073C	5	<.2	.09	75	6	20	<5	11.55	<1	4	17	7	4.11	.01	10	.08	2572	6	<.01	<1	290	50	10	<20	79	<.01	10	11	10	1	94

: 10 TEUTON RESOURCES ETK 91-795 OCTOBER 10, 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
9-	SR	074	5	2.0	.16	105	6	20	<5	>15	1	4	17	5	3.47	<.01	10	.13	4136	7	<.01	<1	180	78	25	<20	738	<.01	<10	9	10	<1	197
0-	SR	075	10	16.8	.10	665	6	<5	<5	6.02	<1	9	<1	101	14.58	<.01	20	.26	4206	8	<.01	1	130	88	165	<20	273	<.01	<10	<1	<10	<1	71
1-	SR	076	5	14.0	.06	140	6	15	<5	.39	<1	9	19	28	10.35	<.01	<10	.15	119	11	<.01	<1	50	118	95	<20	19	<.01	<10	<1	10	<1	80
2-	SR	077	10	11.8	.02	50	6	5	<5	.22	<1	4	54	28	6.24	.01	<10	.10	98	16	<.01	<1	20	272	75	<20	6	<.01	<10	<1	<10	<1	10
3-	SR	078	5	19.4	.27	135	164	25	<5	2.14	13	6	24	26	10.63	.10	<10	.16	30	40	<.01	<1	<10	1662	120	<20	9	<.01	20	42	<10	<1	573
4-	SR	080	5	>30	.14	25	<2	15	<5	.42	9	6	31	4	1.24	.14	10	.08	116	3	<.01	<1	610	>10000	35	<20	41	<.01	<10	2	<10	2	268
5-	SR	081	5	.6	.55	20	6	55	<5	.17	<1	2	28	6	2.84	.17	10	.12	112	3	<.01	<1	950	108	10	<20	16	<.01	<10	28	<10	<1	30
6-	SR	082	<5	.6	.44	35	6	75	<5	.10	<1	4	11	8	3.87	.17	10	.12	135	1	<.01	<1	1040	78	10	<20	22	<.01	<10	24	<10	<1	49
7-	SR	083	10	.4	.32	215	6	130	<5	.07	<1	4	16	10	4.76	.17	10	.09	193	3	<.01	<1	1110	70	15	<20	10	<.01	<10	23	<10	<1	113
8-	SR	084	10	.2	.42	5	6	55	<5	.01	<1	3	22	2	.70	.19	30	.07	166	1	<.01	<1	80	46	<5	<20	5	<.01	<10	1	<10	1	120
9-	SR	084A	10	.4	.88	25	6	55	<5	.01	<1	4	23	5	3.66	.19	30	.25	114	4	<.01	<1	190	92	15	<20	6	<.01	<10	4	<10	<1	210
0-	SR	084B	<5	<.2	1.36	35	8	35	<5	.04	<1	10	34	4	3.26	.15	40	.40	274	4	<.01	<1	250	26	20	<20	8	<.01	<10	6	<10	<1	172
1-	SR	084C	10	<.2	.39	200	6	40	<5	<.01	<1	2	77	4	1.04	.06	10	.10	77	5	<.01	<1	20	20	5	<20	5	<.01	<10	3	<10	<1	62
2-	SR	085	5	8.4	.08	50	6	15	<5	.01	1	6	77	28	1.24	.06	<10	.02	100	8	<.01	<1	100	476	20	<20	6	<.01	<10	2	<10	<1	61
3-	SR	086	10	2.6	.08	25	6	5	<5	<.01	<1	1	48	6	2.55	.13	<10	.04	21	8	.01	<1	40	30	20	<20	2	<.01	<10	2	<10	<1	8
4-	SR	087A	<5	4.0	.04	135	6	15	<5	<.01	<1	2	66	5	3.80	.38	<10	.06	17	28	.01	<1	240	72	55	<20	29	<.01	<10	1	<10	<1	13
5-	SR	088A	5	9.8	.09	95	4	10	<5	.01	<1	1	41	5	1.66	.11	10	.02	18	14	<.01	<1	450	1496	20	<20	8	<.01	<10	<1	<10	<1	91
6-	SR	088B	5	3.6	.11	135	4	60	<5	.02	<1	2	58	17	1.15	.17	10	.02	62	6	<.01	<1	110	476	15	<20	5	<.01	<10	<1	<10	<1	106
7-	SR	089A	5	7.4	.20	450	8	5	<5	.01	<1	13	14	19	4.87	.01	<10	.09	1	3	.01	<1	50	310	70	<20	4	<.01	<10	8	<10	<1	75
8-	SR	089B	5	3.4	.17	80	6	100	<5	<.01	<1	<1	36	3	1.17	.26	10	.02	9	4	<.01	<1	230	376	25	<20	6	<.01	<10	3	<10	<1	33
9-	SR	090A	5	12.2	.20	120	4	25	<5	.05	4	12	88	45	1.35	.17	10	.02	39	9	.01	1	530	1468	35	<20	16	<.01	<10	2	<10	<1	234
0-	SR	090B	5	3.4	.31	105	2	160	<5	.02	3	3	33	56	4.34	.24	10	.08	18	3	<.01	<1	680	1882	20	<20	8	<.01	<10	15	10	<1	269
1-	SR	091A	<5	3.6	.13	40	4	60	<5	<.01	<1	<1	40	7	1.10	.18	<10	.02	13	5	.01	<1	180	688	10	<20	2	<.01	<10	<1	<10	<1	15

S: < = less than
> = greater than

TERRA NOVA
R.R. # 1 L-9
BOWEN ISLAND, B.C.
VON 1S0
ATTN: B.V. BALL

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

A P E N D I X   D

SOIL, TALUS AND STREAM SEDIMENT ANALYSES

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

TEUTON RESOURCES CORP. ETK 91-795 OCTOBER 10, 1991

ET#	Description	AG (g/t)	AG (oz/t)	CU (%)	ZN (%)	PB (%)
235-	MT 277	33.2	.97	-	-	-
251-	SR 011	-	-	-	-	1.40
261-	SR 020	64.4	1.88	-	1.80	1.32
262-	SR 021	38.2	1.11	-	-	-
266-	SR 025	-	.00	-	1.68	-
275-	SR 032	47.2	1.38	-	-	-
277-	SR 034	-	-	-	-	1.52
284-	SR 045	34.0	.99	-	4.56	2.24
285-	SR 046	351.2	10.24	-	4.96	40.60
314-	SR 080	49.4	1.44	-	-	1.78

ECO-TECH LABORATORIES LTD.
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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 91-802
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

BER 10,1991

ES IN PPM UNLESS OTHERWISE REPORTED

COPY

PROJECT: BARITE / VON
60 SILT SAMPLES RECEIVED OCTOBER 3, 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
- BS 408	• 5	1.0	1.25	75	4	615	<5	.17	<1	15	6	31	3.76	.02	10	.47	4170	3	.01	4	990	50	10	<20	13	.02	<10	37	<10	7	155
- BS 411	• 5	.4	1.42	50	6	270	<5	.13	<1	13	7	19	3.02	.03	10	.52	1617	2	<.01	6	820	44	5	<20	12	.02	<10	39	10	4	118
- MS 201	• 5	1.4	1.55	70	8	955	<5	.38	2	22	6	87	4.10	.15	20	.64	3377	1	<.01	6	1500	182	10	<20	21	.01	<10	45	<10	12	301
- MS 202	• 5	1.0	1.36	60	6	685	<5	.24	2	19	5	42	3.97	.07	10	.64	4609	2	<.01	5	970	102	10	<20	15	.02	<10	47	<10	5	202
- MS 203	• 5	1.4	1.46	65	6	970	<5	.25	3	23	5	59	4.47	.08	20	.66	6575	3	<.01	6	1090	124	10	<20	16	.02	<10	51	10	8	227
- MS 204	• 5	.2	.89	45	8	325	<5	.35	<1	12	4	16	3.94	.04	10	.60	659	<1	<.01	1	1130	44	10	<20	16	.02	<10	61	<10	3	119
- MS 205	• 5	.4	1.02	45	8	310	<5	.29	<1	12	4	18	3.51	.05	10	.54	880	1	<.01	1	1000	52	5	<20	15	.02	<10	48	<10	5	130
- MS 206	• 5	.2	.83	40	8	265	<5	.28	<1	11	3	15	3.21	.04	10	.52	839	<1	<.01	<1	1000	42	5	<20	14	.02	<10	45	<10	4	118
- MS 208	• 5	.2	.75	50	6	230	<5	.33	<1	14	3	19	4.02	.03	10	.55	986	<1	.01	2	1200	42	10	<20	14	.03	<10	51	<10	4	118
- MS 211	• 5	.2	.69	40	8	240	<5	.33	<1	12	3	15	3.34	.03	10	.53	818	<1	<.01	1	1170	32	5	<20	13	.03	<10	44	<10	4	111
- MS 213	• 20	.4	.70	45	8	160	<5	.33	<1	12	2	17	3.45	.03	10	.56	777	1	<.01	<1	1150	78	10	<20	12	.02	<10	41	<10	3	110
- MS 215	• 20	.2	.65	35	6	205	<5	.38	<1	11	2	14	2.99	.03	10	.52	609	<1	<.01	1	1140	20	10	<20	13	.03	<10	37	<10	4	96
- MS 217	10	.4	.85	55	8	495	<5	.38	<1	18	3	25	4.10	.06	10	.59	1486	<1	<.01	3	1360	44	10	<20	18	.04	<10	54	<10	6	158
- MS 218	5	.4	.75	45	8	800	<5	.36	<1	13	3	20	3.49	.05	10	.45	1436	<1	<.01	2	1320	86	10	<20	21	.03	<10	39	<10	6	150
- MS 219	5	.2	.85	45	8	350	<5	.34	<1	15	4	17	3.95	.04	10	.56	1006	<1	<.01	3	1260	64	15	<20	15	.03	<10	51	<10	5	145
- MS 220	• 5	.2	.88	50	8	275	<5	.36	<1	16	3	18	4.11	.03	10	.67	954	<1	<.01	2	1340	44	10	<20	14	.03	<10	52	10	5	142
- MS 237	• 5	.2	.90	50	8	320	<5	.35	<1	16	4	18	4.48	.05	10	.67	1105	<1	<.01	2	1270	42	10	<20	14	.03	<10	57	10	4	147
- MS 238	• 5	.6	.76	45	8	580	<5	.36	<1	13	4	19	3.80	.04	10	.47	1059	<1	<.01	2	1260	106	5	<20	17	.02	<10	42	<10	4	159
- MS 239	• 5	.4	.74	40	8	420	<5	.31	<1	13	3	18	3.71	.04	10	.48	1202	1	<.01	1	1150	64	5	<20	13	.02	<10	42	<10	4	140
- MS 255	• 5	1.8	1.39	70	8	955	<5	.35	1	14	5	29	3.56	.04	20	.49	3191	3	.01	2	1080	148	10	<20	26	.02	<10	37	<10	10	189
- MS 256	• 10	1.4	.63	55	8	145	<5	.27	1	8	2	20	2.78	.04	10	.25	1383	1	<.01	<1	810	64	10	<20	17	.01	<10	25	<10	3	184
- MS 257	5	1.0	.63	55	8	110	<5	.31	1	9	1	19	2.52	.06	10	.24	1331	1	<.01	<1	900	46	10	<20	19	.01	<10	21	<10	4	216
- MS 259	• 5	1.6	.66	60	8	105	<5	.23	3	20	2	61	2.77	.04	10	.24	1905	2	<.01	2	870	238	10	<20	14	.01	<10	21	<10	4	345
- MS 273	5	1.4	.45	65	6	65	<5	.36	1	7	<1	11	2.59	.02	10	.22	826	1	<.01	<1	740	48	10	<20	17	.01	<10	18	<10	2	145
- MS 274	5	2.2	.44	75	6	50	<5	.46	1	7	<1	12	2.65	.01	10	.20	695	1	<.01	<1	650	76	10	<20	20	.01	<10	15	10	1	154
- MS 275	5	2.6	.43	95	8	40	<5	.32	1	7	<1	14	2.95	.01	10	.21	757	1	<.01	<1	670	66	10	<20	16	.01	<10	17	<10	1	155
- MS 276	5	1.4	.46	65	6	60	<5	.81	1	7	<1	17	2.56	.01	10	.24	935	1	<.01	1	790	78	10	<20	26	.01	<10	15	10	2	181
- MS 279	• 5	.8	.64	50	6	55	<5	.10	<1	7	<1	11	2.77	.02	10	.20	409	1	<.01	<1	460	58	5	<20	11	.01	<10	9	<10	<1	120
- MS 280	5	1.0	.82	65	6	95	<5	.14	<1	10	<1	16	3.63	.03	10	.25	560	1	<.01	<1	560	66	10	<20	15	.01	<10	11	<10	1	143
- MS 281	• 5	1.0	.94	60	8	120	<5	.14	<1	10	<1	20	3.49	.05	10	.25	499	<1	<.01	<1	500	66	10	<20	16	.01	<10	11	<10	1	137

E 2 TEUTON RESOURCES ETK 91-802 OCTOBER 10, 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
1-	MS 282		5	2.8	.93	130	6	135	<5	.16	1	15	<1	19	4.13	.04	30	.20	1388	2	<.01	2	770	112	10	<20	18	.01	<10	11	<10	6	268
2-	MS 284	•	5	8.0	.69	50	6	75	<5	.17	<1	9	<1	19	3.90	.03	<10	.23	450	<1	<.01	<1	620	64	15	<20	16	.01	<10	7	<10	1	131
3-	MS 285		5	7.4	.69	50	6	70	<5	.16	<1	9	<1	17	3.49	.03	10	.22	394	<1	<.01	<1	620	46	10	<20	14	.01	<10	8	<10	1	142
4-	MS 286		5	4.8	.48	75	8	95	<5	.22	<1	7	<1	31	2.60	.04	10	.23	783	1	<.01	<1	690	62	15	<20	15	<.01	<10	12	<10	1	122
5-	MS 291		5	3.2	.66	75	8	50	<5	.17	<1	8	<1	28	3.06	.05	30	.19	630	1	<.01	<1	1110	142	5	<20	17	<.01	<10	20	<10	10	190
6-	MS 293		5	1.6	.44	55	6	75	<5	.16	1	7	<1	19	2.58	.03	10	.17	812	1	<.01	<1	740	90	5	<20	13	.01	<10	11	<10	2	221
7-	MS 305		5	4.4	.81	145	6	50	<5	.08	<1	6	2	17	4.37	.02	10	.29	323	6	<.01	2	970	124	15	<20	11	.02	<10	20	<10	<1	189
8-	MT 234		20	16.4	2.71	410	<2	85	<5	.08	3	74	4	235	>15	<.01	130	.42	>10000	34	<.01	6	2050	5548	115	<20	17	.02	<10	103	<10	30	430
9-	MT 235		10	17.6	3.34	360	<2	130	<5	.11	3	100	7	297	>15	<.01	130	.45	>10000	31	.01	4	2280	6384	105	20	16	.02	<10	107	<10	31	409
0-	MT 261		<5	1.6	.62	75	6	105	<5	.29	1	13	1	23	3.48	.06	20	.24	1509	2	<.01	1	1050	190	10	<20	16	.02	<10	23	<10	4	200
1-	MT 262		5	2.0	.49	65	6	30	<5	.20	<1	15	1	26	3.45	.03	10	.21	737	1	<.01	<1	1010	120	5	<20	10	.02	<10	19	<10	1	119
2-	MT 263		5	5.4	.46	65	8	35	<5	.16	<1	9	<1	30	4.29	.04	10	.20	542	1	<.01	<1	930	174	10	<20	8	.02	<10	20	<10	<1	119
3-	MT 265		5	>30	.38	525	2	25	<5	.15	11	13	<1	91	7.96	.01	<10	.23	247	7	<.01	<1	1080	4442	80	<20	13	.01	<10	21	10	<1	614
4-	MT 268		5	21.6	.42	310	6	85	<5	.13	<1	12	<1	140	8.17	.15	<10	.24	312	16	.01	<1	1340	2162	55	<20	10	.02	<10	26	<10	<1	315
5-	MT 272		5	5.2	.59	165	6	85	<5	.26	13	16	<1	38	8.40	<.01	10	.32	3965	8	<.01	<1	810	1498	25	<20	15	.02	<10	25	10	<1	1231
6-	SS 38	•	5	.2	1.58	40	8	250	<5	.23	<1	14	6	22	4.48	.05	10	.71	1414	1	.01	3	1080	66	5	<20	10	.04	<10	55	<10	5	173
7-	SS 40	•	5	1.4	1.62	15	8	700	<5	.81	2	13	5	179	1.66	.12	20	.18	9347	2	<.01	2	2830	78	<5	20	47	<.01	<10	8	<10	12	411
8-	SS 41	(-20)	5	.4	1.29	30	8	650	<5	.59	<1	16	7	79	3.97	.19	10	.62	3790	1	<.01	3	1310	80	5	<20	21	.02	<10	57	<10	5	194
9-	SS 42	•	5	1.2	1.76	55	8	995	<5	.55	1	21	9	53	4.38	.09	20	.67	6031	1	<.01	5	1510	160	5	<20	22	.02	<10	57	<10	11	342
0-	SS 44	•	5	1.4	1.30	45	12	995	<5	1.76	4	17	8	119	2.92	.10	50	.45	4364	1	<.01	1	2280	232	5	<20	68	.01	<10	28	<10	38	460
1-	SS 51	•	5	6.0	2.25	35	10	335	<5	1.05	7	20	7	94	3.14	.08	40	.32	7641	2	<.01	3	2140	860	5	20	40	.01	<10	18	<10	22	708
2-	SS 56	(-35)	10	1.4	1.29	50	8	880	<5	.68	2	19	6	103	4.14	.18	20	.51	5047	1	<.01	3	1430	182	10	<20	26	.01	<10	51	<10	16	405
3-	SS 57	•	5	.8	1.42	20	10	1115	<5	1.70	3	9	8	88	2.00	.14	60	.32	2992	1	<.01	1	2350	80	5	<20	63	<.01	<10	19	<10	33	322
4-	SS 60	•	5	3.0	1.94	30	10	735	<5	1.67	5	12	11	93	2.02	.14	80	.18	4435	1	<.01	1	2720	398	5	<20	66	<.01	<10	25	<10	59	370
5-	SS 63	•	5	2.6	1.95	160	6	520	<5	.17	<1	27	9	65	6.93	.04	30	.37	6660	4	<.01	4	2190	1102	10	<20	14	.01	<10	66	<10	24	377
6-	SS 65	•	10	1.2	1.05	45	8	630	<5	.83	1	14	6	68	3.68	.13	20	.20	5272	2	<.01	1	1990	146	10	<20	40	<.01	<10	42	<10	9	341
7-	SS 67	•	5	1.4	1.39	20	10	810	<5	1.67	2	15	4	100	1.92	.14	50	.25	3736	1	<.01	3	2000	156	5	<20	84	<.01	<10	17	<10	27	322
8-	SS 69	•	10	21.6	3.65	45	6	260	<5	.11	<1	10	5	98	4.05	.08	110	.21	1023	4	.02	<1	2990	98	5	<20	14	.02	<10	17	<10	47	145
9-	SS 70	•	10	2.2	2.85	40	6	170	<5	.21	1	32	7	40	3.43	.08	40	.23	5624	2	.01	3	2520	80	5	<20	17	.01	<10	28	<10	21	228
0-	SS 79		20	9.8	2.30	110	10	110	<5	.27	21	66	1	190	7.29	.10	120	.21	8360	4	<.01	1	1030	644	5	<20	28	.01	<10	29	30	29	1431

E: < = LESS THAN

• = TO (- 45)

. TERRA NOVA EXPL. CONS. LTD.
R.R. # 1 L-9
BOWEN ISLAND, B.C.
VON 1G0
: 947-2596
ATTN: B. V. HALL
: 682-3680
ATTN: DINO CREMONESE

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

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

ɔBER 10,1991

TEUTON RESOURCES CORP. - ETK 91-803
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

COPY

JES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: BARITE / VON
6 SOIL SAMPLES RECEIVED OCTOBER 3, 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
.-	91 SL 87	5	1.2	1.43	100	6	70	<5	.11	<1	19	10	30	4.56	.04	10	.38	2089	5	<.01	12	1240	98	10	<20	11	.01	<10	29	<10	3	229
!-	91 SL 88	5	1.4	.66	145	4	70	<5	.04	<1	20	2	38	4.57	.02	10	.12	678	3	<.01	2	1480	142	15	<20	5	<.01	<10	29	<10	<1	109
I-	91 SL 89	5	4.8	.72	695	6	125	<5	.08	<1	84	<1	51	13.59	<.01	<10	.30	2353	5	.01	<1	2020	484	90	<20	10	.01	<10	15	<10	<1	302
-	91 SL 90	<5	7.6	.56	415	6	135	<5	.03	<1	16	<1	47	>15	.12	<10	.27	262	10	.01	<1	3000	546	65	<20	16	.01	10	37	<10	<1	191
-	91 SL 91	5	2.6	1.65	140	4	115	<5	.05	<1	10	14	33	9.02	.07	20	.39	544	4	.01	3	2630	202	20	<20	12	.01	<10	99	<10	<1	116
-	91 SL 92	• 10	.6	.74	25	2	45	<5	.02	<1	1	4	12	1.24	.02	10	.06	71	2	.01	<1	850	32	<5	<20	5	<.01	<10	25	<10	<1	35

: < = LESS THAN
• = TO (-45)

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TEUTON RESOURCES CORP. - ETK 91-804
602 - 675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1N2

:OBER 10,1991

.UES IN PPM UNLESS OTHERWISE REPORTED

COPY

PROJECT: BARITE / VON
13 TALUS SAMPLES RECEIVED OCTOBER 3, 1991

I	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-	91 MT 212 (-45)	<5	2.2	.22	425	6	65	<5	.03	<1	7	<1	21	12.92	.38	<10	.20	88	20	.03	<1	1900	196	40	<20	39	.01	<10	2	<10	<1	95
2-	91 MT 298	<5	1.8	.35	170	8	65	<5	.06	<1	8	<1	19	10.70	.04	<10	.25	224	1	.02	<1	1250	120	15	<20	10	.02	<10	15	<10	<1	118
3-	91 MT 299	5	1.4	.37	190	8	65	<5	.04	<1	8	<1	15	9.83	.02	<10	.24	260	<1	<.01	<1	1850	124	10	<20	7	.02	<10	26	<10	<1	118
4-	91 MT 307	5	1.6	.40	600	8	70	<5	.04	<1	10	<1	16	>15	.55	30	.32	264	63	.02	<1	4740	180	55	<20	45	.01	<10	11	<10	<1	93
5-	91 MT 308	<5	1.6	.37	705	8	60	<5	.04	<1	9	<1	14	>15	.49	20	.28	281	78	.02	<1	4470	214	60	<20	46	.01	<10	5	<10	<1	104
6-	91 MT 309	<5	.2	.27	1035	8	75	<5	.04	<1	12	<1	23	>15	.30	20	.36	86	65	.04	<1	3080	174	60	<20	81	.01	10	<1	<10	<1	94
7-	91 MT 310	<5	2.8	.47	675	8	80	<5	.03	<1	10	<1	24	12.76	.23	10	.25	465	69	.02	<1	2030	322	50	<20	39	.01	<10	6	<10	<1	147
8-	91 MT 311 (-20)	<5	1.6	.14	575	8	110	<5	.02	<1	5	<1	27	9.78	.12	10	.14	53	56	<.01	<1	1250	164	40	<20	42	<.01	<10	<1	<10	<1	135
9-	91 MT 320	<5	3.0	.44	90	6	60	<5	.11	<1	11	<1	48	3.96	.02	10	.16	533	2	.01	<1	900	148	10	<20	9	.02	<10	17	<10	<1	97
.0-	91 MT 321	<5	2.4	.43	150	6	55	<5	.09	<1	7	<1	103	7.77	<.01	<10	.20	252	1	.01	<1	790	128	10	<20	7	.01	<10	14	<10	<1	114
.1-	91 MT 322	<5	1.6	.43	110	8	85	<5	.08	<1	8	<1	39	5.80	.02	<10	.19	380	1	.01	<1	910	76	10	<20	8	.01	<10	17	<10	<1	106
.2-	91 MT 323	<5	5.0	.41	155	8	100	<5	.08	<1	9	<1	58	7.13	<.01	<10	.20	386	2	.01	<1	910	176	15	<20	8	.01	<10	17	<10	<1	120
:3-	91 MT 324	<5	3.2	.34	205	6	70	<5	.06	<1	8	<1	74	8.85	<.01	<10	.20	272	2	<.01	<1	800	194	10	<20	6	.01	<10	15	<10	<1	122

:E: < = LESS THAN

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

A P P E N D I X   E

COST STATEMENT

COST STATEMENT

WAGES

Brian V. Hall (Geologist)		
September 12 (1/2), 13 (1/2), 15 - 29, 1991		
October 11 (1/2), 1991		
November 1 (1/2), 11 (1/2), 25 (1/2), 26, 27, 1991		
December 10 (1/2), 11 (1/2), 13 (1/2), 15, 16, 17 (1/2), 18, 1991		
25 days at $300.00/day		$ 7,500.00
Brian Sauer (Prospector)		
September 15 - 29, 1991		
15 days at $175.00/day		2,625.00
Mike Gray (Prospector)		
September 16 - 28, 1991		
13 days at $175.00/day		2,275.00
	Total	$ 12,400.00

RENTALS

Camp Rental		
15 days at $50.00/day		$ 750.00
Truck Rental		
15 days at $50.00/day		750.00
SBX - 11 HF Radio		200.00
	Total	$ 1,700.00

ASSAYS AND ANALYSES

321 Rock Samples analysed for 31 elements a $17.12/sample		$ 5,495.52
52 Silt samples analysed for 31 elements at $14.18/sample		737.23
31 Talus fine samples analysed for 31 elements at $14.18/sample		439.58
6 Soil samples analysed for 31 elements at $14.18/sample		85.08
35 Silver assays at $9.10/sample		318.33
22 Lead assays at $6.96/sample		153.01
10 Zinc assays at $6.96/sample		69.60
5 Copper assays at $6.96/sample		34.80
	Total	$ 7,333.15

HELICOPTER	
Vancouver Island Helicopters 3.4 hours at $768.52/hour	$ 2,612.96
FUEL	326.63
FIELD SUPPLIES	66.62
DELIVERY CHARGES	435.89
TELEPHONE	25.18
FOOD AND ACCOMMODATION	1,183.19
OFFICE SUPPLIES	43.27
TYPING AND DRAFTING (ESTIMATED)	700.00
GRAND TOTAL	$ 26,826.89

A P P E N D I X   F

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Brian V. Hall of RR 1, Bowen Island, British Columbia, VON 1GO do certify that:

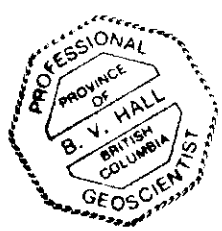
1) I am a graduate of the University of British Columbia (B.Sc., 1975) and the University of Waterloo (M.Sc., 1978) in geology.

2) I have practiced my profession for the past 16 years since my graduation from the University of British Columbia.

3) I am a member of the Society of Economic Geologists, Fellow of the Geological Association of Canada and a member of the British Columbia Association of Professional Engineers and Geoscientists (P.Geo).

4) I have no direct or indirect interest in the property discussed in this report, or in Teuton Resources Corp.

5) The work described in this report is the result of field work carried out by myself, field personnel under my supervision, plus relevant published reports.



Brian V. Hall, M.Sc.
November 29, 1991

LEGEND:

- △ ROCK SAMPLE (FLOAT)
- ▲ ROCK SAMPLE (OUTCROP)
- ○ SOIL SAMPLE
- ● TALUS
- □ STREAM SEDIMENT SAMPLE

SCALE 1:5,000

0 100 200 300 400 500

METRES

TEUTON RESOURCES CORP.

BARITE - VON - STROHN CLAIMS

SKEENA M.D. NTS: 104 A-4

GEOCHEMISTRY

Au RESULTS in ppb

TERRA NOVA EXPLORATION CONSULTANTS

BY: B.V. HALL
DATE: NOV., 26, 1991

FIGURE: 5

LEGEND:

- △ ROCK SAMPLE (FLOAT)
- ▲ ROCK SAMPLE (OUTCROP)
- ○ SOIL SAMPLE
- ● TALUS
- □ STREAM SEDIMENT SAMPLE

SCALE 1:5,000

0 100 200 300 400 500

METRES

TEUTON RESOURCES CORP.

BARITE - VON - STROHN CLAIMS

SKEENA M.D. NTS: 104 A-4

GEOCHEMISTRY

Ag RESULTS in ppm

TERRA NOVA EXPLORATION CONSULTANTS

BY: B.V. HALL
DATE: NOV., 26, 1991

FIGURE: 6

LEGEND:

- △ ROCK SAMPLE (FLOAT)
- ▲ ROCK SAMPLE (OUTCROP)
- ○ SOIL SAMPLE
- ● TALUS
- □ STREAM SEDIMENT SAMPLE

SCALE 1:5,000
0 100 200 300 400 500
METRES

TEUTON RESOURCES CORP.

BARITE - VON - STROHN CLAIMS

SKEENA M.D. NTS: 104 A-4

GEOCHEMISTRY

Zn RESULTS in ppm

TERRA NOVA EXPLORATION CONSULTANTS

BY: B.V. HALL
DATE: NOV., 26, 1991

FIGURE: 7

LEGEND:

- △ ROCK SAMPLE (FLOAT)
- ▲ ROCK SAMPLE (OUTCROP)
- ○ SOIL SAMPLE
- ● TALUS
- □ STREAM SEDIMENT SAMPLE

SCALE 1:5,000

0 100 200 300 400 500

METRES

TEUTON RESOURCES CORP.	
BARITE - VON - STROHN CLAIMS	
SKEENA M.D.	NTS: 104 A-4
GEOCHEMISTRY Pb RESULTS in ppm	
TERRA NOVA EXPLORATION CONSULTANTS	
BY: B.V. HALL DATE: NOV. 26, 1991	FIGURE: 8

LEGEND:

△ ROCK SAMPLE (FLOAT)
▲ ROCK SAMPLE (OUTCROP)
○ SOIL SAMPLE
● TALUS
□ STREAM SEDIMENT SAMPLE

SCALE 1:5,000
0 100 200 300 400 500
METRES

TEUTON RESOURCES CORP.

BARITE - VON - STROHN CLAIMS

SKEENA M.D. NTS: 104 A-4

GEOCHEMISTRY

Cu RESULTS in ppm

TERRA NOVA EXPLORATION CONSULTANTS

BY: B.V. HALL
DATE: NOV., 26, 1991

FIGURE: 9

LEGEND:

- △ ROCK SAMPLE (FLOAT)
- ▲ ROCK SAMPLE (OUTCROP)
- ○ SOIL SAMPLE
- ● TALUS
- □ STREAM SEDIMENT SAMPLE

SCALE 1:5,000

0 100 200 300 400 500

METRES

TEUTON RESOURCES CORP.

BARITE - VON - STROHN CLAIMS

SKEENA M.D. NTS: 104 A-4

GEOCHEMISTRY

As RESULTS in ppm

TERRA NOVA EXPLORATION CONSULTANTS

BY: B.V. HALL
DATE: NOV., 26, 1991

FIGURE: 10