# ARIS SUMMARY SHEET

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ASSESSMENT REPORT 21756  MINING DIVISION: Atlin

ROPERTY: Outlaw
LOCATION: LAT 58 32 00 LONG 132 44 00
UTM 08 6490107 631972
NTS 104K10E
CLAIM(S): Outlaw 1-2
OPERATOR(S): Chevron Min. Cons. Parklane Res.
UTHOR(S): Cann, R.M.;Lehtinen, J.
EPORT YEAR: 1991, 75 Pages
KEYWORDS: Triassic,Volcaniclastics,Quartzites,Greywackes,Argillites,Hornfels
Stockworks,Pyrite

ORK
ONE: Geological,Geochemical,Physical
GEOL 200.0 ha
Map(s) - 2; Scale(s) - 1:1000
LINE 12.4 km
SAMP 246 sample(s) ;ME
SOIL 464 sample(s) ;ME
Map(s) - 2; Scale(s) - 1:1000
TREN 238.0 m

RELATED
EPORTS: 16310
INFILE: 104K 053

# GEOLOGICAL AND GEOCHEMICAL REPORT

on the

## OUTLAW CLAIMS

Trapper Lake Area, British Columbia



Atlin Mining Division

N.T.S. 104K/7 and 104K/10

Latitude: 58°30'N; Longitude 132°44'W

for

Glider Developments Inc.
1100 - 808 W. Hastings St.
Vancouver, B.C.

by

Azimuth Geological Incorporated
205 - 470 Granville St.
Vancouver B.C.



Robert M. Cann, M.Sc.
Jim Lehtinen, B.Sc.

October 1991

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## SUMMARY

The Outlaw and Inlaw claim groups comprise 170 units and are located in northwestern British Columbia, approximately 80 km northwest of Telegraph Creek and 43 km northwest of the Golden Bear gold mine. Access is by float plane and/or helicopter.

Claims overlie an Upper Triassic volcano-sedimentary sequence which has been intruded by Cretaceous(?) granodiorite stocks and dykes and by Tertiary(?) felsic dykes and sills. Precious metal mineralization is hosted by Upper Triassic strata but is spatially associated with Cretaceous and Tertiary intrusives.

The Outlaw and Inlaw claims were explored from 1981 to 1987 by Chevron Canada Resources Ltd. On the Outlaw claims, wide-spaced soil sampling defined a strong, 2.5 km by 0.5 km gold-arsenic-antimony in soil/talus anomaly. Hand trenching and limited diamond drilling in a clay altered zone within the soil anomaly returned up to 3.55 g/t Au (0.100 oz/t) on surface and up to 8.30 g/t Au (0.242 oz/t) in drill core.

Current work was restricted to the Outlaw 1 and 2 claims and consisted of detailed soil/talus sampling (469 samples), rock sampling (232 samples), hand trenching and geological mapping (1:1,000 scale). Mapping and sampling defined five mineralized zones (Clay, Gossan A, Gossan B, Contact and Skarn) within the grid area, while the detailed soil sampling confirmed the above zones and located one additional, covered zone (Ridge Zone).

The Clay Zone remains as defined by Chevron and consists of east-west trending, shear controlled quartz veins carrying up to 0.668 oz/t gold in selected grab samples. Veins also carry significant lead, antimony, bismuth and arsenic values. Further soil and rock sampling and mapping is required to determine if mineralization continues to the east.

Gossan Zones A and B consist of pyritic stockwork within hornfelsed sediments marginal to granodiorite. Grab samples of pyritic material returned up to 0.060 oz/t gold with variably anomalous copper, silver, zinc, cadmium and arsenic.

The Contact Zone consists of pyrite-quartz stockwork and limonitic shears localized along the sediment-volcanic contact. A grab sample of pyritic andesite breccia returned 0.14 oz/t gold.

The Skarn Zone is not significant in size but consists of semi-massive sphalerite-pyrrhotite running up to 16.4% zinc and 0.09 oz/t gold. Mineralization is localized in limestone and limey sediments marginal to granodiorite.

The Ridge Zone is defined by a strong, 75 m by 200 m gold-silver-lead in soil/talus anomaly which is open to north. The geochemical signature and recessive nature of the area are similar to the Clay Zone. Outcrop in the vicinity of the anomaly is extremely poor and to date the soil anomaly is unexplained. Trenching and/or drilling will be required to further evaluate and test this anomaly.

Work to date has located and partly defined five zones of significant precious metal mineralization. Highest gold grades are found within shear hosted, galena-stibnite(?)-pyrite bearing quartz veins within the Clay Zone. Geochemical signatures and vein characteristics suggest epithermal affinities. Although mineralization is spatially related to felsic dykes and sills and to high-level granodiorite stocks and dykes, the genetic relationship between mineralization and intrusive rocks is not known. Further work is required to evaluate all zones.

## INTRODUCTION

At the request of Prime Equities Inc. (on behalf of Glider Resources Inc.) Azimuth Geological Inc. was contracted to carry out detailed geological and geochemical surveys on the Outlaw and Inlaw claim groups. The property is located in northwestern British Columbia, 43 km northwest of the Golden Bear mine, in an under-explored but geologically attractive area.

Earlier preliminary rock and soil sampling by Chevron Canada and by others had indicated a large epithermal-type precious metal bearing system underlying the claims. Limited diamond drilling in 1987 tested one small section of the system and returned inconclusive results.

Current work was aimed at developing an understanding of the geological setting, of the distribution of the mineralization and at defining potential drill targets.

## LOCATION, ACCESS and PHYSIOGRAPHY

The Outlaw and Inlaw claim groups are located in the extreme northwest corner of British Columbia (Figure 1), 1200 km northwest of Vancouver and 270 km south-southeast of Whitehorse, Yukon Territory (NTS: 104K/7 (Inlaw) and 104K/10 (Outlaw)). Closest supply towns are Telegraph Creek, 80 km to the southeast; Dease Lake, 140 km to the east; and Juneau, Alaska, 100 km to the west-southwest.

Access to the claim area is possible by float-equipped aircraft to Trapper Lake (10 km southeast of Outlaw) or to Tunjony Lake (10 km south of Outlaw). Airstrips for conventional aircraft are located at Tatsamenie Lake (30 km southeast of Outlaw), Muddy Lake (43 km southeast of Outlaw) and Tulsequah (50 km west of Outlaw). Final access would be by helicopter. A private road provides access from Telegraph Creek to the Golden Bear mine-site at Muddy Lake and is available for public use by prior arrangement with Golden Bear Operating Company.

Physiographically, the claims are located in the Tahltan Highland, a moderately rugged transitional zone between the Stikine Plateau and the eastern ranges of the Coast Mountains. Elevations on the Outlaw property vary from 760 m in the southwest corner to 2040 m at the L.C.P. Much of the properties are alpine to sub-alpine in nature with treeline at approximately 1100 m.

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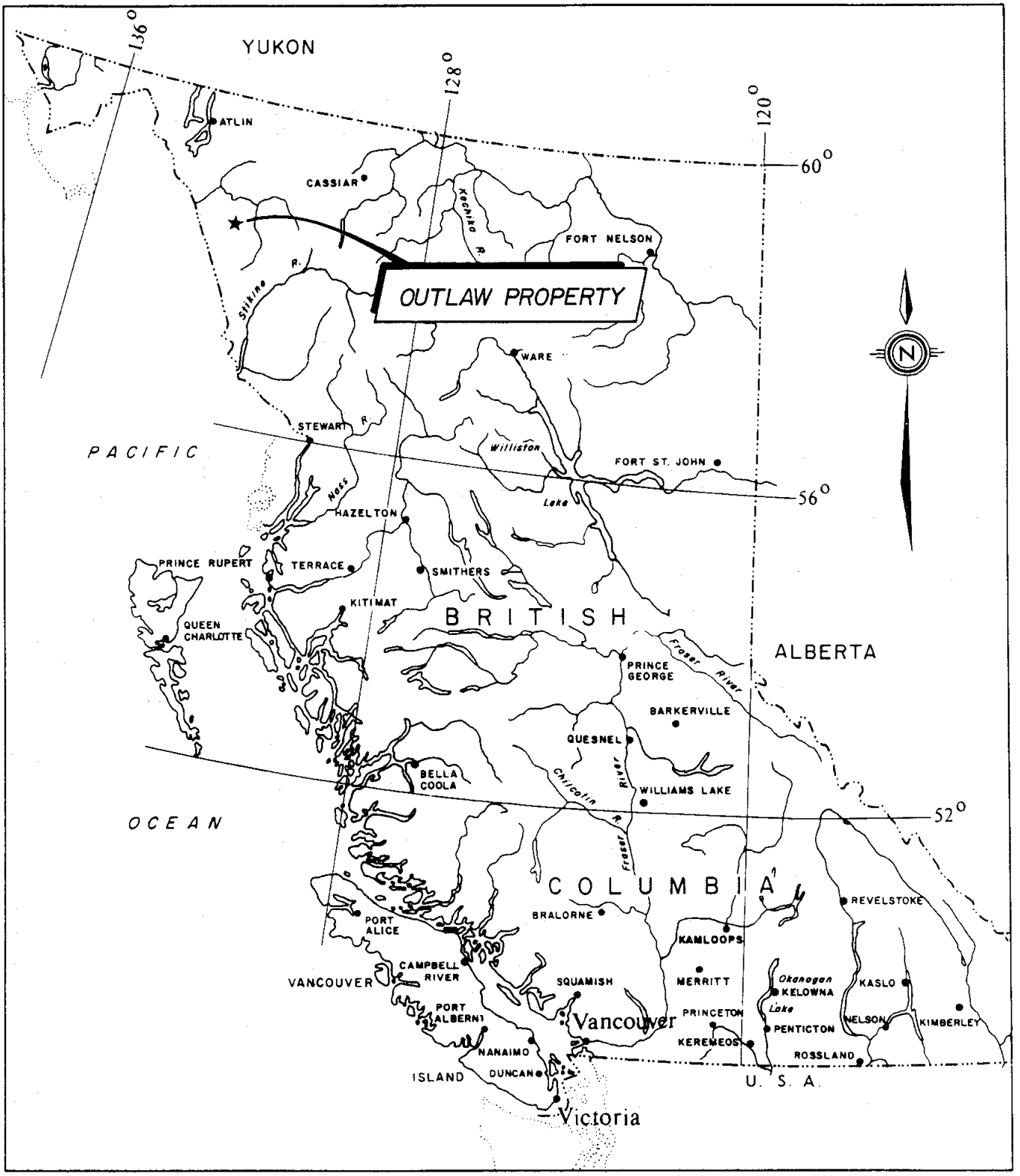



TO ACCOMPANY REPORT NO. _____ BY _____

**AZIMUTH GEOLOGICAL INC.**

GLIDER DEVELOPMENTS INC.

OUTLAW

# LOCATION MAP

| Date | Scale | N.T.S. | Figure No. |
|---|---|---|---|
| OCT., 1991 | 1:7 500 000 | 104K/7,10 | 1 |

## CLAIM STATUS

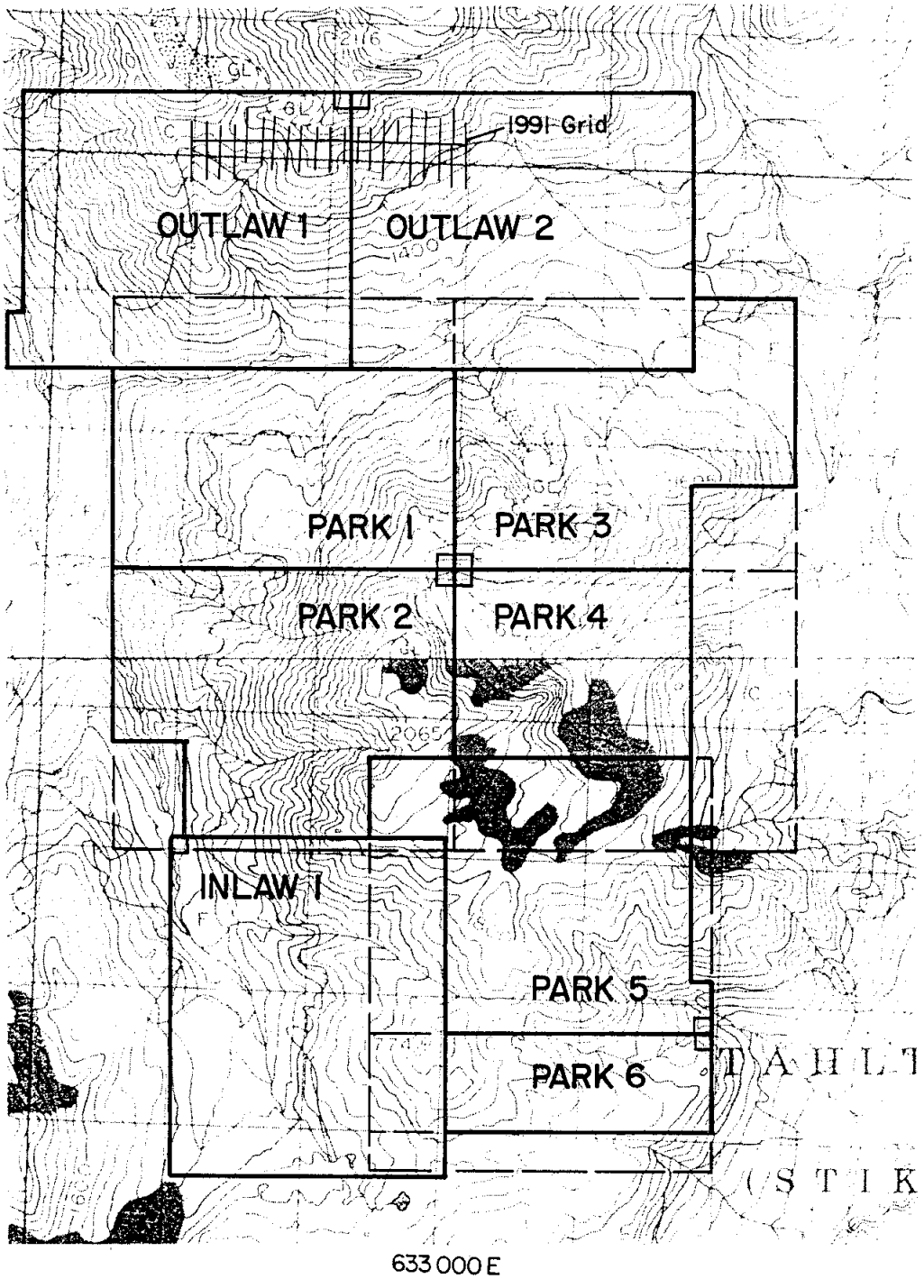
The Outlaw property consists of nine contiguous modified grid claims totalling 170 units (Figure 2) located in the Atlin Mining Division. Current claim data as shown in public records is compiled below.

**Table 1.**

**Claim data.**

| Claim Name | Record Number | Units | Expiry Date[1] |
|---|---|---|---|
| Outlaw #1 | 1339 | 20 | July 9, 1997 |
| Outlaw #2 | 1340 | 20 | July 9, 1997 |
| Inlaw 1 | 1983 | 20 | August 16, 1995 |
| Park 1 | 4499 | 20 | March 24, 1994 |
| Park 2 | 4500 | 20 | March 24, 1994 |
| Park 3 | 4501 | 20 | March 24, 1994 |
| Park 4 | 4502 | 20 | March 24, 1994 |
| Park 5 | 4503 | 20 | March 24, 1994 |
| Park 6 | 4504 | 10 | March 24, 1994 |

1: Assuming acceptance of current submission.




TO ACCOMPANY REPORT NO. _____ BY _____

0 1 2 3 Km

**AZIMUTH GEOLOGICAL INC.**

GLIDER DEVELOPMENTS INC.

OUTLAW

# CLAIM MAP

| Date | Scale | N.T.S. | Figure No. |
|---|---|---|---|
| OCT., 1991 | 1:50000 | 104K/7,10 | 2 |

## HISTORY

Although no record remains, it is likely that the general area of the Outlaw, Inlaw and Park claims was prospected in the 1920's and 1930's following discovery of the Tulsequah Chief and Polaris Taku deposits, 50 km to the west.

The earliest record of systematic exploration in the region is during the period 1959-1961 when Kennco Explorations (Western) Limited carried out a regional geochemical program for porphyry copper-molybdenum deposits (Barr, 1989). During this period the Thorn epithermal (?) gold prospect, located immediately northwest of Outlaw, was located.

No work is recorded on the claims prior to staking by Chevron; however, Wetherhill (reported in Barr, 1989) noted finding old drill core in the northeast corner of the now lapsed Outlaw #3 claim, 2.5 to 3 km northeast of the current L.C.P. for Outlaw 1 and 2. The Outlaw claims were staked in 1981 by Chevron Canada Resources Ltd. following anomalous results (5,000 to 36,000 ppb Au) in four heavy mineral silt samples (Barr, 1989). The Inlaw claim was staked two years later and the Park claims were added in March 1991. Exploration work since initial staking is detailed below.

### Outlaw Property

In 1982 geological mapping was conducted and a grid (200 m spaced lines) was established on the Outlaw #1 and Outlaw #2 claims and 225 soil/talus samples collected at 100 m intervals. Reconnaissance traverses elsewhere on the property collected an additional 213 soil samples. This work outlined a strong gold-arsenic-antimony anomaly (Barr, 1989).

The following season 208 soil samples and 42 rock samples were collected from a detailed 50 m by 50 m grid established over an intensely clay-altered zone referred to as the "Clay Zone" in the northwest corner of the Outlaw #2 mineral claim. Fifty channel samples were taken from five trenches hand blasted along a quartz vein, located on the eastern margin of the Outlaw #1 mineral claim (Walton, 1984a; Barr, 1989).

In 1984 and 1985 numerous pits were hand dug and five trenches hand blasted in the Clay Zone. Sampling of the pits and trenches returned values in the 2,000 ppb to 3,000 ppb Au range and resulted in a recommendation for drilling (Walton, 1985a and 1985b; Barr, 1989).

Four HQ/NQ diamond drill holes totalling 550 m were completed in 1987 under a joint venture agreement with Dia Met Minerals Ltd. Holes were restricted to a small area of the clay-altered zone and despite poor recovery returned values up to 8.3 g/t Au over 0.95 m (Walton, 1987; Barr, 1989).

In 1988 the property was optioned to Shannon Energy Ltd. who conducted heavy mineral analysis of talus and silt samples (Freeze, 1987; Barr, 1989). This work confirmed previous sampling. Total expenditures on the Outlaw property since 1981 are reported as $450,000 (Barr,1989).

**Inlaw Property**

In 1983 preliminary geological mapping, geochemical surveys and prospecting were completed on the property (Barr, 1989). The following year, approximately 37 line-km of grid was established with 50 m spaced lines. Soil sampling (700 samples) at 50 m spacing defined a strong gold-arsenic-antimony anomaly. Thirty rock samples and eleven channel samples were collected from two hand-blasted trenches (Walton, 1984b; Barr, 1989).

In 1988, as part of a joint venture with Shannon Energy Ltd., 23 silt and 42 talus samples were subject to heavy mineral separation and analysis. Expenditures on the Inlaw property from 1983 to 1988 are estimated at $50,000 (Barr, 1989).

## REGIONAL GEOLOGY

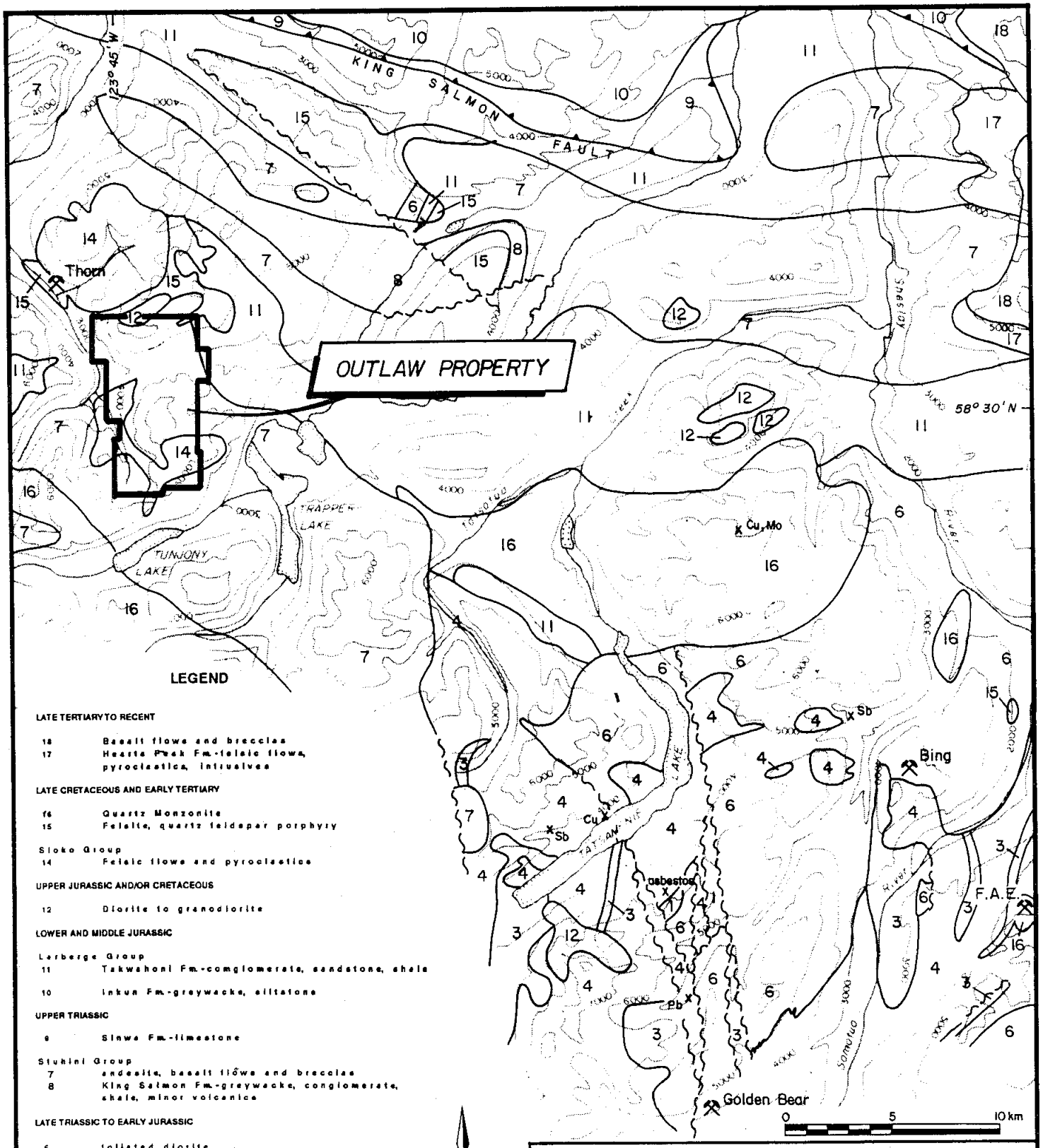
The Tulsequah map-area was most recently mapped by Souther (1971). Regional geology in the Tatsamenie Lake-Trapper Lake area is shown in Figure 3. Oldest rocks in the area are strongly deformed and regionally metamorphosed Permian and Lower Triassic metasediments and metavolcanics (Units 3 and 4) of the Stikine Assemblage (Monger, 1980) which are intruded by Lower or Middle Triassic foliated diorite (Unit 6). These older rocks appear to be restricted to an area between Trapper and Tatsamenie Lakes. Souther (1971) shows Unit 4 underlying the Outlaw claims; however, current work indicates the Outlaw claims are entirely underlain by Upper Triassic strata as shown in Figure 3. Chevron (Walton, 1987) suggested that these rocks are of the Lower to Middle Jurassic Takwahoni Fm. strata.

A major regional unconformity separates older rocks from less deformed Upper Triassic and younger strata. Most widespread of the younger strata are Upper Triassic Stuhini Group basic volcanics and related sediments (Units 7 and 8). In the area of interest these rocks form a southeast-trending syncline enclosing a core of Lower and Middle Jurassic Takwahoni Formation (Laberge Group) sediments and overlying Upper Cretaceous to Tertiary felsic volcanics and related sub-volcanic intrusives of the Sloko Group (Units 11, 14 to 16). Middle Jurassic diorite plugs (Unit 12) commonly intrude Takwahoni and older rocks and often appear to be spatially associated with mineralization in the area.

In the northeast corner of the map-area, Upper Triassic limestone (Sinwa Formation: Unit 9) and Lower Jurassic sediments of the Inklin Formation (Unit 10) have been thrust southwestward along the King Salmon Fault to form the Atlin Horst.

Flat-lying Late Tertiary to Pleistocene volcanics (Units 17 and 18) overlie all units along the east margin of the map-area.

Three structural events have been documented in the area (Schroeter, 1986; Oliver and Hodgson, 1990). The oldest mid-Triassic event is typically represented by tight folds with north-trending axial surfaces. Mid-Jurassic deformation resulted from southwest-verging thrust faults which produced broad northwest-trending folds. Youngest structures are Eocene extension faults of apparent random orientation.




## LEGEND

**LATE TERTIARY TO RECENT**

18 Basalt flows and breccias
17 Hearts Peak Fm.-felsic flows, pyroclastics, intrusives

**LATE CRETACEOUS AND EARLY TERTIARY**

16 Quartz Monzonite
15 Felsite, quartz feldspar porphyry

Sloko Group
14 Felsic flows and pyroclastics

**UPPER JURASSIC AND/OR CRETACEOUS**

12 Diorite to granodiorite

**LOWER AND MIDDLE JURASSIC**

Laberge Group
11 Takwahoni Fm.-conglomerate, sandstone, shale
10 Inkun Fm.-greywacke, siltstone

**UPPER TRIASSIC**

9 Sinwa Fm.-limestone

Stuhini Group
7 andesite, basalt flows and breccias
8 King Salmon Fm.-greywacke, conglomerate, shale, minor volcanics

**LATE TRIASSIC TO EARLY JURASSIC**

6 foliated diorite

**LOWER TRIASSIC AND EARLIER**

4 greenstone, phyllite, tuff

**PERMIAN**

3 limestone, dolomitic limestone

**AGE UNKNOWN**

1 ultramafics, serpentinite

fault
thrust fault
mineral property
x mineral occurrence

After: Souther, 1971; Schroeter, 1986; Oliver and Hodson, 1990

AZIMUTH GEOLOGICAL INCORPORATED

GLIDER DEVELOPMENTS INC.
OUTLAW

# GEOLOGY MAP

| | | | |
|---|---|---|---|
| N.T.S. 104 K/7,10 | Data G. Crowe | Date Oct., 1991 |
| Scale 1 : 250000 | Drawn | Figure 3 |

Mineralization in the Tulsequah area is dominated by volcanogenic(?) massive sulphide deposits in the Tulsequah district, 50 km west of the Outlaw/Inlaw properties, and by shear-hosted precious metal mineralization at and near the Golden Bear deposit. Copper-lead-zinc-gold-silver mineralization at Tulsequah Chief, Big Bull, and Ericksen-Ashby is associated with a contact between Permian felsic pyroclastic rocks and underlying massive andesitic flows (Gunning, 1988; Nelson and Payne, 1983). Most recent (1989) reserves for Tulsequah Chief are given as 5.26 Mt of 1.6% Cu, 1.31% Pb, 7.03% Zn, 2.74 g/t Au, 100.5 g/t Ag. Recent exploration by Cominco Ltd. and Redfern Resources Ltd. is expected to boost this reserve. Across the Tulsequah River at the nearby Polaris Taku property, Suntac Minerals Corporation report probable plus possible reserves of 803,765 tonnes grading 16.1 g/t Au (March 21, 1990 News Release). Mineralization occurs in an arsenopyrite-bearing quartz-carbonate shear zone cutting Permian(?) sediments and tuffs. Grade and geological setting suggest similarities with the Golden Bear deposit.

The Golden Bear deposit, located 43 km southeast of Outlaw (Figure 3), is being actively mined by Chevron Minerals Ltd. and North American Metals Corp. (Homestake Mining Company) who report (1990 Annual Report) proven plus probable reserves (before mining) of 569,453 tonnes grading 17.60 g/t Au. Mineralization at Golden Bear consists of pyrite-arsenopyrite-scorodite-native gold within a persistent quartz-carbonate altered shear cutting Permian to Lower Triassic(?) limestone and metasediments.

The Thorn property, located immediately northwest of Outlaw (Figure 3), is underlain by Eocene Sloko felsic volcanics intruded by a small quartz-feldspar-porphyry stock (Woodcock, 1987). Gold and silver are associated with both linear, east-west trending, pyrite-arsenopyrite-tetrahedrite-bearing silicified zones and with pods and lenses of pyrite-tetrahedrite-enargite. The property was drilled in 1986 by American Reserve Mining Corporation.

## 1991 WORK PROGRAM

Current work was restricted to the Outlaw 1 and 2 claims and was conducted between June 30 and July 27, 1991 by three geologists and four field assistants. Field work was supported from common camp facilities at Trapper Lake (10 km southeast of Outlaw 1 and 2) where a contract Bell 206B helicopter supplied by Trans North Air was available for claim access.

Field work consisted of establishment of 12.38 km of grid with 100 m spaced lines (some areas at 50 m spacing) and with picketed stations at 25 m intervals. This grid was soil/talus sampled at 25 m intervals (469 samples) and mapped at 1:1,000 scale. During mapping, grab samples were routinely taken of altered and mineralized material. Five trenches totalling 238 m were hand excavated to expose a significant quartz vein and mineralization marginal to feldspar porphyritic and basaltic dykes. These trenches were chip sampled at 2 m or 5 m intervals.

## PROPERTY GEOLOGY

Preliminary geological mapping at 1:10,000 scale was conducted on the Outlaw property in 1982 and 1983 by Chevron Canada (Walton, 1984a; 1987). Current grid mapping at 1:1,000 scale (Figs. 4A and 4B) was completed by Taylor and Cormier in July 1991 and identified five major map units as described below. Unless stated otherwise, lithologic descriptions are based only on observations within the grid. Mapping on the property was locally hindered by the abundance of talus.

### Lithologies

1. Andesitic flows and breccias:

Intermediate, dark green, fine- to medium-grained andesitic tuffs, flow breccias and pillowed basalts occur in the southern portion of the grid. The volcanoclastics often contain 4 mm wide phenocrysts of feldspar and augite. Limestone clasts have been observed in polymictic volcanic breccia. Fine grained varieties are commonly vesicular. Souther (1971) assigned these rocks to the Upper Triassic Stuhini Group.

The volcanics have been regionally chloritized and contain epidote and minor calcite veining with trace to 1% disseminated pyrite. Within 100 metres of the contact with the hornfelsed sediments the volcanoclastics are increasingly more siliceous and pyritic with the pyrite content well above 5% within 30 metres of the contact.

2. Argillite, quartzite:

A dominantly sedimentary package consisting of black, grey to green, banded and massive argillites, sandstones, grits, cherts, quartzites and minor limestone conformably(?) overlies the mafic volcanics and outcrops sporadically through talus across a surface width of at least 400 metres. Although Souther (1971) mapped these rocks as Permian and Chevron interpreted them as Jurassic Takwahoni sediments, current work suggests they are more likely Upper Triassic sediments - possibly part of the King Salmon Formation.

Within the sedimentary package is a marker horizon of chert breccia (Unit 2a) containing sub-rounded to sub-angular clasts of grey, black and white chert in a quartz carbonate, sericite matrix. The chert breccia occurs as 4 to 5 metre wide by 10 to 40 metre long lensoid units dipping north at 45 to 65 degrees and offset by late NE trending sinistral faults. Many examples of this occur between lines 8+00 W and 9+00 W to the north of the baseline. Pods of crystalline limestone (Unit 2b) are distinctive and locally host skarn mineralization.

The trend of the bedding (which give the sediments a banded appearance) is generally 115 degrees with an average dip of 48 degrees to the north. At one location near grid location L8+70 W/ 8+77 N, graded bedding within a gritty sandstone indicates the stratigraphy is upright.

The whole package described above has been strongly hornfelsed and has undergone chlorite and sericite alteration. The degree of this "early" alteration is uniform from the northern contact with the granodiorite stock to the southern contact with the volcanoclastics. Gossanous zones and intensely clay alterered zones occupy areas in the magnitude of 200 metres square and are thought to be fracture related and will be discussed in more detail under Mineralization.

3. Felsic Dykes and Sills

Massive, cream to grey coloured feldspar and quartz rich dykes and sills have been mapped throughout Unit 2. Although variable, feldspar phenocrysts are up to 4mm wide and quartz eyes are locally present. These units have been intensely fractured and altered making identification very difficult: highly siliceous aphanitic varieties resemble quartzites and silica depleted, bleached and gossanous varieties.

The dykes occur as distinct resistant units over a strike length of 1400 metres within 50 metres of the baseline and outcrop though the talus in three main areas:

(1) between lines 14+00 W and 12+00 W from 0+40 N to 0+50 S.
(2) between lines 10+00 W and 7+00 W from 0+15 S to 0+75 S.
(3) between lines 3+00 W and 4+00 W from 0+25 S to 1+60 N.

In areas (1) and (2) the dykes trend 115 degrees, dip north between 48 and 65 degrees and have a surface width of up to 7 metres. The dykes have been cut by near vertical northeast and north trending faults with minor sinistral offsets. Generally the dykes are persistent in an east-west trend from the site of the Chevron drilling in the eastern Clay Zone to the west for 1400 metres.

In area 3, the dykes strike east, northeast and northwest and have been intensely fractured, sheared, faulted, bleached and clay altered. In this area the dykes are generally less resistent than the dykes in the two main areas to the west and intermingle with gossanous metasediments hindering recogniton.

4. Granodiorite

A fine- to coarse-grained, equigranular biotite hornblende granodiorite stock, of possible Cretaceous age, is in contact with the hornfelsed sediments in the northern portion of the grid. Features such as miarolitic cavities suggest a high level of emplacement. A sharp, irregular intrusive contact occurs between grid stations 10+00 W/ 1+00 N and 14+50 W/ 2+00 N. This contact generally dips to the north at moderate to steep angles. Over much of its length the contact is more likely to be tectonic rather than intrusive, for example at grid location 13+00 W/ 1+25 N, where the sediments are gossanous with over 3% pyrite, the mineralization does not extend into the diorite and no chilled margin or transitional alteration halo is present. In other areas, for example at 11+00 W/ 0+90 N where some minor skarn is present in a limestone lens within the sediment package, the observed granodiorite contact is not as well defined and is very irregular.

5. Tertiary Basaltic Dykes

Brown weathering, relatively fresh and unmineralized augite porphyry basalts occur as dykes throughout the property and cut the metasediments, gossanous zones and granodiorite stock. The basaltic dykes are up to 5 metres in width with steep attitudes and trend east, northeast, northwest and north. The basaltic dykes often occur in a close spatial relationship with the felsic dykes, commonly being subparallel and within 5 metres of either the hanging wall or footwall. Basaltic dyke margins are commonly sheared, suggesting the dykes are following pre-existing structures.

In the gossanous, geochemically anomalous zone between line 15+00 W and line 11+50 W, a high density of basaltic dykes occurs in a northeast trending swarm occupying a set of near vertical fractures.

## MINERALIZATION AND ROCK GEOCHEMISTRY

Alteration and mineralization on the Outlaw and Inlaw properties is spatially related to Jurassic to Cretaceous granodiorite intrusives and to Cretaceous to Tertiary felsic volcanics and dykes. Many significant gold values also appear to be related to shears - most of which cannot be traced on surface for any distance. The presence of major structures has not been documented on either of the mineral claims, but is suggested by discordant contact relationships and by the preferred orientations of dioritic stocks, of veins and of dykes.

All rock samples and all significant gold, silver and base metal values are plotted on Figures 4A and 4B. For descriptive purposes, discrete zones of mineralization (as labelled on Figures 4A and 4B) are described individually below.

Clay Zone

The Clay Zone, as defined by Chevron, is an approximately 75 by 200 m, east-west elongate area of strong sericite-clay alteration. Within this alteration are east-west trending quartz-galena-arsenopyrite-pyrite veins which are commonly auriferous.

Highest gold values obtained during current work are from quartz vein float taken from a sloughed Chevron pit near the 1987 drill sites. These samples were 18701 with 15800 ppb gold (0.543 oz\t) and 33 ppm silver and 18702 with >20000 ppb gold (0.668 oz\t) and 26.3 ppm silver (Table 2). Both samples were vuggy and stained yellow with visible disseminated pyrite and galena. These samples were geochemically anomalous in lead, antimony, bismuth.

## TABLE 2

## SIGNIFICANT ROCK SAMPLE RESULTS

| Sample No. | ppb Au (oz/ton) | ppm Ag | ppm Cu | ppm Pb | ppm Zn[1] |
|---|---|---|---|---|---|
| **CLAY ZONE** | | | | | |
| 18223 | 1780(0.043) | 33.8 | - | 6192 | - |
| 18224 | 8750(0.123) | 8.9 | - | - | - |
| 18225 | 7400(0.262) | 11.8 | - | 562 | - |
| 18226 | 3300 | 9.2 | - | 1014 | - |
| 18651 | 2390 | 41.0 | - | 3487 | - |
| 18655 | 1910 | 4.7 | - | - | 400 |
| 18657 | 2830 | 54.3 | 641 | 7091 | - |
| 18701 | 15800(0.543) | 33.0 | - | 3605 | - |
| 18702 | >20000(0.668) | 26.3 | - | 1068 | - |
| **GOSSAN A** | | | | | |
| 18962 | 381 | 5.2 | - | - | 8110 |
| 18963 | 690 | 10.9 | - | - | - |
| 18964 | 1485 | 9.4 | 4242 | - | - |
| **GOSSAN B** | | | | | |
| 18720 | 2050 | 3.0 | - | - | - |
| 18722 | 268 | 1.0 | - | - | - |
| 18723 | 848 | 3.6 | - | - | - |
| **CONTACT ZONE** | | | | | |
| 18214 | 338 | 0.5 | - | - | - |
| 18215 | 1300 | 2.3 | - | - | - |
| 18216 | 329 | 1.8 | - | - | - |
| 18217 | 331 | 1.6 | - | - | - |
| 18219 | 4900 | 1.7 | - | - | - |
| **SKARN** | | | | | |
| 18951 | 3000(0.073) | 48.1 | - | - | 5.63% |
| 18952 | 280 | 20.0 | - | 401 | 0.19% |
| 18953 | 374 | 69.7 | - | 609 | 16.4% |
| 18954 | 1020(0.034) | 46.1 | - | 8027 | 0.49% |

1: Values less than 500 ppm Cu, 400 ppm Pb, 400 ppm Zn not shown.

Samples taken from Trench L, dug specifically to locate the source of this float, returned similar results. Sample 18224 returned a gold value of 8750 ppb gold ( 0.123oz/t Au ) with 8.9 ppm silver and sample 18225 returned a value of 7400 ppb gold (0.262 oz/t) and 11.8 ppm silver. Both these samples were grabs of a 15 cm wide quartz vein with minor pyrite, striking east-west and dipping approximately 70 degrees north, sitting loosely in 1 metre of clay gouge containing quartz and metasediment fragments. Grab sample 18226 of this clay gouge returned a value of 3300 ppb gold and 9.2 ppm silver. All the above samples were anomalous in lead, antimony, bismuth, and arsenic. Thirteen metres north of these samples at the north end of Trench L, sample 18223 ( a grab of grey hornfels with fine disseminated pyrite and grey sulphides) returned a value of 1780 ppb gold (0.053 oz/t) and 33.8 ppm silver. Sample 18657, located 5 metres northeast of this, returned 2830 ppb gold and 54.3 ppm silver from a grab of silicified hornfels with pyrite and galena. These samples were also anomalous in lead, antimony, bismuth and arsenic.

At location 1+13 W/ 0+04 N ( 100 metres E of the above mentioned samples and still in the clay zone) a grab of black to grey pyritic hornfelsed quartzite, sample 18655, returned a gold value of 1910 ppb.

Gossan Zones

Several areas of strongly fractured, pyritic, gossanous hornfels were extensively sampled and all zones returned anomalous gold values. The larger and more significant zones are described below though many "spot" anomalies are present throughout the area mapped (see rock descriptions-Appendix B and Figures 4A and 4B).

Gossan A is a 170 metre wide gossanous zone centered at 12+50 W/ 1+00 N ( DDH 9102-02 drill target), which returned anomalous values in gold, silver, copper, zinc, cadmium and arsenic. For example, sample 18964 (Table 2), a grab sample of fractured, pyritic metasediment returned 1485 ppb gold and 4242 ppm copper.

In Gossan B, centered at 6+75 W/ 1+50 S, grab sample 18720 (location 7+15 W/ 1+40 S) of pyritic, brecciated, fractured metasediment returned a value of 2050 ppb gold. A similar sample 18723 (location 7+00 W/ 1+00 S) returned a value of 848 ppb gold with strongly anomalous arsenic. The mineralization in these samples is related to steeply dipping pyritic fractures, some of which have been sheared, and which strike east-west, northeast-southwest and northwest-southeast.

Contact Zone

To the south of the Clay Zone, at 1+20 S between locations 3+25 W and 1+00 W, the approximate contact between the hornfelsed sediments and the andesitic volcanoclastics occurs. Within 75 m of the volcanic-sediment, the andesitic tuffs are relatively pyrite rich. Although outcrop along this contact is sparse, the volcanics are exposed in the banks of two north-northwest trending gullies, one passing through 1+20S/ 3+25 W and one through 2+00 S/ 0+80 W.

In the gully to the west, samples 18214, 18215, 18216, and 18217 returned values of gold ranging from 329 ppb to 1300 ppb. All these samples were taken near the volcanic-sediment contact from relatively siliceous sediments cut by iron carbonate/ limonite shears and by local pyritic quartz stockwork. ( see rock descriptions - Appendix B). In the gully to the east at location 2+00 S 0+80 W, a grab sample of pyritic andesitic breccia (18219) returned a value of 4900 ppb gold.

Skarns adjacent to the Granodiorite.

Selected grab samples of massive sphalerite ( up to 80% ) and pyrrhotite ( up to 20% ) from the skarnified portion of a limestone lens located near 11+10 W/ 0+90 N returned gold values between 3000 ppb and 280 ppb, silver values up to 69.7 ppm, zinc up to 16.40% and lead up to 0.80% (Fig. 4A; Table 2). Cadmium values up to 0.19% are associated with the more zinc rich samples. The limestone pods are approximately 3 to 4 metres across; therefore, it is felt that these results are of limited significance.

Other Zones

A 170 m long, 0.5 to 1.0 m wide, linear zone of brecciated, quartz veined, hornfelsed metasediment occurs between lines 7+00W and 9+00W, 30 metres south of a sub-parallel felsic dyke or sill. The zone of brecciation strikes east-west and dips 60 degrees north. Trace pyrite occurs in the drusy chalcedonic veinlets forming the stockwork. This zone was extensively sampled every 5 m with 34 one metre wide chip samples (sample series 18666 to 18699 - see Figure 4A). Only two samples returned gold values above 100 ppb.

A similar vein is present to the west between lines 13+00 W and 13+50 W at 0+25 S, 20 metres south of the felsic dyke and adjacent to mafic dykes with marginal shears containing minor pyrite and galena but only low gold values. It is most likely that these two zones are continuous beneath the talus and snow.

In the two narrow gossanous zones near 9+00 W 0+95 S, grab samples 18705, 18706, 18707, 18708 and 18709 returned gold values between 375 ppb and 3900 ppb gold and were anomalous in silver, zinc and cadmium. These samples were taken within the metasediments from 0.2 to 1.0 m wide shears with an average strike of 035 degrees, dipping 70 to 78 degrees north. Along these limonitic shear zones are lenses or pods of massive pyrite. Two main shears are present, with the larger of the two traceable for 50 metres. The sediments are gossanous across a width of 1.5 to 2 metres on either side of the shears.

To test gold distribution across the hornfels, the felsic dyke, the basaltic dyke and the siliceous vein breccia, two trenches ( Trenches A and B ) were hand excavated between lines 9+00 W and 8+00 W. Continuous chip samples were taken across Trench A and selective grab samples taken in Trench B (Fig 4A). Only 3 samples returned gold values greater than 100 ppb: two from Trench A (18777 and 18778) and one from Trench B (18714). All were taken in recessive gouge zones within 5 metres of basaltic dykes.

Trenches C, D and E were hand excavated to crosscut the contacts between the hornfels and the felsic dykes, possible shear zones and in the case of Trench E to check a basalt dyke/quartz vein contact. In Trench D a grab sample (18744) of a bleached gossanous felsic dyke with disseminated pyrite returned a gold value of 134 ppb and a 1 metre chip sample of pyritic grey hornfels returned a gold value of 242 ppb. A 15 centimetre chip of a northeast trending clay altered yellow gouge zone with some siliceous fragments returned a gold value of 575 ppb.

Near 1+25S, between L13+00W and L14+00W an easterly trending, 0.5 to 2.0 m wide shear zone hosts minor disseminated pyrite, sphalerite, galena, arsenopyrite and chalcopyrite. Sample 18163 from this zone carries 4.95 g/t gold (0.14 oz/t), 205.4 g/t silver (5.96 oz/t), 4.68% lead and 10.15% zinc.

## SOIL GEOCHEMISTRY

The 469 soil samples taken over the grid were geochemically analysed for gold and by ICP for 30 additional elements. In general, there is no soil development on the grid and all samples were of talus-fine material; however, at lower elevations there is locally poor soil development.

Gold and lead results are plotted on Figures 5A and 5B while all results are compiled in Appendix D.

Gold values vary from 5 to 3500 ppb while lead values vary from 2 to 17,758 ppm (1.78%). Although other elements are not plotted, there is a strong positive correlation between lead, silver, arsenic, antimony. Higher gold values (>100 ppb) correlate well with the elements mentioned above but very high gold values (>750 ppb) do not show a strong correlation with other elements and may be due to nugget effects.

Gold anomalies generally lie within the anomaly outlined by Chevron (Cann and Crowe, 1991) but the more detailed current work has resulted in smaller more defined anomalies. Values over 1000 ppb gold are scattered throughout the grid but the largest cluster of higher values is part of an east-west trending anomaly located at the north end of lines 16+00W and 16+50W, close to the irregular contact between metasediments and granodiorite. Although the source of the anomaly is not apparent, it may originate from low grade gold mineralization associated with pyritic hornfelsed sediments marginal to the granodiorite. A similar soil anomaly occurs downslope from Gossan A (Fig. 4B) and from Gossan B (Fig. 4A). A small gold anomaly is centred near L9+00W/1+00S (Fig. 4A) and appears to be related to northeast trending, auriferous shears.

A broad, 250 m wide gold anomaly is centred over the Clay Zone and disperses downslope to merge with an anomaly which is probably related to pyritic volcanics near the Contact Zone.

Very strong lead anomalies are spatially coincident with the gold anomalies associated with the Clay Zone and located at the north end of lines 16+00W and 16+50W. A moderately strong, east-west trending lead anomaly also lies above the sediment-volcanic contact on Fig. 5B. Lead in this area may be derived from easterly trending, galena/sphalerite-bearing shears mapped in this area (Fig. 4B).

## CONCLUSIONS

The Outlaw claims are underlain by a conformable sequence of Upper Triassic andesitic volcanics and overlying sediments. Volcanic and sedimentary strata has been intruded by Cretaceous(?) granodiorite stocks and dykes; Tertiary(?) felsic dykes and sills; and Tertiary basalt dykes. Sediments have been strongly hornfelsed, fractured and pyritized near the granodiorite.

Precious and base metal mineralization occurs in three settings on the property. The first setting is gold-silver-lead-zinc in shears or in sheared quartz veins, commonly in close spatial relationship with felsic and basalt dykes and sills (e.g. Clay Zone). Low precious metal values within the dykes suggests the spatial relationship is due to the dykes following pre-existing structures and is not a genetic relationship. Although mainly confined to the hornfelsed sediments, shear-related mineralization also occurs within the volcanics.

Anomalous gold-silver mineralization also occurs in pyritic stockworks hosted by strongly fractured, hornfelsed sediments near granodiorite bodies (e.g. Gossan A and Gossan B zones). Stockwork mineralization may enclose and include shear related mineralization.

Although areally insignificant, high-grade sphalerite-pyrrhotite skarns occur where limestone or limy sediments are in contact with granodiorite.

Detailed soil/talus sampling over a 2 km by 0.3 km area defined a number of strong gold-silver-lead-zinc-arsenic-antimony anomalies. Most of the anomalies can be related to known mineralized zones; however, at least two anomalies have no known source and should be further evaluated.

## BIBLIOGRAPHY


Barr, D.A., 1989, Geological Report on the Misty-Nie, Inlaw and Outlaw Properties of Shannon Energy Ltd., Chevron Minerals Ltd., Dia Met Minerals Ltd. and Lightning Creek Mines Ltd. for Shannon Energy Ltd., Unpublished company report.

Cann, R.M. and Crowe, G.G., 1991, Summary Report on the Outlaw and Inlaw Properties, Unpub. report for Glider Developments Inc.

Freeze, J.C. 1987, Report on the Northern Gold Project for Lightning Creek Mines Ltd., prepared by Stillwater Enterprises Ltd., May 26, 1987, unpublished report.

Gunning, M.H., 1988, Tulsequah Chief; in Exploration in British Columbia 1987, B.C. Ministry of Energy, Mines and Petroleum Resources, pp. B78 - B83.

Monger, J.W.H., 1980, Upper Triassic Stratigraphy, Dease Lake and Tulsequah Map Areas, Northwestern British Columbia; in Current Research, Part B, Geological Survey of Canada, Paper 80-1B, pp. 1-9.

Nelson, J. and Payne, J.G., 1983, *Palaeozoic Volcanic Assemblages and Volcanogenic* Massive Sulphide Deposits near Tulsequah, British Columbia, Canadian Journal of Earth Sciences, V. 21, pp. 379-381.

Oliver, J.L. and Hodgson C.J., 1988, Geology and Mineralization, Bearskin (Muddy) and Tatsamenie Lake District (South Half), Northwestern British Columbia, geological Fieldwork 1988, Ministry of Energy, Mines and Petroleum Resources, Paper 1989-1, pp. 443-453.

Schroeter, T.G., 1986, Muddy Lake Project, Geological Fieldwork 1985, Ministry of Energy, Mines and Petroleum Resources, Paper 1986-1, pp. 175-189.

Schroeter, T.G., 1987, Golden Bear Project, Geological Fieldwork 1986, Ministry of Energy, Mines and Petroleum Resources, Paper 1987-1, pp. 103-109.

Souther, J.G., 1971, Geology and mineral deposits of Tulsequah map-area, British Columbia (104K), Geol. Surv. Canada Memoir 362.

Walton, G., 1984a, Geological, Geochemical and Physical Work, Outlaw 1-4 Claims, June 1984, B.C.D.M. Assessment Report 12654.

Walton, G., 1984b, Geological, Geochemical Surveys, Inlaw 1 Claim, October 1984, B.C.D.M. Assessment Report 13107.

Walton, G., 1985a, Compilation Report, Geology and Geochemistry, Outlaw 1-4, Inlaw 1 Claims, February, 1985, unpublished report.

Walton, G., 1985b, Physical Work, Outlaw 1-2 Claims, November, 1985, B.C.D.M. Assessment Report.

Walton, G., 1987, Chevron Minerals Ltd., Dia Met Minerals Ltd., Lightning Creek Mine Ltd. Joint Venture, Tats Project, Tatsamenie Lake, British Columbia, 1987 Summary Report, September 1987, unpublished report.

Woodcock, J.R., 1987, Drilling Report on the Thorn Property, B.C.D.M. Assessment Report 15,897.

## CERTIFICATE

I, Robert M. Cann, of 1260 Silverwood Crescent, North Vancouver, British Columbia hereby certify that:

1) I am a consulting geologist with offices at 205-470 Granville Street, Vancouver, B.C.

2) I hold a degree of Bachelor of Science (Honours) in Geology from the University of British Columbia, 1976.

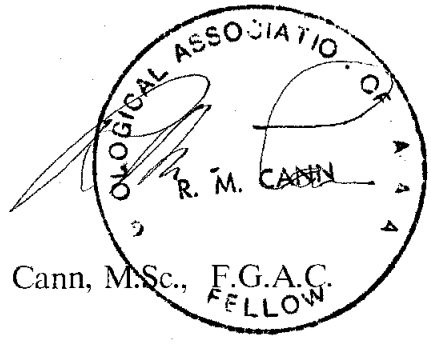
3) I hold a degree of Master of Science in Economic Geology from the University of British Columbia, 1979.

4) I have practised my profession continuously since 1979.

5) I am a Fellow of the Geological Association of Canada.

6) This report is based on work done under my direct supervision.

Dated on this 18th day of October, 1991 at Vancouver, B.C.




Robert M. Cann, M.Sc., F.G.A.C.

## CERTIFICATE

I, Jim Lehtinen, of the City of Vancouver, British Columbia hereby certify that:

1) I am a consulting geologist residing at #302 - 880 West 71st Avenue, Vancouver, B.C.

2) I hold a degree of Bachelor of Science in Geology from the University of British Columbia, 1984.

3) I have practised my profession continuously since 1984.

4) I am a Fellow of the Geological Association of Canada.

5) This report is based on work done under my direct supervision.

Dated on this 18th day of October, 1991 at Vancouver, B.C.

Jim Lehtinen, B.Sc., F.G.A.C.

# Appendix A

# COSTS INCURRED

## COSTS INCURRED - JUNE 30 TO JULY 27

| | | |
|---|---|---|
| Mobilization | | $ 1,466.41 |
| Supervision - R. M. Cann | 3.3 @ $400/day | 1,320.00 |
| Field superv. - L. Haynes/J. Lehtinen | 12.4 @ $375/day | 4,650.00 |
| Sr. geol. - W. Taylor | 18.4 @ $350/day | 6,440.00 |
| Jr. geol. - S. Cormier | 20.1 @ $250/day | 5,025.00 |
| Ass't - S. Becherer | 11.1 @ $225/day | 2,497.50 |
| Ass't - J. McGregor | 10.1 @ $225/day | 2,272.50 |
| Ass't - S. Martin | 14.1 @ $225/day | 3,172.50 |
| Ass't - H. Culbert | 5.2 @ $225/day | 1,170.00 |
| Food and accom. at Trapper Lk. camp | 94.7 @ $120/manday | 11,364.00 |
| Consumable supplies & equip. rental | 94.7 @ $25/manday | 2,367.50 |
| Portable radio rentals | | 90.00 |
| Helicopter (Trans North) | 19.53@ $750/hr | 14,647.50 |
| Analytical | | |
| Soils (Au+30 element ICP) | 469 @ $12 | 5,628.00 |
| Rocks (Au+30 element ICP) | 232 @ $17 | 3,944.00 |
| Gold assays | 14 @ $8.50 | 119.00 |
| Camp Construction - Jempland (proportional share) | | |
| Labour | | 3,696.70 |
| Materials | | 3,539.90 |
| Transportation | | 3,556.00 |
| Report | | |
| Drafting | | 500.00 |
| Copying/Reproductions | | 550.00 |
| Writing | | 3950.00 |
| **TOTAL** | | **$ 81,966.51** |

# Appendix B

# ROCK SAMPLE DESCRIPTIONS

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| SAMPLE NO. | CLAIM | WIDTH metres | UTM northing | UTM easting | ELEVATION metres | DESCRIPTION |
|---|---|---|---|---|---|---|
| 18101 | Outlaw 1 | Float | 0+10N | 13+00W | | Quartz stockwork in a silicified sediment or volcanic. Rusty, vuggy; similar to lower qtz. zone. |
| 18102 | Outlaw 1 | Grab | 0+14N | 13+95W | | Semi-massive to massve pyrite aggregate within gossanous sediments. Hosted in 040 structure. |
| 18103 | Outlaw 1 | Grab | 0+25N | 13+91W | | Massive pyrite pod hosted in a 40 to 70 cm wide structure oriented at 340. |
| 18104 | Outlaw 1 | Grab | 1+00N | 14+20W | | Quartz rich rusty, vuggy o/c with minor pyrite. |
| 18105 | Outlaw 1 | Grab | 2+00N | 14+50W | | Hosted near granodiorite/diorite contact. Minor quartz stockwork in rusty, gossanous o/c. |
| 18106 | Outlaw 1 | Grab | 1+00N | 14+60W | | Quartz rich subcrop with strong iron stain. |
| 18107 | Outlaw 1 | Grab | 1+75N | 14+80W | | Orange weathering dark grey sediment. Trace pyrite. |
| 18108 | Outlaw 1 | Grab | 1+50N | 13+50W | | Rusty breccia at the base of the granodiorite. |
| 18109 | Outlaw 1 | Grab | 0+50N | 14+00W | | Quartz rich, rusty, vuggy outcrop. |
| 18110 | Outlaw 1 | Grab | 0+10N | 13+25W | | Siliceous, quartz rich, vuggy, rusty o/c. Disseminated pyrite. |
| 18111 | Outlaw 1 | Grab | 1+25N | 13+00W | | Intense limonite stain and boxwork near granodiorite. |
| 18112 | Outlaw 1 | Grab | 0+89N | 13+12W | | 10 to 13 cm pyrite vein in a 30 cm shear zone oriented 300. Hosted in the main gossanous zone. |
| 18115 | Outlaw 1 | Grab | 1+00N | 18+00W | | Clay altered sediments. Limonite on fractures. |
| 18116 | Outlaw 1 | Grab | 0+14S | 17+64W | | Silicified, coarse grained felsic dyke. Moderate pyrite, limonite stain. |
| 18117 | Outlaw 1 | Grab | 0+70S | 17+50W | | Sedimentary breccia with carbonate matrix. |
| 18118 | Outlaw 1 | Float | 0+50N | 17+00W | | Vuggy, rusty +/- scorodite stained float. |
| 18119 | Outlaw 1 | Grab | 0+02S | 17+00W | | Pod of pyrite in sheared sediments. |
| 18120 | Outlaw 1 | Grab | 0+00N | 17+75W | | Rusty sheared sediments. |
| 18121 | Outlaw 1 | Float | 0+00N | 17+03W | | Rusty, drusy quartz. |
| 18122 | Outlaw 1 | Grab | 0+40N | 16+60W | | Rusty altered sediments. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | | |
|---|---|---|---|---|---|---|
| 18123 | Outlaw 1 | Grab | 0+88S | 15+27W | | Rusty, vuggy quartz in 15cm shear. 050/90. |
| 18124 | Outlaw 1 | Grab | 0+29S | 17+39W | | Sediment with disseminated pyrite in fractures. |
| 18125 | Outlaw 1 | Grab | 0+22S | 17+29W | | Grainy textured sediment. Disseminated pyrite. |
| 18126 | Outlaw 1 | Float | 1+00N | 17+70W | | Altered intrusive with abundant pyrrhotite. |
| 18127 | Outlaw 1 | Float | 1+15N | 15+05W | | Silicified sediment with limonite and pyrite. |
| 18128 | Outlaw 1 | Grab | 0+50N | 15+25W | | Strongly fractured sediments. Minor Py & limonite. |
| 18129 | Outlaw 1 | Grab | 0+25S | 15+15W | | Green clay alterd sediment with strong foliation and fracturing. Limonite stain. |
| 18130 | Outlaw 1 | Grab | 1+10N | 11+60W | | Dyke or altered sed. with heavy disseminated Py. |
| 18131 | Outlaw 1 | Grab | 0+02N | 13+99W | | Diorite dyke with heavy pyrite. |
| 18132 | Outlaw 1 | Grab | 0+25N | 14+10W | | Felsic dyke, rusty. |
| 18133 | Outlaw 1 | Grab | 0+05N | 13+00W | | Sheared, altered sediment, diss. pyrite. |
| 18134 | Outlaw 1 | Grab | 3+50S | 11+30W | | Quartz vein hosted in iron carbonate fault breccia trending 300. Pyrite, trace sphalerite. |
| 18135 | Outlaw 1 | Grab | 4+00S | 11+00W | | 3.0 metre zone of iron carbonate breccia and volcanics. |
| 18136 | Outlaw 1 | Grab | 0+75N | 17+00W | | Banded quartzite with limonite on fractures. |
| 18137 | Outlaw 1 | Grab | 0+80N | 17+00W | | Strongly fracturd quartzite. Limonite. |
| 18138 | Outlaw 1 | Grab | 0+85N | 17+00W | | Black argillic sediments. |
| 18139 | Outlaw 1 | Grab | 0+90N | 17+00W | | Black argillic sediments. |
| 18140 | Outlaw 1 | Grab | 0+95N | 17+00W | | Black argillic sediments. |
| 18147 | Outlaw 2 | Grab | 6489630 | 631870 | | Carbonate breccia in sheared volcanics. 330 trend. |
| 18148 | Outlaw 2 | Grab | 6489610 | 631630 | | Limonitic sheared(330) volcanics. Minor pyrite. |
| 18149 | Outlaw 2 | Grab | 6489760 | 632340 | | Carbonate altered granitic dyke. Diss. pyrite. |
| 18150 | Outlaw 2 | Grab | 6489640 | 632290 | | 10m felsic dyke, 080. Carbonate stringers, trace py |
| 18156 | Outlaw 1 | Grab | 1+00S | 17+70W | 1695 | Pyrite <1% hosted in siliceous sediments. Oriented 100/20-50S. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | | |
|---|---|---|---|---|---|---|
| 18157 | Outlaw 1 | Grab | 0+25S | 14+20W | 1745 | Diorite, med. grey, med. grained. 5% pyrite as blebs and disseminations. Trending approx. 170. |
| 18158 | Outlaw 1 | Grab | 0+25S | 14+25S | 1745 | Contact diorite/sediments. Sediment hosted pyrite, 15% as clusters and aggregates. |
| 18159 | Outlaw 1 | Grab | 0+30S | 13+50W | 1720 | Chert-quartz 2.0m stringer zone. Quartz-carbonate matrix with cherty or silicified fragments. Trace pyrite. |
| 18160 | Outlaw 1 | Grab | 1+30S | 13+75W | 1660 | Shear zone 0.5-2.0m width. variably mineralized. Finely disseminated pyrite, sphalerite, galena, arsenopyrite and trace chalcoyrite. Trends 080. |
| 18161 | Outlaw 1 | Grab | 1+30S | 13+75W | 1660 | Shear zone . Same as sample 18160. Composite grab sample taken along 70 metres of strike length. |
| 18162 | Outlaw 1 | Grab | 0+25S | 13+90W | | Diorite dyke. 5-15% disseminated pyrite. |
| 18163 | Outlaw 1 | Grab | 1+26S | 13+53W | | 15cm shear zone off of main shear. 040/44N. Erratic pyrite, sphalerite, galena, arsenopyrite. |
| 18164 | Outlaw 1 | Grab | 1+23S | 13+45W | 1710 | Sheared seds. with pyrite, sphalerite, galena. |
| 18165 | Outlaw 1 | Grab | 3+80S | 10+40W | 1690 | < 1.0m carbonate altered zone with pyrite, and sphalerite. |
| 18175 | Outlaw 1 | Grab | 3+45S | 12+70W | 1705 | Carbonate breccia zone trending 055. Rare fragments of sphalerite, pyrite, arsenopyrite, tetrahedrite. |
| 18176 | Outlaw 1 | Grab | 3+32S | 12+95W | 1685 | Carbonate breccia, 10-15m width. Minor pyrite. |
| 18177 | Outlaw 1 | Grab | 6489600 | 631300 | 1485 | Carbonate breccia and flood zone. Trending 310/SW. Minor pyrite and sphalerite. |
| 18178 | Outlaw 1 | Float | 6489580 | 631330 | 1485 | From carbonate/recessive zone. 1-2% pyrite and sphalerite. |
| 18179 | Outlaw 1 | Grab | 6489450 | 630980 | 1500 | 25cm barren quartz-carbonate vein with 75cm quartz stringer footwall. 084/54S. |
| 18200 | Outlaw 2 | Grab | 1+01N | 3+68W | | Trench C. Bleached gossanous Q.F.P. Pyrite casts. |
| 18201 | Outlaw 2 | Grab | 1+04N | 3+68W | | Trench C. Black/grey hornfels with pyrite along fractures. |
| 18202 | Outlaw 2 | Grab | 1+29N | 4+06W | | Gossanous, banded hornfels with pyrite along fractures. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| 18203 | Outlaw 2 | Grab | 1+68N | 3+59W | Clay altered gossanous hornfels. |
| 18204 | Outlaw 2 | Grab | 1+69N | 3+51W | Gossanous, bleached Q.F.P. dyke near hornfels and mafic dyke. |
| 18205 | Outlaw 2 | Grab | 0+54N | 3+07W | Pyritic hornfels adjacent to Q.F.P. dyke. |
| 18206 | Outlaw 2 | Grab | 2+50S | 2+75W | Andesite tuff with disseminated pyrite throughout. Chloritized, magnetic. Stongly jointed at 005/85W. |
| 18207 | Outlaw 2 | Grab | 1+94S | 3+07W | Andesite tuff. Disseminated pyrite. |
| 18208 | Outlaw 2 | Grab | 1+52S | 3+20W | Gossanous tuff. Clay altered and limonitic. |
| 18209 | Outlaw 2 | Grab | 1+47S | 3+21S | Andesite tuff. Abundant pyrite along siliceous fractures. |
| 18210 | Outlaw 2 | Grab | 1+34S | 3+22W | Andesite tuff. Abundant pyrite and silica. |
| 18211 | Outlaw 2 | Grab | 1+25S | 2+89W | Andesite tuff with trace disseminated pyrite. |
| 18212 | Outlaw 2 | Grab | 1+15S | 2+94W | 2-3 metre quartz carbonate zone. E-W strike. Ankeritic with trace pyrite. |
| 18213 | Outlaw 2 | Grab | 0+93S | 3+09W | "Quartzite" hornfels. minor disseminated pyrite. |
| 18214 | Outlaw 2 | Grab | 0+66S | 2+88W | Quartzite, disseminated pyrite. |
| 18215 | Outlaw 2 | Grab | 0+95S | 2+55W | 15cm shear 080/90. Pyrite in quartz veinlets. |
| 18216 | Outlaw 2 | Grab | 1+24S | 3+25W | 1.0m quartz vein stockwork in hornfelsed sediments. Pyrite along fractures. |
| 18217 | Outlaw 2 | Grab | 1+16S | 3+26W | Siliceous, pyritic shear in hornfels. 050/90. |
| 18218 | Outlaw 2 | Grab | 2+29S | 1+83W | Andesite tuff. Pyrite, diss. and in fractures. |
| 18219 | Outlaw 2 | Grab | 1+94S | 0+82W | Andesite breccia. Disseminated pyrite. |
| 18220 | Outlaw 2 | Grab | 1+50S | 1+00W | Gossanous andesite tuff. Disseminated pyrite. |
| 18221 | Outlaw 2 | Grab | 0+56S | 1+92W | Hornfelsed quartzite. Trace pyrite. |
| 18222 | Outlaw 2 | Grab | 0+04N | 1+58W | Banded hornfels with trace pyrite. |
| 18223 | Outlaw 2 | Grab | 0+11S | 2+13W | Trench 2. Hornfels with pyrite and fine grey sulfides. |
| 18224 | Outlaw 2 | Grab | 0+20S | 2+14W | 15cm quartz vein with pyrite. 090/70N. Hosted in clay gouge. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| 18225 | Outlaw 2 | Grab | 0+20S | 2+14W | As 18224. Trench L. |
| 18226 | Outlaw 2 | Grab | 0+19S | 2+12W | As 18224/18225. |
| 18227 | Outlaw 2 | Grab | 0+40S | 9+97W | Vuggy quartz within hornfelsed unit. Trace pyrite. |
| 18228 | Outlaw 1 | Grab | 0+37N | 10+94W | Gossanous hornfelsed sediment with pyrite in fractures. |
| 18229 | Outlaw 2 | Grab | 0+98N | 8+06W | Gossanous pyritic rock near chert-breccia horizon. |
| 18230 | Outlaw 2 | Grab | 0+32N | 8+23W | Gossanous, pyritic, magnetic sediments. |
| 18231 | Outlaw 2 | Grab | 0+01S | 8+31S | Gossanous, manganese stained argillite. Trench B. |
| 18301 | Outlaw 2 | Grab | 6489680 | 632420 | Rusty felsic dyke. Minor pyrite. |
| 18302 | Outlaw 2 | Grab | 6489560 | 632380 | Iron carbonate shear with felsic dyke(10m). 080/72S |
| 18303 | Outlaw 2 | Grab | 2+28S | 2+74W | Highgrade grab sample. Mafic volcanic with pod of sulfides. |
| 18304 | Outlaw 2 | Grab | 1+60S | 1+00W | Hornfelsed sediments with moderate diss. pyrite. |
| 18651 | Outlaw 2 | Float | 0+25S | 1+67W | Quartzite with minor pyrite and arsenopyrite. |
| 18652 | Outlaw 2 | 0.35 | 0+14S | 1+09W | 35 cm rusty shear zone, 320/70E. |
| 18653 | Outlaw 2 | Grab | 0+15S | 1+08W | Clay alterd sediments with intense limonite stain. |
| 18654 | Outlaw 2 | Grab | 0+13S | 1+05W | Grey siltstone with moderate stringer and disseminated pyrite. |
| 18655 | Outlaw 2 | Grab | 0+03N | 1+12W | Dark grey-black quartzite with moderate to strong pyrite and minor chalcopyrite. |
| 18656 | Outlaw 2 | Grab | 0+57N | 1+64W | Clay altered sediments with disseminated iron stain. |
| 18657 | Outlaw 2 | Grab | 0+11S | 2+13W | Minor silicification of sandy sediments. Pyrite and minor galena. |
| 18658 | Outlaw 2 | Grab | 0+08S | 2+13W | Light gray clay alterd sediments with minor pyrite and galena. |
| 18659 | Outlaw 2 | Grab | 1+70N | 3+59W | 5 cm, E-W quartz vein in rhyolite porphyry. |
| 18660 | Outlaw 2 | Grab | 0+58S | 7+47W | Trench 4. Vuggy, silicified shear in sediments. Quartz stockwork, pyrite and iron oxide. 117/40N. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| 18661 | Outlaw 2 | 1.0 | 0+50S | 7+99W | Chip sample over shear oriented 087/90. Quartz vein and stockwork. Moderate pyrite. |
| 18662 | Outlaw 2 | Float | 0+56S | 7+99W | Rusty, brecciated with quartz matrix and sedimentary clasts. |
| 18663 | Outlaw 2 | Grab | 0+50S | 8+70W | Quartz veining in siliceous sediment. Minor pyrite. |
| 18664 | Outlaw 2 | Grab | 0+42S | 9+02W | Composite sample of Trench 1. Silicified diorite with minor pyrite. Fracturing at 156/90. |
| 18665 | Outlaw 2 | Grab | 0+75S | 9+00W | Fine grained volcanic or sediment. Iron stain and minor arsenopyrite. |
| 18666 | Outlaw 2 | Chip | | | Samples 18666 through 18699. All samples were taken over 1.0 metre chip length approximately every 5.0 metres along the E-W quartz vein zone. The zone is located between lines 7+00 and 9+00W, at approx. 0+50S. Location details are provided in a sketch included in this appendix. |
| 18667 | " | | | | " |
| 18668 | " | | | | " |
| 18668 | " | | | | " |
| 18669 | " | | | | " |
| 18670 | " | | | | " |
| 18671 | " | | | | " |
| 18672 | " | | | | " |
| 18673 | " | | | | " |
| 18674 | " | | | | " |
| 18675 | " | | | | " |
| 18676 | " | | | | " |
| 18677 | " | | | | " |
| 18678 | " | | | | " |
| 18679 | " | | | | " |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| 18680 | " | | | | " |
| 18681 | " | | | | " |
| 18682 | " | | | | " |
| 18683 | " | | | | " |
| 18684 | " | | | | " |
| 18685 | " | | | | " |
| 18686 | " | | | | " |
| 18687 | " | | | | " |
| 18688 | " | | | | " |
| 18689 | " | | | | " |
| 18690 | " | | | | " |
| 18691 | " | | | | " |
| 18692 | " | | | | " |
| 18693 | " | | | | " |
| 18694 | " | | | | " |
| 18695 | " | | | | " |
| 18696 | " | | | | " |
| 18697 | " | | | | " |
| 18698 | " | | | | " |
| 18699 | " | | | | " |
| 18700 | Outlaw 1 | Grab | 0+75S | 11+50W | Quartz stockwork in silicified sediment or volcanic. Vuggy. |
| 18701 | Outlaw 2 | Float | 0+31S | 2+07W | Quartz vein,stained yellow with minor vugs. Pyrite and disseminated galena. |
| 18702 | Outlaw 2 | Float | 0+33S | 2+11W | Quartz vein. Pyrite and minor galena. |
| 18703 | Outlaw 2 | Grab | 1+13N | 3+37W | Rusty rhyolite porphyry. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| 18704 | Outlaw 2 | Grab | 1+07N | 3+71W | Composite grab sample in vuggy rhyolite porphyry. N-S shearing and E-W fractures. |
| 18705 | Outlaw 2 | Grab | 0+78S | 9+14W | 15 cm shear hosted in 4.0m zone 050/76NW. Rusty siliceous hornfelsed sediments. |
| 18706 | Outlaw 2 | Grab | 1+05S | 9+09W | Pyritic sediments along shear at 025/70NW. |
| 18707 | Outlaw 2 | Grab | 1+01S | 9+03W | Siliceous, pyritic shears < 1.0m. Shears oriented at 038/75NW, 054/72NW. |
| 18708 | Outlaw 2 | Grab | 0+97S | 8+98W | Massive pyrite within conjugate fractures at 040 and 080. Zone 2-3 m width. |
| 18709 | Outlaw 2 | Grab | 0+84S | 8+90W | Pyritic shear, 040/90, 3.0 m within sediments. |
| 18710 | Outlaw 2 | 0.9 | 0+39S | 8+08W | Chip sample, Trench B. Rotten sediments and gouge. Limonitic between more competent hornfelsed units. |
| 18711 | Outlaw 2 | 0.5 | 0+19S | 8+21W | Chip sample, Trench B. Rusty limonitic gouge within hornfelsed sediments. Sample lost. No assay values. |
| 18712 | Outlaw 2 | 1.5 | 0+15S | 8+22W | Chip sample, Trench B. Light brown rubbly gouge. |
| 18713 | Outlaw 2 | 1.8 | 0+13S | 8+23W | Chip sample, Trench B. Gray-black graphitic gouge. Basaltic dyke at footwall. |
| 18714 | Outlaw 2 | 0.8 | 0+11S | 8+25W | Chip sample, Trench B. Hornfelsed sediments with minor pyrite. Adjacent to clay gouge zone. |
| 18715 | Outlaw 2 | 2.0 | 0+07S | 8+27W | Chip sample, Trench B. Hornfelsed rubbly sediments with gouge material. |
| 18716 | Outlaw 2 | Grab | 0+02N | 8+33W | Trench B. Manganese and limonite stained. Trace Py. |
| 18717 | Outlaw 2 | Grab | 1+50S | 6+75W | Siliceous gossanous rock, trace pyrite. Fracture shearing at 048/65-90. |
| 18718 | Outlaw 2 | Grab | 1+44S | 6+94W | Pyritic, siliceous, gossanous dark green rock. |
| 18719 | Outlaw 2 | Grab | 1+37S | 7+00W | Pyritic, siliceous gossanous material. |
| 18720 | Outlaw 2 | Grab | 1+40S | 7+15W | NW-SE fractured, pyritic gossanous rock. |
| 18721 | Outlaw 2 | Grab | 1+65S | 7+00W | Siliceous , gossanous rock. Disseminated pyrite. Pyrite related to 035/90 fractures. |
| 18722 | Outlaw 2 | Grab | 1+50S | 6+75W | Pyritic gossanous rock. |
| 18723 | Outlaw 2 | Grab | 1+05S | 7+29W | Gossanous NW & NE fracture zone. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| | | | | | Pyrite in NE fractures. |
| 18728 | Outlaw 2 | Grab | 0+20S | 7+53W | Pyrite within banded gossanous sediments. |
| 18729 | Outlaw 2 | Grab | 0+10N | 7+54W | Gossanous gritty, cherty sediments and porphyritic dyke. Minor pyrite. |
| 18730 | Outlaw 2 | Grab | 0+25N | 7+55W | As above. |
| 18731 | Outlaw 2 | Grab | 0+23N | 7+55W | Bleached sediment/gossanous contact trending 115, trace pyrite. |
| 18732 | Outlaw 2 | Grab | 0+25S | 7+00W | Manganese stained magnetic rock in seds. Trace py. |
| 18733 | Outlaw 2 | Grab | 0+75S | 6+95W | 0.5 to 1.0m vuggy quartz vein stockwork. 100/N. |
| 18734 | Outlaw 2 | Grab | 0+80S | 6+95W | White bleached limonitic & clay altered quartz vein within hornfelsed sediments. Trace pyrite. |
| 18735 | Outlaw 2 | Grab | 1+75S | 6+05W | Gossanous zone near sediment/volcanic contact. Disseminated pyrite. Manganese stain. NW/SE fracturing. |
| 18736 | Outlaw 2 | Grab | 1+46S | 6+05W | Grey hornfelsed cherts. Disseminated pyrite in fractures. |
| 18737 | Outlaw 2 | 1.0 | 1+17N | 3+45W | Trench D, chip sample. Rubbly sediments, limonite, trace pyrite. |
| 18738 | Outlaw 2 | 0.70 | 1+03N | 3+45W | Trench D, chip sample. Pyritic hornfelsed unit within rubbly sediments. |
| 18739 | Outlaw 2 | 0.15 | 1+03N | 3+45W | Trench D, chip sample. NE trending clay altered yellow gouge with some siliceous fragments. |
| 18740 | Outlaw 2 | 0.70 | 1+01N | 3+45W | Trench D, chip sample. Gossanous limonite/pyrite. |
| 18741 | Outlaw 2 | Grab | 1+28N | 5+03W | Small gossanous zone within sediments. Manganese-limonite stain. Trace pyrite. |
| 18742 | Outlaw 2 | Grab | 0+31N | 4+33W | Quartz feldspar porphyry dyke oriented 100. Clay alterd, rusty patches. |
| 18743 | Outlaw 2 | 1.0 | 0+63N | 3+44W | Trench D, chip sample, 58.5-59.5m. Pyritic siliceous hornfels. |
| 18744 | Outlaw 2 | Grab | 0+72N | 3+45W | Trench D. Quartz feldspar porphyry dyke. Minor disseminated pyrite. |
| 18745 | Outlaw 2 | Grab | 0+74N | 3+45W | Trench D. Same as 18744 with increased pyrite. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| 18746 | Outlaw 2 | 1.0 | 0+81N | 3+45W | Trench D, chip sample 41-42m. Banded hornfels with strongly magnetic bands. Minor pyrite along fractures. |
| 18747 | Outlaw 2 | Grab | 0+93N | 3+45W | Black-banded hornfelsed sediments with pyrite along fractures. |
| 18748 | Outlaw 2 | Grab | 1+03N | 3+23W | Gossanous dyke. Bleached white, limonitic, transitional to hornfels. Diss.pyrite. |
| 18749 | Outlaw 2 | Grab | 0+88N | 3+67W | Quartz feldspar porphyry dyke. Disseminated pyrite. |
| 18750 | Outlaw 2 | Grab | 0+98N | 3+68W | Pyritic hornfels adjacent to Q.F.P. dyke. |
| 18751 | Outlaw 2 | 2.0 | | | Trench A, 62-64m. |
| 18752 | " | 2.0 | | | Trench A, 60-62m. |
| 18753 | " | 2.0 | | | Trench A, 58-60m. |
| 18754 | " | 2.0 | | | Trench A, 56-58m. |
| 18755 | " | 2.0 | | | Trench A, 54-56m. |
| 18756 | " | 2.0 | | | Trench A, 52-54m. |
| 18757 | " | 2.0 | | | Trench A, 50-52m. |
| 18758 | " | 2.0 | | | Trench A, 48-50m. |
| 18759 | " | 2.0 | | | Trench A, 46-48m. |
| 18760 | " | 2.0 | | | Trench A, 44-46m. |
| 18761 | " | 2.0 | | | Trench A, 42-44m. |
| 18762 | " | 2.0 | | | Trench A, 40-42m. |
| 18763 | " | 2.0 | | | Trench A, 38-40m. |
| 18764 | " | 2.0 | | | Trench A, 36-38m. |
| 18765 | " | 2.0 | | | Trench A, 34-36m. |
| 18766 | " | 2.0 | | | Trench A, 32-36m. |
| 18767 | " | 2.0 | | | Trench A, 30-32m. |
| 18768 | " | 2.0 | | | Trench A, 28-30m. |

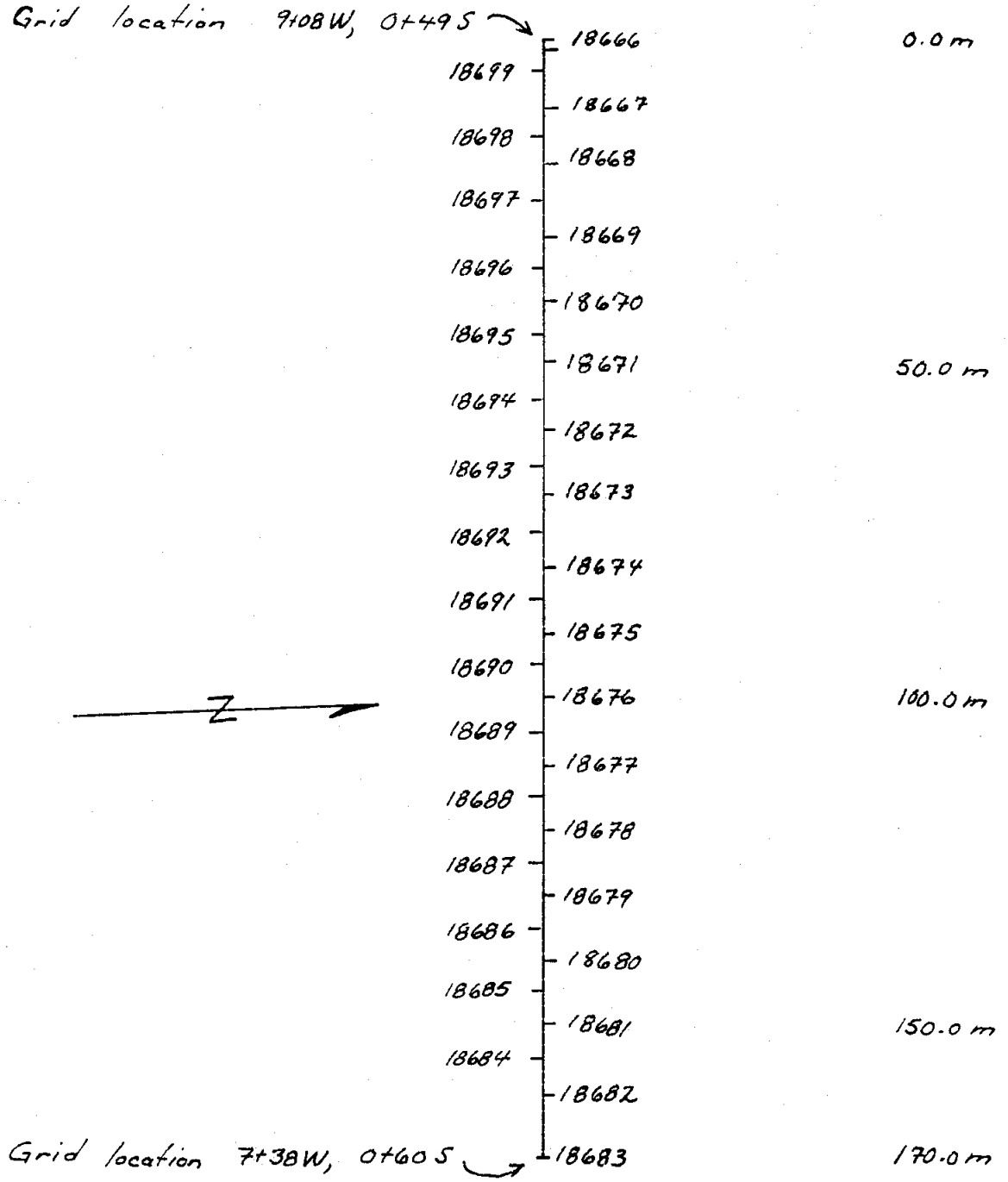
ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| 18769 | " | 2.0 | | | Trench A, 26-28m. |
| 18770 | " | 2.0 | | | Trench A, 24-26m. |
| 18771 | " | 2.0 | | | Trench A, 22-24m. |
| 18772 | " | 2.0 | | | Trench A, 20-22m. |
| 18773 | " | 2.0 | | | Trench A, 18-20m. |
| 18774 | " | 2.0 | | | Trench A, 16-18m. |
| 18775 | " | 2.0 | | | Trench A, 14-16m. |
| 18776 | " | 2.0 | | | Trench A, 12-14m. |
| 18777 | " | 2.0 | | | Trench A, 10-12m. |
| 18778 | " | 2.0 | | | Trench A, 8-10m. |
| 18779 | " | 1.0 | | | Trench A, 7-8m. |
| 18780 | " | 1.0 | | | Trench A, 6-7m. |
| 18781 | " | 2.0 | | | Trench A, 4-6m. |
| 18782 | " | 2.0 | | | Trench A, 2-4m. |
| 18783 | " | 1.0 | | | Trench A, 1-2m. |
| 18784 | " | 1.0 | | | Trench A, 0-1m. |
| 18785 | " | 2.0 | | | Trench A, 64-66m. |
| 18786 | " | 2.0 | | | Trench A, 66-68m. |
| 18951 | Outlaw 1 | Float | 0+89N | 11+10W | Massive black sphalerite-pyrrhotite skarn. 80% sphalerite, 20% pyrrhotite. |
| 18952 | Outlaw 1 | Grab | 0+89N | 11+10W | Massive sphalerite-pyrrhotite lens in limestone. |
| 18953 | Outlaw 1 | | 0+89N | 11+10W | Massive sphalerite-pyrrhotite lens in limestone. |
| 18954 | Outlaw 1 | | 0+89N | 11+10W | Quartz diorite next to sphalerite-pyrrhotite skarn lens. |
| 18955 | Outlaw 2 | | 0+75N | 3+50W | Sheared and bleached sediments. Limonitic, quartz and pyrite. |

ROCK DESCRIPTION SHEET OUTLAW: 9102 (GRIOL)

| | | | | | |
|---|---|---|---|---|---|
| 18962 | Outlaw 1 | Grab | 0+65N | 13+65N | Hornfels. 1-2 cm fracture with massive pyrite. Disseminated pyrite. Iron stain. |
| 18963 | Outlaw 1 | Grab | 0+65N | 12+65W | Hornfels. 1-5 mm pyrite in fracture fill. Hosted in light grey hornfelsed sediments. |
| 18964 | Outlaw 1 | Grab | 0+75N | 12+20W | Hornfels. Pyrite stockwork and blebs in silicified hornfels. |

# Quartz Vein Sample Plan



# Appendix C

# ROCK ANALYTICAL RESULTS

COMP: AZIMUTH GEOLOGICAL INC
PROJ: INLAW/OUTLAW P.O. GRIOL
ATTN: G.CROWE/J.BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0094-RJ1
DATE: 91/07/11
* ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | U PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-FIRE PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18659 | .1 | 2500 | 42 | 1 | 25 | .1 | 1 | 1760 | .1 | 2 | 12 | 5050 | 1080 | 2 | 630 | 95 | 5 | 40 | 11 | 80 | 12 | 2 | 1 | 1 | 1 | 3.3 | 12 | 1 | 1 | 12 | 325 | 1 |
| 18660 | .1 | 3020 | 549 | 1 | 39 | .5 | 1 | 1530 | .1 | 25 | 46 | 32760 | 1680 | 1 | 660 | 787 | 62 | 50 | 2 | 40 | 30 | 26 | 1 | 1 | 1 | 23.9 | 58 | 1 | 1 | 6 | 162 | 2 |
| 18661 | 3.5 | 3980 | 2698 | 1 | 1016 | .6 | 1 | 1270 | .1 | 10 | 233 | 31400 | 2580 | 2 | 360 | 395 | 74 | 50 | 4 | 30 | 257 | 142 | 14 | 1 | 1 | 15.9 | 84 | 1 | 1 | 4 | 114 | 179 |
| 18662 | .9 | 2810 | 41 | 1 | 445 | 1.1 | 1 | 106730 | .1 | 8 | 15 | 40730 | 1170 | 2 | 49960 | 1433 | 1 | 10 | 13 | 90 | 1 | 4 | 147 | 1 | 1 | 18.9 | 19 | 1 | 1 | 1 | 34 | 1 |
| 18663 | .1 | 2030 | 229 | 1 | 1420 | .1 | 2 | 2380 | .1 | 3 | 19 | 9000 | 1210 | 2 | 500 | 132 | 31 | 60 | 8 | 10 | 45 | 15 | 15 | 1 | 1 | 19.3 | 38 | 1 | 1 | 11 | 287 | 1 |
| 18664 | .1 | 6100 | 5380 | 1 | 549 | .6 | 1 | 3010 | .1 | 4 | 32 | 16430 | 2810 | 10 | 570 | 151 | 38 | 20 | 2 | 200 | 28 | 49 | 9 | 2 | 1 | 14.4 | 58 | 1 | 1 | 2 | 66 | 3 |
| 18703 | .1 | 13350 | 216 | 1 | 48 | .7 | 2 | 650 | .1 | 4 | 61 | 35030 | 1160 | 11 | 2460 | 37 | 1 | 220 | 1 | 410 | 3 | 1 | 3 | 1 | 1 | 26.8 | 10 | 1 | 1 | 7 | 171 | 1 |
| 18704 | .2 | 11740 | 152 | 1 | 40 | .6 | 1 | 1570 | .1 | 5 | 187 | 40790 | 1530 | 4 | 1770 | 49 | 3 | 390 | 1 | 260 | 1 | 2 | 4 | 1 | 1 | 24.6 | 12 | 1 | 1 | 8 | 215 | 2 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW
ATTN: G.CROWE/J.BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0145-RJ1+2
DATE: 91/07/22
* ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-FIRE PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18651 | 41.0 | 3110 | 3420 | 8 | 181 | .1 | 38 | 270 | .1 | 1 | 257 | 6410 | 1360 | 6 | 100 | 28 | 7 | 30 | 4 | 140 | 3487 | 1648 | 3 | 1 | 8 | 4.1 | 12 | 1 | 1 | 8 | 209 | 2390 |
| 18652 | .5 | 12690 | 4493 | 6 | 132 | 1.0 | 1 | 250 | .1 | 13 | 103 | 14860 | 2760 | 26 | 320 | 723 | 4 | 60 | 96 | 320 | 45 | 123 | 11 | 1 | 5 | 13.7 | 62 | 1 | 1 | 3 | 82 | 179 |
| 18653 | .6 | 10490 | 1129 | 5 | 114 | .8 | 1 | 10 | .1 | 4 | 44 | 18570 | 4140 | 9 | 430 | 101 | 1 | 90 | 3 | 190 | 40 | 212 | 31 | 1 | 5 | 12.8 | 46 | 1 | 1 | 2 | 65 | 85 |
| 18654 | 16.2 | 14990 | 1738 | 7 | 142 | .9 | 5 | 960 | .1 | 32 | 200 | 19250 | 3740 | 58 | 1890 | 473 | 8 | 100 | 85 | 450 | 1368 | 972 | 16 | 2 | 41 | 28.4 | 80 | 1 | 1 | 5 | 116 | 730 |
| 18655 | 4.7 | 9240 | 1642 | 7 | 51 | .1 | 3 | 10 | .1 | 10 | 124 | 94310 | 3090 | 11 | 950 | 497 | 1 | 60 | 1 | 220 | 59 | 62 | 3 | 1 | 22 | 14.1 | 400 | 1 | 1 | 2 | 50 | 1910 |
| 18656 | .4 | 17150 | 96 | 5 | 125 | .8 | 1 | 19460 | .1 | 4 | 15 | 13490 | 5630 | 19 | 1610 | 325 | 3 | 120 | 9 | 340 | 20 | 11 | 9 | 1 | 11 | 15.6 | 14 | 1 | 1 | 5 | 120 | 29 |
| 18657 | 54.3 | 7630 | 13036 | 4 | 64 | .4 | 19 | 1100 | .1 | 10 | 641 | 24830 | 4050 | 1 | 520 | 29 | 2 | 60 | 16 | 1010 | 7091 | 6243 | 6 | 4 | 11 | 14.0 | 150 | 1 | 1 | 1 | 35 | 2830 |
| 18658 | 6.4 | 6750 | 1629 | 2 | 61 | .2 | 2 | 10 | .1 | 1 | 42 | 10800 | 4860 | 1 | 420 | 17 | 4 | 60 | 1 | 170 | 855 | 764 | 11 | 1 | 11 | 5.7 | 14 | 1 | 1 | 3 | 91 | 302 |
| 18665 | .2 | 18220 | 364 | 7 | 53 | .6 | 1 | 2980 | .1 | 5 | 87 | 40320 | 1590 | 43 | 1790 | 40 | 2 | 510 | 1 | 450 | 53 | 137 | 19 | 1 | 64 | 17.0 | 10 | 1 | 1 | 5 | 118 | 8 |
| 18666 | .1 | 5200 | 3617 | 3 | 86 | .5 | 1 | 1130 | .1 | 5 | 11 | 24230 | 2360 | 9 | 460 | 574 | 58 | 30 | 2 | 110 | 34 | 30 | 9 | 2 | 7 | 53.3 | 82 | 1 | 1 | 4 | 90 | 56 |
| 18667 | .5 | 6250 | 2582 | 3 | 76 | .5 | 1 | 10 | .1 | 11 | 65 | 21480 | 4430 | 2 | 280 | 94 | 71 | 80 | 5 | 70 | 45 | 51 | 3 | 1 | 16 | 17.6 | 47 | 1 | 1 | 3 | 64 | 17 |
| 18668 | .1 | 3150 | 877 | 3 | 5047 | .3 | 1 | 10 | .1 | 10 | 25 | 30120 | 2140 | 1 | 360 | 954 | 85 | 40 | 9 | 20 | 89 | 33 | 101 | 1 | 10 | 47.1 | 168 | 1 | 1 | 5 | 115 | 52 |
| 18669 | .1 | 4200 | 1845 | 4 | 4456 | .4 | 1 | 2300 | .1 | 14 | 57 | 60470 | 2790 | 3 | 690 | 1962 | 61 | 70 | 7 | 10 | 146 | 62 | 63 | 1 | 17 | 63.4 | 393 | 1 | 1 | 2 | 41 | 34 |
| 18670 | .1 | 2540 | 971 | 2 | 4397 | .4 | 1 | 160 | .1 | 9 | 27 | 29300 | 1720 | 1 | 410 | 709 | 74 | 70 | 18 | 20 | 86 | 35 | 60 | 1 | 10 | 57.5 | 157 | 1 | 1 | 5 | 101 | 16 |
| 18671 | .1 | 2850 | 1007 | 3 | 1168 | .4 | 1 | 1030 | .1 | 13 | 33 | 54040 | 1420 | 1 | 350 | 1124 | 45 | 70 | 6 | 20 | 32 | 16 | 15 | 1 | 9 | 35.0 | 225 | 1 | 1 | 4 | 87 | 25 |
| 18672 | 6.1 | 5480 | 714 | 4 | 251 | .5 | 1 | 2120 | .1 | 13 | 373 | 25310 | 3290 | 1 | 310 | 597 | 60 | 100 | 9 | 420 | 53 | 306 | 8 | 1 | 18 | 25.0 | 143 | 1 | 1 | 3 | 65 | 79 |
| 18673 | .1 | 2490 | 2311 | 3 | 1349 | .4 | 1 | 490 | .1 | 11 | 70 | 51040 | 1390 | 1 | 510 | 882 | 51 | 30 | 4 | 20 | 62 | 45 | 16 | 1 | 8 | 55.1 | 158 | 1 | 1 | 6 | 146 | 42 |
| 18674 | .1 | 3540 | 1113 | 2 | 94 | .3 | 1 | 100 | .1 | 8 | 27 | 21490 | 2210 | 1 | 220 | 678 | 33 | 50 | 6 | 30 | 32 | 22 | 4 | 1 | 13 | 13.1 | 269 | 1 | 1 | 5 | 123 | 5 |
| 18675 | .2 | 5020 | 1602 | 3 | 112 | .5 | 1 | 240 | .1 | 11 | 40 | 23760 | 3310 | 2 | 220 | 496 | 23 | 110 | 11 | 50 | 27 | 20 | 7 | 1 | 18 | 14.7 | 98 | 1 | 1 | 3 | 61 | 23 |
| 18676 | 1.4 | 4660 | 1520 | 5 | 131 | .7 | 1 | 16030 | .1 | 13 | 77 | 57950 | 2970 | 1 | 5170 | 1473 | 23 | 80 | 1 | 40 | 27 | 29 | 9 | 1 | 20 | 37.0 | 169 | 1 | 1 | 4 | 75 | 36 |
| 18677 | .1 | 5320 | 8955 | 7 | 205 | .5 | 1 | 5470 | .1 | 17 | 36 | 58830 | 3280 | 2 | 890 | 1135 | 171 | 70 | 13 | 80 | 99 | 87 | 12 | 1 | 18 | 87.3 | 306 | 1 | 1 | 5 | 91 | 152 |
| 18678 | .6 | 5710 | 2649 | 2 | 305 | .5 | 1 | 4720 | .1 | 5 | 16 | 12720 | 3930 | 1 | 590 | 184 | 6 | 90 | 4 | 60 | 9 | 20 | 11 | 1 | 16 | 8.4 | 35 | 1 | 1 | 3 | 73 | 65 |
| 18679 | .2 | 18420 | 313 | 4 | 108 | 1.0 | 2 | 4180 | .1 | 12 | 16 | 26090 | 3370 | 18 | 2610 | 440 | 18 | 470 | 24 | 170 | 14 | 8 | 29 | 1 | 173 | 30.2 | 43 | 1 | 2 | 3 | 72 | 13 |
| 18680 | .5 | 28080 | 359 | 7 | 93 | 1.2 | 3 | 8780 | .1 | 17 | 26 | 30380 | 2880 | 28 | 3780 | 407 | 20 | 1430 | 54 | 250 | 18 | 12 | 60 | 2 | 368 | 35.0 | 56 | 1 | 1 | 3 | 75 | 28 |
| 18681 | .1 | 6280 | 217 | 2 | 70 | .3 | 1 | 470 | .1 | 13 | 17 | 19990 | 2530 | 3 | 360 | 525 | 12 | 170 | 13 | 90 | 8 | 11 | 8 | 1 | 186 | 16.4 | 41 | 1 | 1 | 3 | 79 | 16 |
| 18682 | .8 | 4630 | 2464 | 3 | 140 | .4 | 1 | 10 | .1 | 8 | 50 | 27970 | 2880 | 2 | 260 | 448 | 111 | 80 | 5 | 20 | 110 | 64 | 5 | 1 | 17 | 16.4 | 45 | 1 | 1 | 3 | 72 | 202 |
| 18683 | .1 | 4450 | 981 | 1 | 211 | .6 | 1 | 370 | .1 | 9 | 32 | 26430 | 2720 | 1 | 230 | 558 | 8 | 160 | 6 | 20 | 7 | 15 | 7 | 1 | 15 | 15.6 | 35 | 1 | 1 | 2 | 39 | 19 |
| 18684 | .1 | 5880 | 187 | 1 | 70 | .5 | 1 | 130 | .1 | 14 | 73 | 30250 | 3790 | 5 | 220 | 594 | 20 | 80 | 5 | 40 | 12 | 18 | 4 | 1 | 18 | 18.4 | 43 | 1 | 1 | 2 | 50 | 40 |
| 18685 | .1 | 14790 | 1057 | 3 | 92 | .4 | 2 | 3530 | .1 | 5 | 27 | 22310 | 2650 | 17 | 970 | 183 | 8 | 290 | 2 | 330 | 5 | 12 | 23 | 1 | 128 | 19.0 | 32 | 1 | 1 | 3 | 65 | 42 |
| 18686 | .1 | 3370 | 935 | 1 | 80 | .5 | 1 | 190 | .1 | 14 | 35 | 33190 | 2430 | 1 | 210 | 557 | 72 | 50 | 12 | 20 | 37 | 23 | 4 | 1 | 8 | 12.7 | 123 | 1 | 1 | 2 | 52 | 48 |
| 18687 | .2 | 4430 | 967 | 6 | 129 | .3 | 1 | 420 | .1 | 12 | 12 | 7750 | 3060 | 3 | 230 | 100 | 34 | 90 | 6 | 20 | 12 | 12 | 7 | 1 | 15 | 9.6 | 37 | 1 | 1 | 4 | 94 | 11 |
| 18688 | .1 | 4340 | 1031 | 5 | 261 | .2 | 1 | 390 | .1 | 9 | 36 | 27650 | 2610 | 1 | 390 | 485 | 21 | 80 | 7 | 10 | 22 | 16 | 6 | 1 | 19 | 15.2 | 167 | 1 | 1 | 8 | 195 | 6 |
| 18689 | .3 | 5050 | 3625 | 5 | 94 | .2 | 1 | 5440 | .1 | 11 | 35 | 23940 | 2860 | 2 | 1100 | 606 | 13 | 120 | 9 | 80 | 20 | 32 | 10 | 1 | 28 | 13.8 | 82 | 1 | 1 | 5 | 108 | 65 |
| 18690 | .1 | 7140 | 947 | 4 | 79 | .3 | 1 | 230 | .1 | 9 | 31 | 14970 | 4040 | 3 | 360 | 312 | 13 | 140 | 12 | 40 | 11 | 14 | 5 | 1 | 27 | 12.8 | 88 | 1 | 1 | 5 | 123 | 9 |
| 18691 | .6 | 4970 | 804 | 3 | 86 | .3 | 1 | 14570 | .1 | 7 | 29 | 16770 | 3430 | 1 | 3180 | 670 | 9 | 90 | 6 | 50 | 54 | 17 | 8 | 3 | 14 | 11.9 | 83 | 2 | 1 | 4 | 88 | 18 |
| 18692 | .1 | 6170 | 1104 | 4 | 135 | .3 | 1 | 340 | .1 | 8 | 77 | 26730 | 3460 | 3 | 270 | 279 | 73 | 80 | 7 | 40 | 75 | 35 | 6 | 1 | 19 | 58.9 | 65 | 1 | 1 | 8 | 189 | 22 |
| 18693 | .1 | 6980 | 526 | 4 | 681 | .4 | 1 | 880 | .1 | 18 | 37 | 34750 | 3890 | 3 | 580 | 823 | 13 | 130 | 14 | 60 | 13 | 12 | 9 | 1 | 34 | 16.8 | 117 | 1 | 1 | 4 | 91 | 2 |
| 18694 | .1 | 4880 | 367 | 2 | 190 | .2 | 1 | 560 | .1 | 8 | 12 | 21110 | 2380 | 3 | 320 | 464 | 10 | 150 | 11 | 20 | 9 | 4 | 6 | 1 | 19 | 25.7 | 99 | 1 | 1 | 6 | 140 | 1 |
| 18695 | .1 | 3650 | 648 | 3 | 2053 | .1 | 1 | 560 | .1 | 10 | 30 | 34670 | 2180 | 1 | 650 | 1249 | 37 | 110 | 10 | 20 | 36 | 18 | 23 | 1 | 15 | 43.6 | 308 | 1 | 1 | 7 | 152 | 19 |
| 18696 | .1 | 4380 | 674 | 4 | 2535 | .1 | 1 | 310 | .1 | 8 | 46 | 27620 | 2700 | 1 | 640 | 1027 | 38 | 140 | 10 | 20 | 61 | 29 | 28 | 1 | 18 | 44.4 | 235 | 1 | 1 | 8 | 177 | 20 |
| 18697 | .3 | 5100 | 510 | 2 | 2228 | .2 | 1 | 260 | .1 | 12 | 36 | 21050 | 2980 | 2 | 400 | 453 | 32 | 90 | 11 | 60 | 48 | 19 | 26 | 1 | 21 | 13.2 | 97 | 1 | 1 | 4 | 85 | 4 |
| 18698 | .1 | 5160 | 779 | 2 | 1528 | .3 | 1 | 240 | .1 | 6 | 38 | 25360 | 3250 | 4 | 570 | 483 | 10 | 80 | 4 | 40 | 17 | 13 | 15 | 1 | 16 | 17.1 | 72 | 1 | 1 | 7 | 168 | 1 |
| 18699 | .1 | 4980 | 4864 | 3 | 368 | .3 | 1 | 50 | .1 | 5 | 15 | 17220 | 2910 | 3 | 570 | 194 | 57 | 30 | 2 | 80 | 57 | 35 | 6 | 4 | 11 | 19.5 | 54 | 1 | 1 | 4 | 89 | 17 |
| 18701 | 33.3 | 2030 | 789 | 1 | 2670 | .1 | 234 | 10 | .4 | 2 | 90 | 5290 | 1310 | 1 | 140 | 31 | 9 | 20 | 9 | 220 | 3605 | 2396 | 46 | 1 | 8 | 2.9 | 46 | 1 | 1 | 13 | 336 | 15800 |
| 18702 | 26.3 | 2680 | 931 | 1 | 111 | .1 | 110 | 100 | .1 | 2 | 73 | 9560 | 1930 | 1 | 120 | 14 | 3 | 20 | 4 | 250 | 1068 | 591 | 4 | 1 | 5 | 2.0 | 56 | 1 | 1 | 5 | 139 | 20000 |
| 18951 | 48.1 | 440 | 2024 | 19 | 10 | .1 | 1 | 26800 | 856.8 | 27 | 91 | 278390 | 80 | 1 | 800 | 1202 | 2 | 10 | 1 | 10 | 29 | 1 | 4 | 1 | 20 | .1 | 56292 | 1 | 1 | 1 | 8 | 3000 |
| 18952 | 20.0 | 6800 | 9 | 15 | 26 | .1 | 1 | 8600 | .1 | 25 | 66 | 296680 | 230 | 5 | 890 | 331 | 1 | 410 | 1 | 200 | 401 | 1 | 37 | 1 | 212 | 2.7 | 1884 | 1 | 1 | 1 | 1 | 280 |
| 18953 | 69.7 | 4280 | 1 | 36 | 6 | .1 | 3 | 5260 | 1925.5 | 32 | 160 | 287770 | 30 | 10 | 720 | 3230 | 1 | 270 | 1 | 80 | 609 | 1 | 7 | 1 | 40 | .1 | 164000 | 1 | 1 | 1 | 8 | 374 |
| 18954 | 46.1 | 5990 | 59 | 49 | 125 | .1 | 8 | 23310 | 75.6 | 6 | 205 | 31340 | 550 | 7 | 2940 | 517 | 238 | 130 | 15 | 460 | 8027 | 14 | 19 | 1 | 371 | 18.9 | 4904 | 1 | 1 | 1 | 52 | 1020 |
| 18955 | 1.2 | 19130 | 1989 | 6 | 27 | .1 | 1 | 2230 | 2.2 | 18 | 349 | 112950 | 550 | 18 | 5360 | 194 | 2 | 270 | 1 | 720 | 95 | 35 | 5 | 1 | 227 | 41.2 | 1307 | 1 | 1 | 6 | 167 | 256 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW PO GRIOL
ATTN:' G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0188-RJ1
DATE: 91/07/26
* ROCKS * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-FIRE PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18705 | 5.0 | 15010 | 876 | 13 | 15 | .1 | 1 | 820 | 2.1 | 25 | 265 | 151940 | 1100 | 49 | 3730 | 426 | 1 | 20 | 1 | 130 | 105 | 71 | 1 | 1 | 87 | 12.3 | 616 | 1 | 1 | 1 | 1 | 3900 |
| 18706 | 8.4 | 26190 | 112 | 10 | 29 | .5 | 3 | 1960 | 61.1 | 7 | 126 | 39080 | 1960 | 48 | 7300 | 396 | 1 | 90 | 1 | 230 | 3206 | 14 | 6 | 1 | 156 | 19.5 | 3322 | 2 | 1 | 1 | 58 | 658 |
| 18707 | 4.4 | 26970 | 167 | 11 | 39 | .6 | 5 | 3910 | 35.3 | 18 | 424 | 76980 | 2440 | 40 | 6220 | 436 | 1 | 120 | 1 | 480 | 524 | 26 | 8 | 1 | 305 | 14.1 | 2293 | 1 | 1 | 2 | 70 | 375 |
| 18708 | 4.0 | 29400 | 526 | 12 | 35 | .1 | 1 | 1720 | 113.3 | 25 | 625 | 114130 | 2640 | 57 | 10980 | 762 | 1 | 50 | 1 | 410 | 215 | 38 | 3 | 1 | 183 | 29.3 | 5407 | 1 | 1 | 1 | 1 | 392 |
| 18709 | 4.1 | 16620 | 190 | 7 | 21 | .1 | 2 | 250 | .2 | 19 | 344 | 98690 | 2810 | 27 | 3510 | 787 | 1 | 40 | 1 | 80 | 62 | 36 | 1 | 1 | 23 | 12.1 | 634 | 1 | 1 | 1 | 5 | 760 |

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: INLAW/OUTLAW GRIOL
ATTN: GREG CROWE/JERRY BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0258-RJ1+2
DATE: 91/08/06
* ROCK * (ACT:F31) PAGE 1 OF 2

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02-0-18101 | 1.3 | 16760 | 1799 | 13 | 39 | .7 | 4 | 1920 | .1 | 12 | 140 | 30980 | 1480 | 26 | 2900 | 39 | 6 | 80 | 30 | 330 | 73 | 36 | 6 | 1 | 38 | 18.0 | 42 | 3 | 1 | 3 | 85 |
| 02-0-18102 | 3.5 | 15050 | 16 | 16 | 30 | .1 | 1 | 4540 | .1 | 51 | 717 | 223800 | 490 | 20 | 5190 | 1779 | 1 | 70 | 1 | 1350 | 8 | 1 | 7 | 1 | 69 | 25.4 | 69 | 1 | 1 | 1 | 55 |
| 02-0-18103 | .1 | 17300 | 84 | 14 | 2 | .1 | 1 | 3050 | .1 | 46 | 74 | 229180 | 190 | 16 | 6310 | 837 | 1 | 30 | 1 | 1040 | 1 | 1 | 7 | 1 | 49 | 24.7 | 163 | 1 | 1 | 1 | 72 |
| 02-0-18104 | 1.2 | 10340 | 218 | 7 | 92 | .7 | 1 | 2480 | .1 | 9 | 35 | 30600 | 4290 | 3 | 2130 | 304 | 1 | 90 | 13 | 400 | 114 | 8 | 7 | 1 | 33 | 12.5 | 102 | 2 | 1 | 4 | 101 |
| 02-0-18105 | 16.7 | 17790 | 4272 | 11 | 17 | .3 | 29 | 660 | .1 | 18 | 596 | 156460 | 2360 | 15 | 9380 | 451 | 1 | 50 | 71 | 370 | 1786 | 108 | 19 | 1 | 19 | 80.4 | 154 | 1 | 1 | 5 | 151 |
| 02-0-18106 | 2.2 | 5550 | 313 | 10 | 95 | .4 | 2 | 2290 | .1 | 2 | 22 | 8400 | 2790 | 1 | 690 | 38 | 1 | 110 | 4 | 100 | 60 | 19 | 10 | 1 | 44 | 7.7 | 65 | 2 | 1 | 4 | 107 |
| 02-0-18107 | 5.5 | 47230 | 1786 | 13 | 241 | .9 | 10 | 22210 | .1 | 17 | 72 | 34490 | 4310 | 19 | 17730 | 522 | 1 | 600 | 130 | 950 | 722 | 1 | 64 | 1 | 1274 | 104.6 | 299 | 5 | 1 | 6 | 134 |
| 02-0-18108 | .1 | 11290 | 130 | 13 | 190 | .1 | 1 | 1060 | .1 | 22 | 614 | 229780 | 1540 | 2 | 2360 | 1 | 1 | 130 | 1 | 620 | 9 | 1 | 12 | 1 | 362 | 100.4 | 320 | 1 | 1 | 1 | 97 |
| 02-0-18109 | .8 | 4110 | 171 | 2 | 3682 | .3 | 1 | 1740 | .1 | 3 | 17 | 8600 | 860 | 38 | 310 | 40 | 27 | 50 | 3 | 60 | 33 | 6 | 43 | 1 | 7 | 3.9 | 41 | 2 | 1 | 5 | 131 |
| 02-0-18110 | .4 | 7890 | 83 | 4 | 57 | 1.0 | 1 | 630 | .4 | 5 | 26 | 16920 | 2340 | 6 | 410 | 263 | 48 | 70 | 27 | 40 | 69 | 10 | 4 | 2 | 9 | 6.3 | 229 | 2 | 1 | 5 | 122 |
| 02-0-18111 | 8.4 | 8620 | 257 | 10 | 80 | .1 | 1 | 4350 | .1 | 18 | 551 | 210620 | 470 | 1 | 2050 | 1 | 1 | 20 | 1 | 750 | 125 | 23 | 11 | 1 | 91 | 62.2 | 139 | 1 | 1 | 1 | 57 |
| 02-0-18112 | 5.6 | 16450 | 88 | 12 | 20 | .1 | 1 | 1460 | .1 | 142 | 424 | 211010 | 1270 | 7 | 7680 | 402 | 1 | 20 | 1 | 400 | 70 | 1 | 6 | 1 | 174 | 46.1 | 64 | 1 | 1 | 1 | 88 |
| 02-0-18115 | .1 | 19710 | 41 | 3 | 54 | .8 | 1 | 2300 | .1 | 9 | 30 | 34790 | 660 | 14 | 3130 | 438 | 1 | 380 | 7 | 250 | 4 | 1 | 8 | 1 | 21 | 19.0 | 43 | 4 | 1 | 1 | 12 |
| 02-0-18116 | .1 | 18060 | 92 | 3 | 18 | .7 | 2 | 850 | .1 | 11 | 27 | 39620 | 230 | 12 | 7370 | 609 | 1 | 180 | 5 | 220 | 12 | 6 | 4 | 1 | 16 | 29.5 | 260 | 4 | 1 | 5 | 118 |
| 02-0-18117 | 1.0 | 4530 | 419 | 4 | 83 | .7 | 2 | 62270 | .1 | 7 | 43 | 34590 | 1640 | 3 | 6900 | 1114 | 1 | 260 | 3 | 80 | 82 | 28 | 20 | 1 | 22 | 12.8 | 80 | 4 | 1 | 2 | 34 |
| 02-0-18118 | .2 | 14790 | 213 | 6 | 20 | .9 | 1 | 3510 | .1 | 17 | 124 | 99860 | 190 | 6 | 3450 | 297 | 1 | 170 | 1 | 990 | 96 | 7 | 9 | 1 | 72 | 46.3 | 462 | 2 | 1 | 3 | 74 |
| 02-0-18119 | .4 | 13930 | 641 | 6 | 12 | .5 | 2 | 5300 | .1 | 11 | 39 | 101320 | 120 | 9 | 9200 | 1257 | 1 | 70 | 1 | 3260 | 50 | 41 | 14 | 1 | 38 | 94.6 | 142 | 2 | 1 | 4 | 95 |
| 02-0-18120 | .3 | 16920 | 35 | 2 | 131 | .9 | 1 | 1630 | .1 | 6 | 33 | 12480 | 950 | 36 | 1150 | 132 | 2 | 570 | 21 | 90 | 1 | 1 | 10 | 1 | 13 | 18.2 | 57 | 4 | 1 | 1 | 23 |
| 02-0-18121 | .1 | 16640 | 583 | 5 | 22 | .7 | 3 | 2920 | .1 | 9 | 72 | 74060 | 240 | 17 | 6800 | 790 | 9 | 90 | 1 | 1240 | 152 | 19 | 21 | 1 | 74 | 76.1 | 152 | 3 | 1 | 5 | 116 |
| 02-0-18122 | .2 | 22490 | 32 | 4 | 75 | .9 | 2 | 1010 | .1 | 8 | 60 | 52800 | 1950 | 19 | 10740 | 465 | 2 | 450 | 1 | 1000 | 20 | 1 | 16 | 1 | 15 | 52.9 | 70 | 5 | 1 | 2 | 47 |
| 02-0-18123 | .1 | 7360 | 1156 | 6 | 128 | 1.0 | 1 | 1230 | .1 | 22 | 74 | 76460 | 1360 | 5 | 470 | 608 | 79 | 280 | 8 | 30 | 46 | 48 | 10 | 1 | 11 | 26.8 | 174 | 1 | 1 | 3 | 72 |
| 02-0-18124 | .1 | 23680 | 37 | 2 | 59 | .9 | 2 | 920 | .1 | 14 | 21 | 37060 | 1570 | 22 | 7960 | 323 | 1 | 480 | 51 | 120 | 11 | 7 | 9 | 1 | 24 | 30.7 | 135 | 5 | 1 | 2 | 35 |
| 02-0-18125 | .1 | 26940 | 414 | 3 | 91 | .8 | 3 | 1340 | .1 | 12 | 63 | 49170 | 610 | 19 | 12020 | 665 | 1 | 410 | 11 | 290 | 26 | 3 | 11 | 1 | 21 | 44.9 | 153 | 5 | 1 | 4 | 92 |
| 02-0-18126 | 2.6 | 27160 | 45 | 7 | 141 | .1 | 15 | 66420 | .1 | 20 | 115 | 53420 | 3380 | 34 | 19180 | 1033 | 1 | 190 | 1 | 800 | 7 | 4 | 33 | 1 | 2789 | 174.7 | 51 | 6 | 2 | 6 | 71 |
| 02-0-18127 | .6 | 11650 | 210 | 3 | 97 | .7 | 1 | 2790 | .1 | 3 | 21 | 13710 | 3700 | 5 | 4080 | 468 | 4 | 80 | 9 | 260 | 56 | 7 | 7 | 1 | 42 | 14.3 | 274 | 3 | 1 | 6 | 141 |
| 02-0-18128 | .5 | 24010 | 40 | 5 | 137 | .9 | 2 | 780 | .1 | 11 | 36 | 25320 | 3250 | 23 | 7430 | 248 | 3 | 370 | 31 | 90 | 21 | 1 | 13 | 1 | 407 | 45.3 | 165 | 4 | 1 | 3 | 63 |
| 02-0-18129 | .1 | 24450 | 65 | 2 | 85 | .6 | 2 | 1880 | .1 | 6 | 48 | 37810 | 1860 | 19 | 7240 | 608 | 1 | 490 | 16 | 110 | 22 | 1 | 10 | 1 | 21 | 39.6 | 59 | 5 | 1 | 2 | 32 |
| 02-0-18130 | 1.8 | 14930 | 15 | 4 | 139 | .2 | 12 | 14390 | .1 | 21 | 30 | 41160 | 2670 | 11 | 13790 | 466 | 1 | 1410 | 1 | 1840 | 5 | 1 | 48 | 1 | 2917 | 103.7 | 74 | 3 | 2 | 5 | 71 |
| 02-0-18131 | 1.0 | 13290 | 69 | 2 | 33 | .7 | 5 | 22690 | .1 | 18 | 27 | 35000 | 510 | 10 | 11100 | 618 | 2 | 1070 | 7 | 1660 | 11 | 1 | 49 | 1 | 831 | 85.0 | 60 | 4 | 1 | 4 | 70 |
| 02-0-18132 | .4 | 6090 | 70 | 2 | 29 | .7 | 2 | 1670 | .3 | 2 | 6 | 3680 | 2270 | 7 | 370 | 96 | 3 | 60 | 12 | 30 | 22 | 2 | 6 | 4 | 12 | 2.3 | 78 | 3 | 1 | 4 | 107 |
| 02-0-18133 | .8 | 9820 | 455 | 10 | 220 | .9 | 1 | 150 | .1 | 5 | 30 | 40360 | 3880 | 21 | 830 | 106 | 5 | 90 | 1 | 50 | 21 | 36 | 6 | 1 | 85 | 13.4 | 70 | 1 | 1 | 3 | 72 |
| 02-0-18134 | 1.1 | 3200 | 560 | 6 | 110 | .8 | 3 | 67430 | .1 | 209 | 79 | 55180 | 330 | 6 | 24580 | 1589 | 1 | 30 | 15 | 330 | 29 | 34 | 65 | 1 | 15 | 196.8 | 52 | 1 | 1 | 5 | 61 |
| 02-0-18135 | 1.6 | 11000 | 320 | 6 | 168 | .9 | 1 | 60820 | 3.6 | 29 | 95 | 66840 | 3320 | 10 | 11250 | 1973 | 1 | 160 | 12 | 830 | 229 | 13 | 45 | 1 | 29 | 157.1 | 701 | 2 | 1 | 5 | 73 |
| 02-0-18136 | .2 | 18600 | 36 | 2 | 99 | .7 | 2 | 2840 | .1 | 6 | 23 | 23680 | 1910 | 15 | 5960 | 424 | 1 | 560 | 7 | 150 | 52 | 1 | 13 | 1 | 41 | 29.5 | 95 | 3 | 1 | 3 | 69 |
| 02-0-18137 | .1 | 14540 | 106 | 2 | 39 | .6 | 2 | 780 | .1 | 7 | 26 | 26980 | 1020 | 15 | 2230 | 250 | 2 | 420 | 1 | 80 | 11 | 1 | 7 | 1 | 17 | 16.8 | 82 | 2 | 1 | 2 | 48 |
| 02-0-18138 | .7 | 28260 | 22 | 4 | 121 | 1.0 | 7 | 1840 | .1 | 19 | 77 | 32240 | 1270 | 31 | 4190 | 433 | 1 | 410 | 39 | 160 | 4 | 1 | 24 | 1 | 1348 | 22.1 | 88 | 2 | 1 | 4 | 97 |
| 02-0-18139 | .5 | 24190 | 15 | 5 | 84 | .7 | 6 | 1010 | .1 | 18 | 63 | 34600 | 1510 | 32 | 2910 | 513 | 3 | 260 | 24 | 190 | 8 | 1 | 14 | 1 | 1191 | 25.3 | 113 | 2 | 1 | 4 | 88 |
| 02-0-18140 | .7 | 17910 | 18 | 5 | 158 | .5 | 7 | 1060 | .1 | 16 | 57 | 28120 | 2310 | 24 | 2860 | 328 | 1 | 370 | 33 | 70 | 9 | 1 | 26 | 1 | 1419 | 23.3 | 76 | 2 | 1 | 2 | 51 |
| 02-0-18156 | .1 | 20060 | 11 | 1 | 61 | .6 | 1 | 2320 | .1 | 10 | 32 | 33410 | 430 | 18 | 8250 | 491 | 2 | 510 | 1 | 140 | 9 | 1 | 10 | 1 | 41 | 17.4 | 79 | 3 | 1 | 2 | 41 |
| 02-0-18157 | 1.9 | 17250 | 11 | 2 | 128 | .4 | 12 | 13730 | .1 | 22 | 37 | 44560 | 2810 | 16 | 17580 | 562 | 1 | 1630 | 1 | 1860 | 10 | 1 | 48 | 1 | 2845 | 108.6 | 85 | 2 | 2 | 4 | 67 |
| 02-0-18158 | .3 | 13330 | 144 | 2 | 61 | .7 | 1 | 360 | .1 | 73 | 31 | 41630 | 3170 | 13 | 4810 | 464 | 5 | 370 | 41 | 80 | 15 | 3 | 5 | 1 | 33 | 20.7 | 35 | 3 | 1 | 1 | 31 |
| 02-0-18159 | 1.1 | 3600 | 494 | 2 | 110 | .4 | 1 | 26000 | .9 | 5 | 78 | 19330 | 1820 | 1 | 10280 | 918 | 20 | 50 | 4 | 100 | 247 | 48 | 10 | 1 | 22 | 9.1 | 638 | 3 | 1 | 5 | 106 |
| 02-0-18160 | 41.1 | 14390 | 1407 | 8 | 115 | .8 | 3 | 6250 | 283.4 | 13 | 213 | 31300 | 7120 | 9 | 3480 | 1204 | 15 | 100 | 36 | 200 | 11039 | 85 | 8 | 1 | 76 | 25.7 | 16733 | 1 | 1 | 1 | 45 |
| 02-0-18161 | 33.5 | 15320 | 474 | 5 | 91 | 1.2 | 4 | 13890 | 105.1 | 12 | 225 | 42540 | 3860 | 36 | 7670 | 1882 | 3 | 160 | 45 | 430 | 3346 | 238 | 23 | 1 | 209 | 49.9 | 6341 | 2 | 1 | 2 | 48 |
| 02-0-18162 | 1.5 | 19100 | 31 | 1 | 189 | .9 | 5 | 17720 | .1 | 18 | 38 | 38760 | 2200 | 24 | 18360 | 807 | 4 | 2340 | 9 | 1690 | 128 | 1 | 82 | 3 | 796 | 85.8 | 250 | 2 | 1 | 5 | 121 |
| 02-0-18163 | 205.4 | 19200 | 6875 | 19 | 32 | .5 | 2 | 1110 | 1564.8 | 45 | 1541 | 141410 | 1810 | 39 | 6190 | 2483 | 5 | 30 | 26 | 410 | 46811 | 312 | 15 | 1 | 135 | 46.9 | 101500 | 1 | 3 | 1 | 39 |
| 02-0-18164 | 17.4 | 39780 | 384 | 8 | 120 | 1.3 | 5 | 2530 | 108.5 | 12 | 377 | 58760 | 7400 | 161 | 9530 | 1186 | 1 | 270 | 12 | 320 | 4310 | 48 | 12 | 1 | 1361 | 59.6 | 7182 | 2 | 1 | 2 | 60 |
| 02-0-18165 | 6.3 | 19070 | 4970 | 5 | 43 | .7 | 6 | 78240 | 108.1 | 13 | 138 | 60980 | 660 | 30 | 27720 | 2945 | 1 | 60 | 1 | 270 | 891 | 8 | 73 | 1 | 203 | 78.7 | 6898 | 1 | 1 | 2 | 38 |
| 02-0-18200 | .9 | 16350 | 356 | 1 | 36 | .9 | 1 | 3400 | .1 | 14 | 235 | 33990 | 1660 | 10 | 3990 | 106 | 5 | 270 | 8 | 330 | 88 | 1 | 9 | 1 | 51 | 25.0 | 235 | 2 | 1 | 5 | 136 |
| 02-0-18201 | .9 | 32940 | 129 | 5 | 172 | 2.0 | 2 | 9670 | .1 | 7 | 53 | 18430 | 2720 | 37 | 5430 | 122 | 1 | 1790 | 69 | 250 | 76 | 1 | 36 | 3 | 33 | 24.3 | 224 | 5 | 1 | 3 | 72 |
| 02-0-18202 | .5 | 31880 | 147 | 5 | 122 | 1.4 | 4 | 4850 | .1 | 15 | 50 | 32010 | 2400 | 62 | 7590 | 226 | 2 | 370 | 71 | 310 | 37 | 1 | 23 | 2 | 423 | 44.7 | 103 | 4 | 1 | 4 | 96 |
| 02-0-18203 | .3 | 22840 | 112 | 2 | 125 | 1.2 | 2 | 2940 | .1 | 12 | 60 | 26520 | 2420 | 58 | 4230 | 132 | 1 | 140 | 38 | 190 | 38 | 1 | 20 | 3 | 45 | 29.6 | 84 | 4 | 1 | 2 | 54 |
| 02-0-18204 | .3 | 17860 | 86 | 1 | 73 | .6 | 1 | 1480 | .1 | 5 | 41 | 29930 | 2490 | 23 | 6650 | 221 | 7 | 330 | 7 | 230 | 27 | 1 | 9 | 1 | 57 | 23.8 | 53 | 4 | 1 | 8 | 193 |
| 02-0-18205 | .7 | 21050 | 147 | 2 | 81 | 1.1 | 2 | 4800 | .1 | 7 | 33 | 14700 | 1570 | 35 | 4590 | 64 | 1 | 650 | 27 | 460 | 24 | 1 | 18 | 1 | 50 | 23.8 | 63 | 4 | 1 | 3 | 72 |
| 02-0-18206 | 1.7 | 29460 | 43 | 5 | 67 | .1 | 11 | 53080 | .1 | 21 | 15 | 48520 | 2470 | 22 | 14290 | 1120 | 1 | 1600 | 3 | 440 | 29 | 1 | 63 | 1 | 2488 | 145.0 | 77 | 3 | 1 | 5 | 79 |
| 02-0-18207 | 2.1 | 32100 | 98 | 10 | 51 | .1 | 14 | 34740 | .1 | 29 | 20 | 50650 | 1630 | 53 | 23500 | 1031 | 1 | 1620 | 22 | 570 | 12 | 1 | 27 | 1 | 3396 | 204.9 | 77 | 1 | 2 | 8 | 151 |
| 02-0-18208 | 2.4 | 16160 | 227 | 2 | 102 | .1 | 8 | 19870 | .1 | 20 | 361 | 56990 | 1930 | 13 | 9660 | 505 | 1 | 50 | 1 | 610 | 23 | 13 | 7 | 1 | 2034 | 188.1 | 92 | 2 | 1 | 6 | 90 |
| 02-0-18209 | 2.0 | 17850 | 50 | 1 | 55 | .1 | 10 | 47130 | .1 | 17 | 152 | 45470 | 4440 | 15 | 19510 | 478 | 1 | 90 | 15 | 520 | 10 | 1 | 19 | 1 | 2588 | 155.2 | 43 | 3 | 2 | 5 | 66 |
| 02-0-18210 | 1.1 | 11730 | 83 | 1 | 95 | .8 | 1 | 2900 | .1 | 21 | 577 | 58020 | 1850 | 15 | 5410 | 203 | 1 | 50 | 2 | 930 | 21 | 12 | 8 | 1 | 175 | 135.1 | 55 | 3 | 1 | 6 | 103 |
| 02-0-18211 | 2.0 | 26030 | 116 | 4 | 62 | .1 | 9 | 71300 | .1 | 27 | 63 | 38270 | 5800 | 24 | 19430 | 763 | 1 | 370 | 13 | 770 | 11 | 8 | 43 | 1 | 1722 | 135.3 | 72 | 5 | 1 | 4 | 80 |

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: INLAW/OUTLAW GRIOL
ATTN: GREG CROWE/JERRY BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0258-RJ1+2
DATE: 91/08/06
* ROCK * (ACT:F31) PAGE 2 OF 2

| SAMPLE NUMBER | AU-FIRE PPB |
|---|---|
| 02-0-18101 | 392 |
| 02-0-18102 | 94 |
| 02-0-18103 | 64 |
| 02-0-18104 | 58 |
| 02-0-18105 | 1990 |
| 02-0-18106 | 110 |
| 02-0-18107 | 86 |
| 02-0-18108 | 1090 |
| 02-0-18109 | 28 |
| 02-0-18110 | 17 |
| 02-0-18111 | 4160 |
| 02-0-18112 | 232 |
| 02-0-18115 | 23 |
| 02-0-18116 | 2 |
| 02-0-18117 | 54 |
| 02-0-18118 | 51 |
| 02-0-18119 | 16 |
| 02-0-18120 | 5 |
| 02-0-18121 | 57 |
| 02-0-18122 | 2 |
| 02-0-18123 | 64 |
| 02-0-18124 | 3 |
| 02-0-18125 | 9 |
| 02-0-18126 | 47 |
| 02-0-18127 | 11 |
| 02-0-18128 | 1 |
| 02-0-18129 | 5 |
| 02-0-18130 | 13 |
| 02-0-18131 | 9 |
| 02-0-18132 | 4 |
| 02-0-18133 | 64 |
| 02-0-18134 | 52 |
| 02-0-18135 | 86 |
| 02-0-18136 | 17 |
| 02-0-18137 | 4 |
| 02-0-18138 | 2 |
| 02-0-18139 | 3 |
| 02-0-18140 | 141 |
| 02-0-18156 | 1 |
| 02-0-18157 | 3 |
| 02-0-18158 | 2 |
| 02-0-18159 | 39 |
| 02-0-18160 | 158 |
| 02-0-18161 | 832 |
| 02-0-18162 | 29 |
| 02-0-18163 | 4950 |
| 02-0-18164 | 36 |
| 02-0-18165 | 505 |
| 02-0-18200 | 49 |
| 02-0-18201 | 16 |
| 02-0-18202 | 27 |
| 02-0-18203 | 132 |
| 02-0-18204 | 104 |
| 02-0-18205 | 36 |
| 02-0-18206 | 41 |
| 02-0-18207 | 2 |
| 02-0-18208 | 208 |
| 02-0-18209 | 96 |
| 02-0-18210 | 442 |
| 02-0-18211 | 57 |

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: INLAW/OUTLAW GRIOL
ATTN: GREG CROWE/JERRY BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0258-RJ3+4
DATE: 91/08/06
* ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-FIRE PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02-0-18212 | 2.7 | 3950 | 7156 | 8 | 84 | .8 | 4 | 26140 | .1 | 16 | 496 | 36120 | 2570 | 1 | 9540 | 602 | 9 | 40 | 14 | 300 | 49 | 139 | 26 | 1 | 12 | 7.3 | 108 | 2 | 1 | 5 | 115 | 662 |
| 02-0-18213 | .4 | 8320 | 371 | 5 | 73 | .4 | 3 | 2640 | .1 | 2 | 49 | 10690 | 4590 | 9 | 790 | 36 | 3 | 90 | 1 | 240 | 14 | 10 | 5 | 1 | 34 | 5.7 | 14 | 1 | 1 | 3 | 68 | 94 |
| 02-0-18214 | .5 | 9030 | 84 | 4 | 62 | .5 | 2 | 830 | .1 | 9 | 89 | 23630 | 5000 | 6 | 880 | 24 | 2 | 110 | 1 | 150 | 17 | 22 | 5 | 1 | 18 | 5.3 | 19 | 1 | 1 | 3 | 95 | 338 |
| 02-0-18215 | 2.3 | 3050 | 1748 | 8 | 99 | .8 | 2 | 450 | .1 | 13 | 106 | 82410 | 1490 | 1 | 190 | 293 | 284 | 30 | 1 | 40 | 196 | 174 | 7 | 1 | 12 | 24.2 | 124 | 1 | 1 | 3 | 77 | 1300 |
| 02-0-18216 | 1.8 | 8310 | 349 | 3 | 24 | .7 | 3 | 1100 | .1 | 15 | 399 | 45170 | 1880 | 16 | 2780 | 123 | 4 | 30 | 1 | 340 | 18 | 35 | 4 | 1 | 34 | 15.7 | 46 | 2 | 1 | 4 | 106 | 329 |
| 02-0-18217 | 1.6 | 11940 | 459 | 4 | 63 | .9 | 5 | 1550 | .1 | 8 | 325 | 29920 | 2470 | 30 | 4300 | 146 | 2 | 30 | 2 | 500 | 31 | 37 | 6 | 1 | 32 | 12.2 | 49 | 2 | 1 | 3 | 75 | 331 |
| 02-0-18218 | 2.3 | 36230 | 25 | 6 | 88 | .1 | 14 | 27130 | .1 | 31 | 120 | 70630 | 4620 | 65 | 27610 | 909 | 1 | 1960 | 10 | 610 | 5 | 1 | 43 | 1 | 3269 | 237.5 | 70 | 1 | 2 | 4 | 54 | 25 |
| 02-0-18219 | 1.7 | 19870 | 573 | 5 | 18 | .3 | 28 | 25100 | .1 | 42 | 361 | 77320 | 1440 | 59 | 15750 | 594 | 1 | 410 | 19 | 550 | 7 | 37 | 18 | 1 | 1789 | 176.5 | 33 | 1 | 1 | 6 | 99 | 4900 |
| 02-0-18220 | .4 | 18640 | 211 | 2 | 19 | .7 | 6 | 6120 | .1 | 22 | 241 | 58650 | 920 | 29 | 17270 | 287 | 1 | 700 | 1 | 1140 | 10 | 14 | 11 | 1 | 1238 | 218.3 | 38 | 3 | 1 | 5 | 61 | 38 |
| 02-0-18221 | .3 | 4500 | 35 | 1 | 42 | .3 | 1 | 2200 | .1 | 4 | 12 | 5140 | 1440 | 16 | 900 | 329 | 9 | 80 | 7 | 50 | 20 | 4 | 11 | 8 | 21 | 7.7 | 29 | 2 | 1 | 4 | 109 | 24 |
| 02-0-18222 | .1 | 28420 | 23 | 4 | 126 | 1.7 | 3 | 1460 | .1 | 16 | 44 | 26360 | 3060 | 159 | 3180 | 143 | 2 | 110 | 76 | 60 | 1 | 6 | 9 | 2 | 388 | 87.3 | 35 | 4 | 1 | 4 | 72 | 19 |
| 02-0-18700 | .3 | 10960 | 160 | 1 | 4109 | 1.1 | 1 | 240 | .1 | 6 | 87 | 18570 | 3190 | 8 | 400 | 157 | 13 | 90 | 14 | 60 | 13 | 7 | 44 | 1 | 24 | 18.5 | 79 | 1 | 1 | 4 | 92 | 8 |
| 02-0-18710 | .1 | 8810 | 482 | 2 | 145 | 1.2 | 1 | 3580 | .1 | 16 | 26 | 61960 | 2060 | 28 | 620 | 1097 | 1 | 100 | 6 | 580 | 16 | 21 | 11 | 2 | 8 | 26.7 | 48 | 1 | 1 | 1 | 32 | 4 |
| 02-0-18712 | .1 | 8520 | 143 | 1 | 136 | 1.4 | 1 | 3700 | .1 | 10 | 14 | 30600 | 2430 | 24 | 790 | 385 | 4 | 220 | 7 | 240 | 5 | 1 | 14 | 1 | 10 | 16.9 | 24 | 1 | 1 | 2 | 30 | 4 |
| 02-0-18713 | .7 | 11220 | 2559 | 1 | 84 | 1.5 | 2 | 6150 | .1 | 7 | 52 | 4890 | 3310 | 14 | 770 | 62 | 2 | 340 | 11 | 500 | 6 | 32 | 39 | 1 | 5 | 13.6 | 11 | 2 | 1 | 1 | 4 | 30 |
| 02-0-18714 | .4 | 5830 | 6187 | 1 | 62 | .6 | 1 | 1440 | .1 | 10 | 48 | 9500 | 2790 | 1 | 150 | 44 | 3 | 370 | 1 | 220 | 3 | 23 | 12 | 1 | 14 | 6.9 | 13 | 1 | 1 | 2 | 66 | 212 |
| 02-0-18715 | .3 | 20240 | 308 | 1 | 92 | 1.1 | 1 | 4200 | .1 | 12 | 255 | 49190 | 3710 | 31 | 1720 | 313 | 1 | 320 | 1 | 860 | 15 | 10 | 18 | 2 | 117 | 46.4 | 29 | 2 | 1 | 1 | 25 | 48 |
| 02-0-18716 | 2.4 | 15950 | 904 | 11 | 31 | .1 | 1 | 1870 | .1 | 21 | 343 | 263020 | 1040 | 7 | 710 | 1058 | 1 | 70 | 1 | 1060 | 13 | 6 | 7 | 1 | 359 | 74.7 | 34 | 1 | 1 | 1 | 30 | 214 |
| 02-0-18717 | 1.6 | 35820 | 119 | 5 | 27 | .5 | 8 | 15440 | .1 | 18 | 181 | 44700 | 2870 | 19 | 10760 | 428 | 1 | 2570 | 1 | 770 | 3 | 1 | 17 | 1 | 1673 | 156.1 | 80 | 3 | 1 | 7 | 132 | 39 |
| 02-0-18718 | 1.3 | 22250 | 170 | 3 | 21 | .4 | 7 | 12290 | .1 | 22 | 206 | 51600 | 1150 | 13 | 13140 | 552 | 1 | 1480 | 1 | 820 | 4 | 1 | 10 | 1 | 1345 | 192.5 | 156 | 3 | 1 | 5 | 85 | 24 |
| 02-0-18719 | 1.2 | 24110 | 362 | 3 | 13 | .6 | 5 | 7910 | .1 | 13 | 129 | 28880 | 1920 | 27 | 5790 | 437 | 1 | 1250 | 1 | 650 | 5 | 1 | 11 | 1 | 1043 | 142.0 | 38 | 3 | 1 | 6 | 118 | 58 |
| 02-0-18720 | 3.0 | 34490 | 97 | 4 | 33 | .3 | 76 | 11680 | .1 | 24 | 290 | 71020 | 5180 | 13 | 20280 | 519 | 1 | 2270 | 1 | 940 | 16 | 7 | 19 | 1 | 2618 | 224.3 | 83 | 3 | 1 | 5 | 64 | 2050 |
| 02-0-18721 | 1.3 | 24520 | 41 | 3 | 9 | .2 | 10 | 9730 | .1 | 24 | 227 | 51910 | 1790 | 12 | 15110 | 511 | 1 | 1500 | 1 | 610 | 8 | 6 | 14 | 1 | 1934 | 187.1 | 94 | 3 | 1 | 5 | 66 | 123 |
| 02-0-18722 | 1.0 | 20560 | 65 | 4 | 310 | .5 | 7 | 4040 | .1 | 16 | 212 | 48440 | 3470 | 21 | 6160 | 274 | 1 | 400 | 6 | 30 | 7 | 1 | 10 | 1 | 1053 | 129.0 | 101 | 2 | 1 | 8 | 152 | 268 |
| 02-0-18723 | 3.6 | 24460 | 669 | 4 | 94 | .7 | 15 | 6010 | .1 | 19 | 355 | 81760 | 1870 | 61 | 5880 | 449 | 1 | 140 | 1 | 850 | 71 | 10 | 10 | 1 | 646 | 18.1 | 84 | 1 | 1 | 3 | 82 | 848 |
| 02-0-18728 | .1 | 33100 | 187 | 8 | 4 | .1 | 1 | 5190 | .1 | 25 | 715 | 160840 | 160 | 14 | 4520 | 1478 | 1 | 40 | 1 | 1100 | 1 | 1 | 13 | 1 | 524 | 59.0 | 30 | 1 | 1 | 3 | 117 | 18 |
| 02-0-18729 | .8 | 19210 | 180 | 2 | 40 | .6 | 5 | 730 | .1 | 9 | 57 | 28190 | 2140 | 6 | 2060 | 135 | 4 | 260 | 2 | 140 | 1 | 1 | 11 | 1 | 1271 | 29.6 | 48 | 2 | 1 | 4 | 89 | 4 |
| 02-0-18730 | .6 | 55460 | 1 | 6 | 11 | .2 | 1 | 17300 | .1 | 29 | 489 | 115490 | 900 | 15 | 13480 | 1251 | 1 | 580 | 11 | 7630 | 5 | 1 | 33 | 1 | 838 | 46.0 | 53 | 1 | 1 | 3 | 104 | 62 |
| 02-0-18731 | .4 | 23210 | 246 | 1 | 74 | 1.4 | 2 | 1370 | .1 | 19 | 64 | 19690 | 3010 | 18 | 4740 | 150 | 5 | 150 | 71 | 350 | 13 | 1 | 13 | 3 | 70 | 59.9 | 57 | 3 | 1 | 4 | 87 | 66 |
| 02-0-18732 | .1 | 29990 | 93 | 7 | 11 | .1 | 1 | 3710 | .1 | 14 | 50 | 105670 | 260 | 28 | 4250 | 513 | 1 | 30 | 1 | 890 | 3 | 1 | 11 | 1 | 804 | 70.3 | 36 | 3 | 1 | 2 | 64 | 9 |
| 02-0-18733 | .1 | 1840 | 1310 | 1 | 268 | .4 | 1 | 960 | .1 | 6 | 15 | 30470 | 960 | 1 | 280 | 697 | 23 | 50 | 1 | 20 | 23 | 14 | 7 | 1 | 12 | 24.1 | 51 | 1 | 1 | 6 | 142 | 60 |
| 02-0-18734 | .3 | 6860 | 192 | 1 | 70 | .4 | 1 | 580 | .1 | 3 | 23 | 15830 | 3710 | 2 | 560 | 66 | 28 | 70 | 1 | 80 | 25 | 23 | 5 | 1 | 26 | 8.8 | 38 | 1 | 1 | 4 | 108 | 74 |
| 02-0-18735 | 2.0 | 35840 | 256 | 4 | 71 | .3 | 13 | 13350 | .1 | 27 | 273 | 68830 | 5940 | 48 | 14340 | 862 | 1 | 510 | 1 | 620 | 435 | 38 | 17 | 1 | 1995 | 184.8 | 294 | 1 | 1 | 6 | 88 | 855 |
| 02-0-18736 | 1.4 | 40630 | 80 | 1 | 101 | .9 | 9 | 17960 | .1 | 6 | 27 | 20910 | 5260 | 28 | 11970 | 534 | 1 | 1960 | 4 | 460 | 4 | 5 | 42 | 1 | 1793 | 35.7 | 50 | 3 | 1 | 4 | 83 | 39 |
| 02-0-18737 | .1 | 29910 | 439 | 1 | 204 | 1.9 | 1 | 6750 | .1 | 26 | 81 | 60970 | 4900 | 69 | 2520 | 1411 | 1 | 210 | 149 | 1610 | 9 | 14 | 53 | 2 | 205 | 81.4 | 41 | 1 | 1 | 2 | 46 | 76 |
| 02-0-18738 | .1 | 26860 | 144 | 1 | 129 | 1.6 | 2 | 3850 | .1 | 11 | 44 | 21680 | 2810 | 72 | 3340 | 85 | 2 | 130 | 69 | 260 | 3 | 2 | 16 | 3 | 16 | 34.4 | 13 | 3 | 1 | 2 | 53 | 35 |
| 02-0-18739 | .1 | 17370 | 1769 | 1 | 2143 | .9 | 2 | 4330 | .1 | 16 | 40 | 24710 | 3360 | 11 | 3420 | 253 | 2 | 60 | 43 | 250 | 8 | 11 | 26 | 2 | 3 | 29.6 | 12 | 2 | 1 | 3 | 69 | 575 |
| 02-0-18740 | .1 | 17000 | 774 | 1 | 60 | .7 | 1 | 670 | .1 | 9 | 141 | 38720 | 2110 | 17 | 3330 | 77 | 1 | 100 | 5 | 290 | 5 | 13 | 6 | 1 | 35 | 30.4 | 10 | 2 | 1 | 3 | 85 | 91 |
| 02-0-18741 | 1.9 | 43980 | 97 | 1 | 325 | .9 | 12 | 13590 | .1 | 16 | 235 | 52520 | 5170 | 25 | 13670 | 381 | 1 | 2700 | 55 | 3340 | 6 | 1 | 53 | 1 | 2087 | 122.7 | 48 | 3 | 1 | 7 | 151 | 44 |
| 02-0-18742 | 2.3 | 9910 | 458 | 1 | 45 | .4 | 1 | 410 | .1 | 3 | 39 | 23270 | 2440 | 4 | 690 | 6 | 2 | 80 | 1 | 50 | 237 | 142 | 3 | 1 | 27 | 12.6 | 20 | 1 | 1 | 4 | 107 | 534 |
| 02-0-18743 | .9 | 17130 | 1549 | 1 | 57 | .9 | 1 | 5090 | .1 | 19 | 330 | 38940 | 1200 | 21 | 5650 | 176 | 1 | 630 | 35 | 260 | 5 | 20 | 23 | 1 | 91 | 26.4 | 51 | 3 | 1 | 4 | 102 | 242 |
| 02-0-18744 | .6 | 23020 | 354 | 1 | 41 | .8 | 1 | 7660 | .1 | 10 | 175 | 33420 | 1310 | 11 | 4350 | 78 | 1 | 2150 | 7 | 180 | 6 | 2 | 55 | 1 | 118 | 24.2 | 23 | 3 | 1 | 4 | 95 | 134 |
| 02-0-18745 | .3 | 14970 | 1624 | 1 | 30 | .8 | 1 | 1610 | .1 | 24 | 307 | 42790 | 1570 | 6 | 3580 | 68 | 1 | 570 | 33 | 230 | 5 | 9 | 11 | 1 | 63 | 33.6 | 46 | 1 | 1 | 6 | 149 | 81 |
| 02-0-18746 | .1 | 30600 | 1560 | 1 | 83 | 1.7 | 3 | 6170 | .1 | 48 | 56 | 39000 | 1840 | 24 | 6800 | 239 | 1 | 430 | 97 | 1280 | 8 | 11 | 32 | 2 | 346 | 44.9 | 21 | 3 | 1 | 3 | 72 | 36 |
| 02-0-18747 | .2 | 40810 | 866 | 1 | 161 | 2.1 | 3 | 8000 | .1 | 13 | 44 | 30630 | 2710 | 50 | 6070 | 137 | 1 | 720 | 39 | 540 | 1 | 1 | 34 | 3 | 421 | 30.8 | 19 | 4 | 1 | 4 | 88 | 43 |
| 02-0-18748 | .1 | 16610 | 245 | 1 | 54 | 1.3 | 1 | 1190 | .1 | 16 | 447 | 52000 | 1040 | 19 | 1880 | 41 | 1 | 360 | 17 | 410 | 4 | 5 | 13 | 1 | 139 | 7.6 | 13 | 1 | 1 | 4 | 96 | 45 |
| 02-0-18749 | .1 | 17510 | 273 | 1 | 68 | .9 | 1 | 1950 | .1 | 7 | 83 | 45050 | 2630 | 6 | 1770 | 97 | 2 | 130 | 1 | 440 | 8 | 1 | 9 | 1 | 14 | 18.5 | 19 | 1 | 1 | 4 | 104 | 24 |
| 02-0-18750 | .2 | 9660 | 116 | 1 | 17 | .7 | 1 | 1850 | .1 | 15 | 227 | 31390 | 800 | 4 | 3490 | 72 | 1 | 450 | 12 | 280 | 4 | 1 | 8 | 1 | 78 | 22.8 | 10 | 2 | 1 | 3 | 79 | 19 |
| 02-0-18751 | .1 | 9010 | 293 | 1 | 256 | .7 | 1 | 1110 | .1 | 10 | 28 | 24300 | 3770 | 4 | 530 | 387 | 1 | 80 | 5 | 100 | 9 | 6 | 7 | 1 | 22 | 9.0 | 174 | 1 | 1 | 2 | 47 | 10 |
| 02-0-18752 | .1 | 8130 | 253 | 1 | 132 | .7 | 1 | 1100 | .1 | 10 | 26 | 28220 | 3880 | 3 | 460 | 604 | 1 | 110 | 7 | 110 | 5 | 5 | 6 | 1 | 24 | 9.5 | 145 | 1 | 1 | 2 | 43 | 13 |
| 02-0-18753 | .1 | 12650 | 305 | 1 | 173 | 1.0 | 1 | 1620 | .1 | 16 | 26 | 35430 | 3750 | 12 | 1400 | 730 | 1 | 150 | 17 | 80 | 2 | 4 | 9 | 1 | 43 | 24.1 | 118 | 1 | 1 | 2 | 48 | 4 |
| 02-0-18754 | .1 | 8490 | 393 | 1 | 174 | .9 | 1 | 1670 | .1 | 16 | 37 | 36600 | 2910 | 10 | 800 | 760 | 3 | 140 | 15 | 100 | 5 | 2 | 8 | 1 | 24 | 27.7 | 132 | 1 | 1 | 2 | 44 | 6 |
| 02-0-18755 | .1 | 5320 | 798 | 1 | 3142 | .6 | 1 | 1100 | .1 | 13 | 74 | 45210 | 2380 | 3 | 430 | 1419 | 39 | 160 | 7 | 30 | 146 | 40 | 47 | 1 | 14 | 52.3 | 418 | 1 | 1 | 5 | 129 | 28 |
| 02-0-18756 | .1 | 9710 | 220 | 1 | 105 | .9 | 1 | 1590 | 12.1 | 19 | 64 | 50060 | 2690 | 15 | 1080 | 962 | 1 | 190 | 6 | 90 | 3 | 7 | 9 | 1 | 36 | 22.3 | 912 | 1 | 1 | 1 | 39 | 11 |
| 02-0-18757 | .2 | 6410 | 482 | 1 | 125 | .8 | 1 | 4070 | .1 | 15 | 62 | 38060 | 2660 | 5 | 1200 | 654 | 2 | 150 | 10 | 270 | 4 | 25 | 21 | 1 | 25 | 21.5 | 75 | 1 | 1 | 1 | 41 | 42 |
| 02-0-18758 | .1 | 4630 | 299 | 1 | 69 | .5 | 1 | 1070 | .1 | 13 | 44 | 37130 | 2240 | 1 | 300 | 547 | 4 | 120 | 3 | 80 | 4 | 12 | 8 | 1 | 15 | 15.3 | 53 | 1 | 1 | 1 | 42 | 15 |
| 02-0-18759 | .1 | 7000 | 228 | 1 | 77 | .7 | 1 | 1350 | .1 | 18 | 7 | 39630 | 2690 | 5 | 660 | 618 | 1 | 180 | 9 | 120 | 2 | 1 | 8 | 1 | 29 | 23.1 | 58 | 1 | 1 | 2 | 53 | 20 |
| 02-0-18760 | .1 | 6010 | 919 | 1 | 95 | .6 | 1 | 1470 | .1 | 14 | 29 | 44580 | 2360 | 6 | 860 | 521 | 1 | 100 | 1 | 110 | 2 | 8 | 8 | 1 | 22 | 21.0 | 53 | 1 | 1 | 1 | 31 | 3 |
| 02-0-18761 | .1 | 5560 | 277 | 1 | 125 | .7 | 1 | 1250 | .1 | 11 | 31 | 40990 | 2950 | 2 | 230 | 330 | 1 | 80 | 1 | 290 | 3 | 7 | 7 | 1 | 11 | 20.6 | 43 | 1 | 1 | 2 | 46 | 5 |

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: INLAW/OUTLAW GRIOL
ATTN: GREG CROWE/JERRY BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0258-RJ5
DATE: 91/08/06
* ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-FIRE PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02-0-18762 | .1 | 12170 | 385 | 6 | 94 | .8 | 1 | 2620 | .1 | 22 | 82 | 52130 | 2810 | 27 | 850 | 448 | 1 | 100 | 11 | 500 | 9 | 8 | 14 | 1 | 29 | 41.4 | 58 | 1 | 1 | 2 | 42 | 2 |
| 02-0-18763 | .1 | 15570 | 740 | 8 | 84 | .8 | 1 | 1260 | .1 | 19 | 69 | 103000 | 2330 | 33 | 870 | 859 | 1 | 60 | 1 | 730 | 3 | 6 | 13 | 1 | 80 | 47.4 | 97 | 1 | 1 | 1 | 35 | 1 |
| 02-0-18764 | .1 | 26850 | 152 | 7 | 123 | 1.2 | 2 | 3010 | .1 | 17 | 69 | 56040 | 3400 | 77 | 3110 | 411 | 1 | 150 | 11 | 400 | 3 | 1 | 16 | 1 | 598 | 41.7 | 54 | 2 | 1 | 2 | 53 | 15 |
| 02-0-18765 | .3 | 19160 | 146 | 4 | 99 | 1.3 | 3 | 2190 | .1 | 11 | 27 | 22230 | 2910 | 93 | 1320 | 190 | 2 | 120 | 11 | 150 | 1 | 1 | 11 | 1 | 322 | 24.0 | 19 | 2 | 1 | 3 | 79 | 2 |
| 02-0-18766 | .1 | 24670 | 292 | 5 | 125 | .9 | 3 | 2930 | .1 | 17 | 31 | 43910 | 2540 | 118 | 1730 | 331 | 1 | 120 | 12 | 210 | 1 | 1 | 15 | 1 | 623 | 39.1 | 39 | 1 | 1 | 3 | 69 | 5 |
| 02-0-18767 | .1 | 18850 | 426 | 4 | 110 | 1.6 | 1 | 3780 | .1 | 13 | 46 | 45300 | 3120 | 80 | 870 | 580 | 1 | 110 | 14 | 310 | 5 | 3 | 12 | 1 | 44 | 30.4 | 55 | 1 | 1 | 2 | 44 | 4 |
| 02-0-18768 | .2 | 9930 | 430 | 1 | 66 | .8 | 1 | 4240 | .1 | 9 | 54 | 17450 | 4120 | 25 | 380 | 194 | 3 | 110 | 15 | 830 | 7 | 5 | 11 | 1 | 10 | 13.7 | 39 | 1 | 1 | 1 | 22 | 6 |
| 02-0-18769 | .7 | 7540 | 4102 | 1 | 91 | .6 | 2 | 5360 | .1 | 4 | 50 | 13520 | 3580 | 14 | 480 | 243 | 4 | 90 | 8 | 900 | 12 | 26 | 20 | 1 | 9 | 7.4 | 46 | 2 | 1 | 2 | 45 | 2 |
| 02-0-18770 | .3 | 5980 | 146 | 1 | 54 | .3 | 1 | 1880 | .1 | 2 | 11 | 3840 | 1390 | 20 | 340 | 176 | 9 | 80 | 5 | 30 | 27 | 5 | 8 | 4 | 15 | 3.3 | 22 | 2 | 1 | 2 | 60 | 1 |
| 02-0-18771 | .5 | 6530 | 94 | 1 | 173 | .3 | 1 | 1810 | .1 | 1 | 5 | 2920 | 1050 | 42 | 250 | 51 | 5 | 60 | 3 | 20 | 16 | 3 | 9 | 6 | 10 | 2.0 | 19 | 2 | 1 | 3 | 62 | 1 |
| 02-0-18772 | .5 | 6620 | 71 | 1 | 30 | .4 | 1 | 2610 | .1 | 2 | 15 | 4500 | 980 | 30 | 590 | 90 | 7 | 140 | 3 | 60 | 17 | 3 | 11 | 6 | 26 | 4.2 | 21 | 2 | 1 | 2 | 58 | 2 |
| 02-0-18773 | .5 | 13220 | 202 | 1 | 294 | .8 | 2 | 11370 | .1 | 12 | 75 | 25390 | 1520 | 44 | 4730 | 585 | 1 | 490 | 11 | 1580 | 10 | 1 | 53 | 1 | 165 | 48.4 | 79 | 3 | 1 | 2 | 40 | 1 |
| 02-0-18774 | .7 | 17010 | 868 | 2 | 511 | 1.0 | 3 | 13950 | .1 | 15 | 101 | 37590 | 2830 | 14 | 6090 | 686 | 1 | 620 | 11 | 2330 | 13 | 6 | 63 | 1 | 351 | 67.4 | 137 | 3 | 1 | 2 | 32 | 25 |
| 02-0-18775 | .4 | 9320 | 3943 | 1 | 76 | 1.6 | 2 | 4550 | .1 | 10 | 283 | 22030 | 2280 | 6 | 630 | 211 | 2 | 150 | 10 | 820 | 24 | 17 | 21 | 1 | 11 | 10.8 | 111 | 1 | 1 | 2 | 45 | 6 |
| 02-0-18776 | .7 | 7910 | 2991 | 1 | 79 | .7 | 2 | 3360 | .1 | 6 | 111 | 17420 | 2870 | 9 | 470 | 128 | 2 | 230 | 5 | 500 | 17 | 16 | 26 | 1 | 13 | 8.5 | 144 | 1 | 1 | 1 | 27 | 40 |
| 02-0-18777 | 1.3 | 13150 | 2688 | 5 | 97 | .8 | 3 | 4170 | .1 | 13 | 134 | 40780 | 3470 | 18 | 970 | 422 | 1 | 290 | 1 | 340 | 22 | 18 | 29 | 1 | 34 | 30.0 | 174 | 1 | 1 | 1 | 17 | 131 |
| 02-0-18778 | .7 | 15130 | 1854 | 2 | 116 | .9 | 2 | 5140 | .1 | 11 | 95 | 40480 | 2950 | 29 | 980 | 349 | 2 | 280 | 1 | 520 | 19 | 13 | 31 | 1 | 44 | 34.8 | 57 | 1 | 1 | 1 | 16 | 156 |
| 02-0-18779 | 1.0 | 40020 | 126 | 8 | 130 | 1.1 | 6 | 10890 | .1 | 16 | 95 | 41030 | 2320 | 48 | 8260 | 448 | 1 | 1270 | 35 | 580 | 17 | 1 | 64 | 1 | 829 | 73.9 | 95 | 4 | 1 | 4 | 93 | 3 |
| 02-0-18780 | .1 | 29340 | 1801 | 10 | 94 | .1 | 1 | 4100 | .1 | 22 | 297 | 187050 | 1890 | 72 | 1780 | 484 | 1 | 140 | 1 | 840 | 5 | 12 | 16 | 1 | 174 | 93.3 | 90 | 1 | 1 | 1 | 17 | 2 |
| 02-0-18781 | .8 | 30800 | 65 | 4 | 128 | .7 | 6 | 5930 | .1 | 11 | 8 | 44610 | 3090 | 98 | 2300 | 431 | 1 | 220 | 1 | 810 | 8 | 1 | 22 | 1 | 1172 | 63.6 | 57 | 2 | 1 | 1 | 15 | 1 |
| 02-0-18782 | 1.1 | 37600 | 35 | 4 | 142 | .9 | 8 | 6390 | .1 | 12 | 17 | 41480 | 4310 | 105 | 3170 | 208 | 1 | 290 | 3 | 620 | 1 | 1 | 26 | 1 | 1504 | 77.9 | 63 | 3 | 1 | 2 | 17 | 2 |
| 02-0-18783 | .8 | 29400 | 224 | 4 | 128 | .9 | 3 | 7750 | .1 | 11 | 62 | 32660 | 2820 | 44 | 4920 | 528 | 1 | 450 | 16 | 1010 | 12 | 1 | 41 | 1 | 311 | 71.5 | 97 | 3 | 1 | 3 | 59 | 1 |
| 02-0-18784 | 1.0 | 40650 | 143 | 8 | 181 | 1.1 | 5 | 5830 | .1 | 16 | 123 | 46390 | 3190 | 76 | 6110 | 719 | 1 | 360 | 26 | 660 | 6 | 1 | 24 | 1 | 835 | 98.0 | 169 | 3 | 1 | 4 | 75 | 2 |
| 02-0-18785 | .6 | 8620 | 464 | 1 | 413 | .7 | 2 | 1370 | .1 | 6 | 47 | 19370 | 3920 | 4 | 480 | 141 | 5 | 90 | 1 | 100 | 12 | 20 | 10 | 1 | 21 | 8.2 | 106 | 1 | 1 | 3 | 78 | 25 |
| 02-0-18786 | .2 | 13570 | 185 | 1 | 139 | .8 | 2 | 1720 | .1 | 8 | 22 | 20280 | 4680 | 19 | 1370 | 412 | 2 | 90 | 5 | 130 | 7 | 5 | 8 | 1 | 41 | 17.9 | 125 | 1 | 1 | 2 | 51 | 2 |
| 18956 | 7.4 | 4330 | 13756 | 2 | 208 | .5 | 1 | 12820 | 13.6 | 19 | 172 | 44960 | 2670 | 1 | 7460 | 769 | 2 | 60 | 6 | 1040 | 299 | 86 | 30 | 1 | 38 | 82.1 | 1165 | 2 | 1 | 8 | 182 | 2650 |
| 18957 | 10.9 | 9370 | 2401 | 4 | 37 | .3 | 1 | 6170 | .5 | 32 | 133 | 84930 | 3120 | 6 | 4830 | 276 | 1 | 100 | 1 | 2180 | 135 | 66 | 39 | 1 | 35 | 93.5 | 269 | 1 | 1 | 3 | 54 | 1600 |
| 18958 | 51.3 | 9490 | 4539 | 5 | 39 | .3 | 1 | 6150 | 46.5 | 33 | 491 | 87030 | 3190 | 5 | 6360 | 1132 | 1 | 80 | 1 | 2180 | 8483 | 65 | 60 | 1 | 39 | 137.2 | 2909 | 1 | 1 | 4 | 69 | 10200 |
| 18959 | 6.1 | 2610 | 137 | 2 | 491 | .7 | 1 | 60390 | 11.1 | 39 | 123 | 41730 | 1340 | 1 | 45960 | 1295 | 1 | 50 | 229 | 140 | 2336 | 7 | 143 | 1 | 7 | 49.0 | 1109 | 1 | 1 | 6 | 179 | 1060 |

Note: INLAW Samples

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW PO GRIOL
ATTN: G.CROWE/J.BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0300-RJ1
DATE: 91/08/08
* ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-FIRE PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18147 | .1 | 14950 | 84 | 13 | 60 | 1.4 | 2 | 57620 | .1 | 42 | 181 | 61710 | 2400 | 15 | 14290 | 1453 | 1 | 40 | 111 | 1290 | 15 | 3 | 31 | 1 | 25 | 126.0 | 85 | 1 | 1 | 10 | 206 | 2 |
| 18148 | .1 | 7710 | 30 | 10 | 83 | .7 | 2 | 66930 | .1 | 23 | 123 | 57210 | 850 | 10 | 29250 | 1607 | 1 | 40 | 15 | 690 | 8 | 18 | 59 | 1 | 23 | 146.6 | 63 | 1 | 1 | 4 | 59 | 1 |
| 18149 | 1.2 | 4830 | 17 | 6 | 1785 | .6 | 2 | 57420 | .1 | 4 | 145 | 23260 | 900 | 37 | 16630 | 834 | 3 | 40 | 1 | 350 | 24 | 5 | 64 | 3 | 6 | 11.3 | 25 | 2 | 1 | 2 | 31 | 1 |
| 18150 | 1.3 | 5940 | 56 | 6 | 184 | .7 | 1 | 31080 | .1 | 4 | 36 | 16400 | 1740 | 49 | 9800 | 656 | 8 | 50 | 4 | 360 | 43 | 6 | 34 | 6 | 5 | 10.2 | 31 | 3 | 1 | 2 | 47 | 3 |
| 18175 | 8.3 | 2450 | 14308 | 9 | 30 | .6 | 6 | 73370 | 125.7 | 14 | 303 | 62810 | 1130 | 4 | 40750 | 1952 | 1 | 20 | 1 | 210 | 509 | 63 | 77 | 1 | 11 | 33.0 | 8099 | 1 | 1 | 1 | 29 | 1000 |
| 18176 | 1.6 | 1770 | 2114 | 7 | 208 | .6 | 2 | 80680 | .1 | 7 | 71 | 46970 | 940 | 2 | 49790 | 2384 | 1 | 20 | 1 | 60 | 104 | 19 | 101 | 1 | 12 | 21.3 | 456 | 1 | 1 | 1 | 34 | 231 |
| 18177 | 5.2 | 2400 | 223 | 6 | 384 | .6 | 2 | 79040 | .1 | 12 | 417 | 42230 | 1060 | 4 | 44370 | 2453 | 1 | 40 | 16 | 200 | 654 | 120 | 87 | 1 | 10 | 33.8 | 280 | 1 | 1 | 2 | 54 | 46 |
| 18178 | 1.9 | 3050 | 639 | 6 | 65 | .4 | 3 | 68500 | .1 | 17 | 147 | 48120 | 690 | 10 | 39490 | 7384 | 1 | 50 | 20 | 280 | 218 | 53 | 91 | 1 | 11 | 63.9 | 218 | 1 | 1 | 3 | 49 | 86 |
| 18179 | 1.0 | 3700 | 77 | 6 | 57 | .4 | 1 | 11110 | .1 | 13 | 116 | 32750 | 1310 | 4 | 2060 | 1023 | 9 | 10 | 1 | 280 | 28 | 43 | 7 | 1 | 15 | 44.1 | 117 | 1 | 1 | 4 | 86 | 1 |
| 18223 | 33.8 | 11860 | 14439 | 5 | 362 | .6 | 19 | 7180 | .1 | 15 | 414 | 28640 | 4610 | 12 | 8070 | 544 | 8 | 1000 | 30 | 1050 | 6192 | 4184 | 29 | 6 | 785 | 52.3 | 136 | 2 | 2 | 8 | 179 | 1780 |
| 18224 | 8.9 | 1410 | 390 | 2 | 44 | .1 | 22 | 1450 | .1 | 1 | 49 | 5900 | 950 | 1 | 350 | 46 | 9 | 30 | 3 | 160 | 410 | 226 | 3 | 1 | 13 | 2.8 | 29 | 1 | 1 | 6 | 160 | 8750 |
| 18225 | 11.8 | 3110 | 589 | 3 | 130 | .2 | 33 | 2130 | .1 | 2 | 115 | 8120 | 2010 | 2 | 430 | 57 | 6 | 30 | 6 | 330 | 562 | 267 | 16 | 1 | 8 | 4.2 | 46 | 1 | 1 | 8 | 207 | 7400 |
| 18226 | 9.2 | 6210 | 1011 | 4 | 334 | .4 | 25 | 3450 | .1 | 2 | 155 | 11450 | 3620 | 3 | 680 | 30 | 4 | 60 | 7 | 430 | 1014 | 310 | 44 | 2 | 4 | 6.9 | 83 | 1 | 1 | 2 | 48 | 3300 |
| 18227 | 1.2 | 4750 | 233 | 3 | 99 | .4 | 2 | 2650 | .1 | 1 | 17 | 5190 | 1740 | 15 | 280 | 38 | 19 | 160 | 3 | 50 | 54 | 14 | 16 | 9 | 3 | 1.8 | 24 | 2 | 1 | 3 | 85 | 38 |
| 18228 | 1.0 | 31940 | 162 | 7 | 56 | .9 | 2 | 3080 | .1 | 8 | 100 | 56190 | 1580 | 29 | 14120 | 759 | 1 | 430 | 3 | 650 | 57 | 22 | 18 | 1 | 41 | 69.9 | 90 | 1 | 1 | 4 | 66 | 27 |
| 18229 | .5 | 10870 | 415 | 10 | 25 | .2 | 1 | 640 | .1 | 27 | 305 | 136920 | 730 | 33 | 2740 | 147 | 1 | 40 | 58 | 190 | 5 | 4 | 1 | 1 | 72 | 41.2 | 55 | 1 | 1 | 4 | 100 | 1650 |
| 18230 | .1 | 35510 | 1 | 16 | 17 | .1 | 1 | 7050 | .1 | 28 | 536 | 178090 | 400 | 6 | 8990 | 2217 | 1 | 300 | 1 | 630 | 1 | 1 | 10 | 1 | 616 | 26.1 | 59 | 1 | 1 | 2 | 62 | 39 |
| 18231 | .1 | 77980 | 1 | 24 | 9 | .1 | 1 | 5630 | .1 | 28 | 533 | 220900 | 290 | 91 | 6930 | 1413 | 1 | 600 | 1 | 1390 | 1 | 1 | 30 | 1 | 1914 | 82.8 | 70 | 1 | 1 | 1 | 58 | 7 |
| 18301 | .1 | 7930 | 50 | 7 | 8 | 1.0 | 2 | 57180 | .1 | 39 | 171 | 56150 | 990 | 12 | 24370 | 1185 | 1 | 30 | 66 | 820 | 14 | 53 | 53 | 1 | 42 | 218.6 | 59 | 1 | 1 | 6 | 89 | 2 |
| 18302 | .9 | 4920 | 27 | 6 | 114 | .7 | 2 | 57220 | .1 | 13 | 69 | 31610 | 2590 | 3 | 16160 | 963 | 1 | 20 | 1 | 320 | 11 | 5 | 65 | 1 | 17 | 63.1 | 35 | 2 | 1 | 2 | 23 | 1 |
| 18303 | 1.3 | 42230 | 67 | 14 | 22 | .5 | 6 | 6940 | .1 | 23 | 713 | 95180 | 7710 | 116 | 21540 | 695 | 1 | 1070 | 1 | 460 | 13 | 2 | 13 | 1 | 1654 | 163.5 | 170 | 1 | 1 | 4 | 44 | 1294 |
| 18304 | .8 | 23130 | 124 | 8 | 39 | .4 | 11 | 12520 | .1 | 24 | 196 | 60440 | 4470 | 39 | 23920 | 376 | 1 | 840 | 3 | 840 | 4 | 34 | 15 | 1 | 2385 | 214.0 | 55 | 1 | 1 | 6 | 66 | 12 |
| 18960 | 1.0 | 7620 | 18 | 3 | 35 | .7 | 5 | 8070 | .1 | 6 | 25 | 20140 | 1490 | 20 | 6150 | 458 | 12 | 340 | 3 | 610 | 24 | 3 | 10 | 11 | 154 | 35.1 | 61 | 3 | 1 | 4 | 67 | 1 |
| 18961 | 2.6 | 21360 | 145 | 7 | 501 | 1.3 | 5 | 3490 | 92.3 | 12 | 194 | 27950 | 2580 | 52 | 6520 | 142 | 3 | 100 | 62 | 880 | 30 | 24 | 17 | 3 | 87 | 31.7 | 3571 | 3 | 1 | 3 | 79 | 140 |
| 18962 | 5.2 | 29830 | 235 | 14 | 47 | .9 | 2 | 2030 | 173.8 | 81 | 619 | 115860 | 3490 | 28 | 12650 | 174 | 1 | 90 | 54 | 530 | 63 | 11 | 10 | 1 | 196 | 58.4 | 8110 | 1 | 1 | 1 | 76 | 381 |

COMP: AZIMUTH GEOLOGICAL
PROJ: METLA P.O. GAKME
ATTN: G.CROWE/J.BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0301-RJ1
DATE: 91/08/08
* ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-FIRE PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18963 | 10.9 | 29280 | 698 | 9 | 72 | .4 | 1 | 4330 | .1 | 45 | 349 | 98330 | 6140 | 34 | 14450 | 82 | 1 | 70 | 35 | 400 | 402 | 50 | 13 | 1 | 215 | 67.5 | 194 | 1 | 1 | 4 | 84 | 690 |
| 18964 | 9.4 | 19540 | 1097 | 10 | 38 | .1 | 1 | 3470 | .1 | 70 | 4242 | 162830 | 1190 | 18 | 9790 | 242 | 1 | 40 | 35 | 520 | 101 | 1 | 6 | 1 | 148 | 41.2 | 286 | 1 | 1 | 3 | 81 | 1485 |

Note: Outlaw Samples

MINERAL
• ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

RECEIVED JUL 2 3 1991

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

# Assay Certificate

1S-0145-RA1

Company: AZIMUTH GEOLOGICAL
Project: INLAW/OUTLAW
Attn: G.CROWE/J.BLACKWELL

Date: JUL-22-91
Copy 1. AZIMUTH GEOLOGICAL, VANCOUVER, B.C.
2. PRIME EXPLORATIONS, VANCOUVER, B.C.
3. AZIMUTH GEOLOGICAL, C/O MIN-EN LABS.

*We hereby certify* the following Assay of samples submitted JUL-17-91 by TED MURARO.

| Sample Number | AU g/tonne | AU oz/ton |
|---|---|---|
| 18651 | 2.76 | .081 |
| 18655 | 2.57 | .075 |
| 18657 | 3.20 | .093 |
| 18701 | 18.60 | .543 |
| 18702 | 22.90 | .668 |
| 18951 | 2.51 | .073 |
| 18954 | 1.16 | .034 |

*Certified by*

MIN-EN LABORATORIES

MINERAL ENVIRONMENTS LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3178 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

# Assay Certificate

1S-0188-RA1

Company: AZIMUTH GEOLOGICAL
Project: INLAW/OUTLAW PO GRIOL
Attn: G.CROWE

Date: JUL-26-91
Copy 1. AZIMUTH GEOLOGICAL, VANCOUVER, B.C.
2. AZIMUTH GEOLOGICAL, C/O MIN-EN LABS.

*We hereby certify* the following Assay of 1 ROCK samples submitted JUL-22-91 by TED MURARO.

RECEIVED JUL 3 1 1991

| Sample Number | AU g/tonne | AU oz/ton |
|---|---|---|
| 18705 | 4.12 | .120 |

*Certified by*

MIN-EN LABORATORIES

MINERAL ENVIRONMENTS LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

**SMITHERS LAB.:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

# Assay Certificate

1S-0258-RA1

Company: AZIMUTH GEOLOGICAL INC.
Project: INLAW/OUTLAW GRIOL
Attn: GREG CROWE/JERRY BLACKWELL

Date: AUG-06-91
Copy 1. PRIME EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Assay of 11 ROCK samples submitted JUL-29-91 by TED MURARO.

| Sample Number | AU g/tonne | AU oz/ton |
|---|---|---|
| 02-0-18105 | 1.90 | .055 |
| 02-0-18108 | 1.40 | .041 |
| 02-0-18111 | 3.40 | .099 |
| 02-0-18163 | 5.00 | .146 |
| 02-0-18215 | 1.38 | .040 |
| 02-0-18219 | 5.05 | .147 |
| 02-0-18720 | 2.06 | .060 |
| 18956 | 4.62 | .135 |
| 18957 | 1.05 | .031 |
| 18958 | 12.67 | .370 |
| 18959 | 1.06 | .031 |

*Certified by*

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

# Assay Certificate

1S-0300-RA1

Company: AZIMUTH GEOLOGICAL
Project: INLAW/OUTLAW PO GRIDL
Attn: G.CROWE/J.BLACKWELL

Date: AUG-08-91

Copy 1. AZIMUTH GEOLOGICAL, VANCOUVER, B.C.
2. PRIME EXPLORATION, VANCOUVER, B.C.
3. AZIMUTH GEOLOGICAL, C/O MIN-EN LABS.

*We hereby certify* the following Assay of 6 ROCK samples submitted AUG-02-91 by TED MURARO.

| Sample Number | AU g/tonne | AU oz/ton |
|---|---|---|
| 18175 | 1.00 | .029 |
| 18223 | 1.80 | .053 |
| 18224 | 4.22 | .123 |
| 18225 | 9.98 | .262 |
| 18226 | 3.82 | .111 |
| 18229 | 1.68 | .049 |

*Certified by*

MIN-EN LABORATORIES

# Appendix D

# SOIL ANALYTICAL RESULTS

COMP: AZIMUTH GEOLOGICAL
PROJ: OUTLAW/INLAW PO GRICK
ATTN: G.CGROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0151-SJ1+2
DATE: 91/07/23
* SOILS * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L18W 1+00N | .6 | 15350 | 252 | 4 | 40 | .9 | 2 | 2820 | .1 | 16 | 46 | 32440 | 410 | 12 | 4810 | 824 | 4 | 130 | 19 | 380 | 84 | 20 | 8 | 1 | 34 | 33.9 | 120 | 1 | 1 | 1 | 18 | 5 |
| L18W 0+75N | .4 | 15940 | 3377 | 3 | 108 | .7 | 3 | 2930 | .1 | 26 | 48 | 50870 | 830 | 15 | 4990 | 1031 | 2 | 130 | 22 | 380 | 37 | 53 | 12 | 1 | 73 | 46.0 | 189 | 1 | 1 | 1 | 15 | 5 |
| L18W 0+50N | 1.0 | 6430 | 117 | 2 | 961 | .6 | 2 | 3710 | .1 | 7 | 32 | 30980 | 830 | 2 | 790 | 162 | 2 | 130 | 1 | 390 | 8 | 8 | 25 | 1 | 11 | 15.8 | 34 | 2 | 1 | 1 | 8 | 5 |
| L18W 0+25N | .6 | 25610 | 820 | 4 | 112 | 1.1 | 3 | 1980 | .1 | 30 | 81 | 54180 | 1640 | 29 | 6980 | 1290 | 3 | 160 | 44 | 980 | 51 | 8 | 10 | 1 | 263 | 79.0 | 431 | 1 | 1 | 2 | 32 | 10 |
| L18W B/L | .7 | 21330 | 180 | 2 | 50 | 1.0 | 2 | 1490 | .1 | 18 | 70 | 47400 | 1120 | 24 | 3810 | 873 | 2 | 260 | 20 | 520 | 14 | 2 | 7 | 1 | 127 | 54.4 | 150 | 1 | 1 | 2 | 25 | 5 |
| L18W 0+25S | .9 | 19090 | 278 | 1 | 86 | 1.2 | 2 | 3010 | .1 | 22 | 76 | 44340 | 1230 | 24 | 5010 | 868 | 4 | 200 | 41 | 670 | 23 | 5 | 12 | 1 | 178 | 57.8 | 344 | 2 | 1 | 2 | 23 | 5 |
| L18W 0+50S | .1 | 28540 | 1002 | 4 | 123 | 1.6 | 2 | 1940 | .1 | 24 | 91 | 69290 | 1780 | 41 | 6630 | 1693 | 1 | 110 | 24 | 1150 | 31 | 6 | 7 | 1 | 266 | 84.4 | 232 | 1 | 1 | 2 | 29 | 30 |
| L18W 0+75S | .4 | 20870 | 306 | 2 | 173 | .7 | 2 | 2240 | .1 | 14 | 50 | 53870 | 1440 | 16 | 3560 | 905 | 2 | 80 | 7 | 1760 | 81 | 1 | 12 | 1 | 214 | 96.2 | 173 | 1 | 1 | 2 | 34 | 5 |
| L18W 1+00S | .6 | 27560 | 355 | 4 | 163 | 1.2 | 3 | 2920 | .1 | 22 | 106 | 53730 | 2040 | 28 | 7100 | 1492 | 2 | 100 | 25 | 730 | 48 | 6 | 8 | 1 | 267 | 100.3 | 248 | 1 | 1 | 2 | 32 | 40 |
| L18W 1+25S | .9 | 27860 | 280 | 3 | 192 | 1.2 | 3 | 4290 | .1 | 15 | 67 | 47030 | 1550 | 27 | 6730 | 952 | 1 | 80 | 20 | 1150 | 29 | 1 | 12 | 1 | 258 | 102.4 | 187 | 1 | 1 | 3 | 33 | 30 |
| L18W 1+50S | .8 | 24110 | 397 | 2 | 200 | 1.3 | 3 | 6210 | .1 | 21 | 101 | 42230 | 2100 | 27 | 9040 | 1200 | 2 | 140 | 61 | 470 | 23 | 1 | 13 | 1 | 316 | 94.9 | 204 | 1 | 1 | 3 | 35 | 50 |
| L18W 1+75S | .4 | 32730 | 273 | 3 | 201 | 1.2 | 4 | 4160 | .1 | 19 | 141 | 46990 | 1780 | 30 | 9370 | 801 | 1 | 110 | 43 | 610 | 24 | 1 | 8 | 1 | 283 | 106.6 | 142 | 1 | 1 | 3 | 48 | 40 |
| L18W 2+00S | .7 | 28000 | 224 | 3 | 178 | 1.3 | 3 | 5070 | .1 | 16 | 91 | 43690 | 2330 | 50 | 8890 | 826 | 1 | 130 | 31 | 1460 | 24 | 1 | 13 | 1 | 361 | 93.4 | 240 | 1 | 1 | 2 | 37 | 10 |
| L18W 2+25S | .3 | 26020 | 195 | 3 | 170 | 1.0 | 3 | 3350 | .1 | 16 | 89 | 39570 | 2180 | 23 | 7080 | 937 | 1 | 110 | 24 | 1090 | 21 | 1 | 8 | 1 | 270 | 92.9 | 116 | 1 | 1 | 2 | 32 | 75 |
| L18W 2+50S | .6 | 25400 | 283 | 1 | 133 | 1.1 | 3 | 5090 | .1 | 19 | 87 | 43750 | 1910 | 40 | 9180 | 990 | 1 | 120 | 29 | 880 | 24 | 1 | 13 | 1 | 314 | 96.8 | 139 | 1 | 1 | 2 | 36 | 100 |
| L17W 1+25N | .4 | 29250 | 335 | 2 | 146 | 1.2 | 2 | 2580 | .1 | 21 | 52 | 48070 | 1620 | 28 | 8130 | 1333 | 2 | 140 | 22 | 1260 | 72 | 2 | 9 | 1 | 183 | 82.6 | 166 | 1 | 1 | 2 | 23 | 10 |
| L17W 1+00N | .1 | 34240 | 234 | 4 | 83 | 1.1 | 2 | 1170 | .1 | 31 | 118 | 71280 | 1970 | 42 | 6080 | 1352 | 1 | 140 | 40 | 970 | 44 | 1 | 5 | 1 | 472 | 82.0 | 268 | 1 | 1 | 2 | 30 | 20 |
| L17W 0+75N | .1 | 27580 | 155 | 1 | 109 | .9 | 1 | 1430 | .1 | 22 | 72 | 47440 | 1600 | 36 | 5630 | 780 | 1 | 120 | 36 | 760 | 43 | 1 | 6 | 1 | 296 | 65.9 | 314 | 1 | 1 | 1 | 30 | 5 |
| L17W 0+50N | .6 | 24090 | 308 | 1 | 109 | 1.1 | 2 | 2600 | .1 | 22 | 90 | 36680 | 1520 | 31 | 6480 | 826 | 1 | 120 | 87 | 810 | 44 | 7 | 9 | 1 | 262 | 67.7 | 601 | 1 | 1 | 2 | 26 | 30 |
| L17W 0+25N | .8 | 26280 | 410 | 1 | 239 | 1.1 | 3 | 4810 | .1 | 19 | 66 | 39030 | 1960 | 27 | 8510 | 864 | 1 | 170 | 43 | 450 | 77 | 10 | 15 | 1 | 393 | 81.0 | 223 | 1 | 1 | 2 | 30 | 20 |
| L17W B/L | .6 | 29370 | 506 | 1 | 190 | 1.2 | 3 | 3210 | .1 | 24 | 77 | 44100 | 1930 | 29 | 9080 | 932 | 3 | 160 | 73 | 910 | 62 | 3 | 11 | 1 | 335 | 84.0 | 258 | 2 | 1 | 2 | 33 | 5 |
| L17W 0+25S | .5 | 23660 | 3017 | 1 | 94 | .9 | 3 | 3010 | .1 | 22 | 92 | 49570 | 1500 | 23 | 8530 | 836 | 11 | 180 | 46 | 880 | 41 | 22 | 11 | 1 | 257 | 71.8 | 209 | 1 | 1 | 2 | 28 | 30 |
| L17W 0+50S | .9 | 33680 | 565 | 3 | 108 | 1.4 | 4 | 3100 | .1 | 40 | 125 | 51500 | 2530 | 45 | 9110 | 1608 | 4 | 180 | 77 | 1400 | 185 | 8 | 11 | 1 | 332 | 88.5 | 498 | 1 | 1 | 3 | 36 | 30 |
| L17W 1+25S | .7 | 28950 | 330 | 3 | 116 | 1.0 | 3 | 3640 | .1 | 19 | 86 | 43780 | 1920 | 22 | 7760 | 826 | 2 | 150 | 32 | 980 | 26 | 3 | 10 | 1 | 329 | 90.8 | 134 | 1 | 1 | 2 | 35 | 135 |
| L17W 1+50S | .6 | 26120 | 325 | 2 | 117 | .9 | 2 | 1850 | .1 | 14 | 50 | 41250 | 2030 | 22 | 5780 | 922 | 3 | 100 | 24 | 1320 | 22 | 2 | 8 | 1 | 138 | 83.1 | 121 | 1 | 1 | 2 | 28 | 15 |
| L17W 1+75S | .5 | 29460 | 246 | 2 | 203 | 1.1 | 4 | 2910 | .1 | 18 | 65 | 43810 | 1860 | 33 | 6300 | 1681 | 2 | 950 | 25 | 1250 | 37 | 1 | 11 | 1 | 287 | 91.2 | 156 | 1 | 1 | 3 | 30 | 110 |
| L17W 2+00S | .6 | 27760 | 337 | 1 | 166 | 1.1 | 3 | 4050 | .1 | 17 | 88 | 47920 | 1840 | 26 | 7010 | 1149 | 1 | 100 | 22 | 970 | 47 | 1 | 9 | 1 | 289 | 99.2 | 214 | 1 | 1 | 3 | 32 | 10 |
| L17W 2+25S | .4 | 34030 | 212 | 3 | 107 | 1.1 | 3 | 2670 | .1 | 18 | 114 | 51580 | 2030 | 26 | 7250 | 801 | 1 | 100 | 26 | 1010 | 14 | 1 | 6 | 1 | 251 | 117.9 | 133 | 1 | 1 | 3 | 36 | 30 |
| L17W 2+50S | .5 | 28370 | 346 | 1 | 243 | 1.0 | 3 | 2560 | .1 | 17 | 86 | 44220 | 1640 | 28 | 7330 | 1035 | 2 | 100 | 28 | 940 | 21 | 1 | 7 | 1 | 260 | 97.0 | 129 | 1 | 1 | 2 | 35 | 10 |
| L16W 1+50N | 13.4 | 9340 | 655 | 1 | 227 | .8 | 4 | 2040 | .1 | 11 | 198 | 69810 | 4430 | 8 | 2420 | 565 | 1 | 90 | 4 | 2370 | 1971 | 40 | 23 | 1 | 7 | 34.7 | 675 | 1 | 1 | 1 | 12 | 1500 |
| L16W 1+25N | 5.1 | 19780 | 396 | 8 | 368 | .6 | 1 | 230 | .1 | 17 | 79 | 59410 | 3480 | 22 | 3090 | 1188 | 1 | 70 | 23 | 730 | 716 | 20 | 9 | 2 | 38 | 46.4 | 638 | 2 | 1 | 3 | 48 | 450 |
| L16W 1+00N | 1.3 | 29090 | 378 | 7 | 101 | 1.2 | 4 | 650 | .1 | 22 | 83 | 48150 | 3440 | 33 | 4540 | 1760 | 1 | 100 | 64 | 770 | 685 | 5 | 9 | 3 | 200 | 58.6 | 933 | 2 | 1 | 2 | 32 | 170 |
| L16W 0+75N | .3 | 22060 | 402 | 6 | 71 | .9 | 2 | 630 | .1 | 19 | 100 | 55650 | 2450 | 30 | 3530 | 703 | 5 | 110 | 22 | 850 | 85 | 11 | 6 | 2 | 127 | 56.3 | 375 | 2 | 1 | 2 | 25 | 550 |
| L16W 0+50N | 1.9 | 17910 | 173 | 4 | 72 | .9 | 2 | 1300 | .1 | 28 | 107 | 57750 | 1730 | 20 | 4820 | 816 | 6 | 110 | 37 | 1120 | 65 | 3 | 6 | 2 | 133 | 54.1 | 331 | 2 | 1 | 2 | 25 | 100 |
| L16W 0+25N | .5 | 24770 | 423 | 4 | 159 | 1.3 | 2 | 2200 | .1 | 16 | 57 | 38650 | 1950 | 33 | 5300 | 760 | 2 | 130 | 36 | 670 | 128 | 11 | 10 | 1 | 196 | 65.2 | 227 | 2 | 1 | 2 | 28 | 80 |
| L16W B/L | .1 | 23910 | 332 | 4 | 165 | .9 | 2 | 3490 | .1 | 22 | 68 | 36930 | 2080 | 27 | 6870 | 852 | 2 | 140 | 49 | 440 | 82 | 10 | 12 | 1 | 388 | 68.3 | 181 | 1 | 1 | 1 | 27 | 50 |
| L16W 0+25S | .4 | 23320 | 134 | 4 | 259 | .9 | 4 | 6840 | .1 | 39 | 80 | 59020 | 1930 | 21 | 12280 | 1549 | 1 | 530 | 101 | 1470 | 35 | 7 | 24 | 1 | 707 | 91.1 | 421 | 1 | 1 | 3 | 33 | 20 |
| L16W 0+50S | .2 | 27860 | 285 | 3 | 146 | .9 | 2 | 2750 | .1 | 11 | 50 | 33610 | 2040 | 28 | 6980 | 555 | 1 | 140 | 27 | 880 | 43 | 6 | 9 | 1 | 204 | 77.4 | 149 | 2 | 1 | 2 | 30 | 10 |
| L16W 0+75S | .1 | 17330 | 553 | 2 | 227 | .7 | 1 | 4360 | .1 | 27 | 88 | 56990 | 2370 | 13 | 1630 | 1356 | 4 | 150 | 61 | 1520 | 28 | 13 | 20 | 1 | 25 | 47.6 | 383 | 1 | 1 | 1 | 10 | 5 |
| L16W 1+00S | .1 | 25250 | 271 | 1 | 153 | 1.0 | 1 | 2540 | .1 | 10 | 46 | 34630 | 2200 | 25 | 5880 | 529 | 1 | 110 | 21 | 1420 | 31 | 1 | 10 | 1 | 170 | 75.1 | 177 | 2 | 1 | 2 | 28 | 30 |
| L16W 1+25S | .2 | 28040 | 343 | 3 | 106 | .9 | 2 | 2550 | .1 | 15 | 62 | 37530 | 1810 | 43 | 7910 | 559 | 1 | 120 | 38 | 560 | 49 | 1 | 6 | 1 | 392 | 77.0 | 159 | 1 | 1 | 2 | 29 | 30 |
| L16W 1+50S | 1.9 | 31070 | 363 | 3 | 89 | 1.2 | 3 | 4500 | .1 | 32 | 218 | 44730 | 2130 | 37 | 7530 | 2693 | 2 | 140 | 94 | 1620 | 409 | 5 | 10 | 1 | 391 | 74.3 | 536 | 1 | 1 | 2 | 27 | 45 |
| L16W 1+75S | .1 | 37180 | 399 | 3 | 157 | 1.9 | 2 | 4910 | .1 | 45 | 133 | 52370 | 2400 | 64 | 11030 | 3873 | 1 | 90 | 101 | 1210 | 32 | 1 | 8 | 1 | 208 | 85.2 | 441 | 1 | 1 | 1 | 28 | 65 |
| L16W 2+00S | .1 | 30660 | 212 | 2 | 129 | 1.1 | 1 | 3490 | .1 | 21 | 74 | 43290 | 2400 | 39 | 7020 | 1938 | 1 | 110 | 26 | 1140 | 47 | 1 | 8 | 1 | 247 | 80.2 | 186 | 1 | 1 | 2 | 26 | 40 |
| L16W 2+25S | .1 | 17900 | 196 | 2 | 261 | .9 | 1 | 6960 | .1 | 23 | 53 | 46710 | 2210 | 18 | 3970 | 4527 | 5 | 1040 | 18 | 2570 | 95 | 2 | 20 | 1 | 94 | 71.5 | 243 | 1 | 1 | 2 | 19 | 50 |
| L16W 2+50S | 1.0 | 26160 | 292 | 4 | 270 | 1.3 | 3 | 4720 | .1 | 22 | 92 | 52260 | 2210 | 26 | 6880 | 2040 | 2 | 110 | 26 | 1420 | 56 | 2 | 10 | 1 | 238 | 95.7 | 210 | 1 | 1 | 2 | 32 | 10 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0152-SJ1+2
DATE: 91/07/24
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L6W 1+25N | 1.4 | 53040 | 118 | 10 | 60 | 1.6 | 4 | 22900 | .1 | 29 | 82 | 34970 | 3730 | 28 | 12140 | 1686 | 1 | 380 | 76 | 600 | 13 | 1 | 71 | 1 | 399 | 67.9 | 124 | 4 | 1 | 2 | 32 | 15 |
| L6W 1+00N | .8 | 39420 | 216 | 14 | 179 | 2.0 | 4 | 11490 | .1 | 38 | 107 | 52700 | 2480 | 62 | 20260 | 1993 | 1 | 170 | 169 | 930 | 41 | 1 | 91 | 1 | 568 | 112.6 | 350 | 1 | 1 | 4 | 76 | 5 |
| L6W 0+75N | 2.2 | 29460 | 1894 | 8 | 156 | 1.4 | 25 | 7770 | .1 | 25 | 379 | 70920 | 3480 | 26 | 5410 | 1116 | 4 | 140 | 44 | 690 | 40 | 63 | 34 | 1 | 78 | 62.4 | 112 | 1 | 1 | 2 | 30 | 440 |
| L6W 0+50N | .5 | 25860 | 287 | 6 | 147 | 1.5 | 4 | 6670 | .1 | 21 | 85 | 41110 | 2230 | 30 | 7680 | 848 | 1 | 160 | 50 | 690 | 18 | 7 | 33 | 1 | 349 | 78.7 | 106 | 2 | 1 | 3 | 41 | 95 |
| L6W 0+25N | .2 | 26160 | 139 | 5 | 179 | 1.3 | 3 | 5880 | .1 | 18 | 74 | 38830 | 1590 | 34 | 8710 | 732 | 1 | 150 | 52 | 330 | 10 | 1 | 28 | 1 | 433 | 80.4 | 110 | 2 | 1 | 2 | 38 | 35 |
| L6W B/L | .7 | 22210 | 690 | 5 | 150 | 1.2 | 3 | 5590 | .1 | 18 | 70 | 38850 | 2250 | 31 | 6230 | 617 | 1 | 140 | 38 | 530 | 233 | 86 | 47 | 1 | 219 | 56.6 | 159 | 2 | 1 | 2 | 27 | 140 |
| L6W 0+25S | .5 | 20190 | 517 | 4 | 153 | 1.4 | 3 | 5220 | .1 | 27 | 63 | 36480 | 2000 | 28 | 5320 | 726 | 1 | 110 | 44 | 490 | 105 | 47 | 33 | 1 | 146 | 55.8 | 213 | 2 | 1 | 2 | 25 | 40 |
| L6W 0+50S | .4 | 23850 | 1113 | 5 | 197 | 1.4 | 2 | 4900 | .1 | 18 | 66 | 44290 | 2300 | 27 | 6020 | 740 | 1 | 130 | 33 | 640 | 168 | 70 | 40 | 1 | 177 | 61.0 | 355 | 2 | 1 | 2 | 27 | 100 |
| L6W 0+75S | 1.2 | 25930 | 1024 | 4 | 223 | 1.6 | 3 | 5240 | .1 | 16 | 79 | 40570 | 2600 | 29 | 5190 | 714 | 3 | 120 | 26 | 1110 | 237 | 90 | 45 | 1 | 100 | 57.2 | 295 | 2 | 1 | 2 | 26 | 50 |
| L6W 1+00S | .5 | 9720 | 802 | 1 | 163 | 1.0 | 2 | 4080 | .1 | 14 | 51 | 31200 | 1340 | 14 | 2820 | 741 | 12 | 60 | 17 | 330 | 37 | 32 | 22 | 1 | 82 | 30.2 | 89 | 1 | 1 | 1 | 13 | 95 |
| L6W 1+25S | 2.4 | 20390 | 564 | 4 | 211 | 1.4 | 3 | 5980 | .1 | 15 | 57 | 36340 | 2190 | 31 | 5390 | 715 | 5 | 150 | 30 | 610 | 53 | 23 | 27 | 1 | 141 | 48.3 | 149 | 2 | 1 | 2 | 23 | 35 |
| L6W 1+50S | .5 | 21890 | 358 | 3 | 161 | 1.3 | 3 | 4630 | .1 | 10 | 47 | 29070 | 2390 | 35 | 4690 | 519 | 2 | 90 | 21 | 560 | 22 | 12 | 21 | 1 | 126 | 37.0 | 76 | 3 | 1 | 1 | 17 | 30 |
| L6W 1+75S | .4 | 20800 | 477 | 3 | 143 | 1.2 | 4 | 4510 | .1 | 14 | 57 | 34520 | 2100 | 33 | 5530 | 716 | 2 | 110 | 32 | 420 | 67 | 37 | 15 | 1 | 242 | 53.7 | 88 | 3 | 1 | 2 | 24 | 260 |
| L6W 2+00S | .8 | 19330 | 1423 | 4 | 348 | 1.2 | 8 | 3720 | .1 | 23 | 184 | 52550 | 2110 | 24 | 5380 | 941 | 5 | 80 | 31 | 620 | 60 | 83 | 18 | 1 | 183 | 75.1 | 118 | 1 | 1 | 2 | 26 | 265 |
| L6W 2+25S | .9 | 20600 | 732 | 5 | 184 | 1.3 | 5 | 8640 | .1 | 58 | 157 | 51650 | 1980 | 23 | 7350 | 1105 | 1 | 120 | 53 | 500 | 69 | 44 | 12 | 1 | 387 | 84.3 | 134 | 1 | 1 | 3 | 32 | 310 |
| L5W 1+50N | .5 | 35490 | 440 | 7 | 175 | 1.7 | 7 | 9260 | .1 | 41 | 130 | 69780 | 1930 | 33 | 18610 | 2500 | 1 | 250 | 71 | 900 | 9 | 3 | 62 | 1 | 789 | 120.3 | 609 | 1 | 2 | 3 | 45 | 50 |
| L5W 1+25N | .4 | 34450 | 408 | 8 | 140 | 1.8 | 6 | 5500 | .1 | 44 | 149 | 50500 | 2670 | 48 | 7890 | 1490 | 1 | 190 | 103 | 690 | 19 | 6 | 25 | 1 | 195 | 84.4 | 155 | 3 | 1 | 3 | 44 | 125 |
| L5W 1+00N | .5 | 37190 | 845 | 5 | 162 | 1.8 | 6 | 5490 | .1 | 40 | 208 | 60450 | 2880 | 42 | 8340 | 1699 | 1 | 120 | 91 | 600 | 14 | 7 | 29 | 1 | 142 | 88.4 | 202 | 3 | 1 | 3 | 40 | 340 |
| L5W 0+75N | .1 | 74620 | 1706 | 15 | 241 | 2.2 | 18 | 3710 | .1 | 31 | 352 | 142860 | 2400 | 35 | 9100 | 905 | 1 | 390 | 62 | 860 | 1 | 1 | 110 | 1 | 597 | 103.5 | 182 | 1 | 1 | 2 | 36 | 505 |
| L5W 0+50N | .4 | 35200 | 510 | 6 | 147 | 1.9 | 5 | 6480 | .1 | 37 | 143 | 52990 | 2350 | 43 | 8180 | 1762 | 1 | 190 | 88 | 800 | 23 | 7 | 29 | 1 | 262 | 87.7 | 118 | 2 | 1 | 3 | 48 | 85 |
| L5W B/L | 2.3 | 23490 | 1434 | 3 | 90 | 1.2 | 3 | 3980 | .1 | 25 | 139 | 55140 | 1740 | 21 | 3550 | 785 | 2 | 110 | 24 | 570 | 289 | 106 | 59 | 1 | 61 | 45.4 | 318 | 1 | 1 | 1 | 20 | 200 |
| L3W 2+50N | 1.1 | 25720 | 83 | 5 | 297 | 1.5 | 4 | 8520 | .1 | 24 | 84 | 36480 | 1400 | 38 | 17380 | 1202 | 1 | 140 | 158 | 910 | 15 | 1 | 43 | 1 | 475 | 90.2 | 293 | 2 | 1 | 5 | 104 | 5 |
| L3W 2+25N | .4 | 32540 | 65 | 5 | 149 | 1.4 | 5 | 9020 | .1 | 27 | 78 | 42310 | 1430 | 41 | 15170 | 1521 | 1 | 130 | 76 | 870 | 13 | 1 | 60 | 1 | 535 | 95.9 | 182 | 2 | 1 | 4 | 67 | 30 |
| L3W 1+75N | .5 | 27020 | 104 | 4 | 166 | 1.1 | 5 | 8420 | .1 | 19 | 58 | 37270 | 1190 | 31 | 10740 | 1049 | 1 | 230 | 61 | 1060 | 13 | 1 | 57 | 1 | 683 | 84.2 | 147 | 3 | 1 | 3 | 48 | 5 |
| L3W 1+50N | .5 | 21780 | 258 | 5 | 275 | 1.4 | 4 | 10510 | .1 | 20 | 79 | 45650 | 2430 | 23 | 9360 | 1063 | 1 | 370 | 59 | 1320 | 21 | 2 | 43 | 1 | 509 | 89.2 | 188 | 2 | 1 | 3 | 41 | 5 |
| L3W 1+25N | .1 | 17510 | 1152 | 4 | 209 | 1.4 | 3 | 5530 | .1 | 35 | 70 | 51790 | 2450 | 26 | 5020 | 1363 | 2 | 110 | 143 | 800 | 17 | 24 | 34 | 1 | 156 | 44.7 | 124 | 1 | 1 | 2 | 29 | 90 |
| L3W 1+00N | .1 | 24100 | 675 | 3 | 146 | 1.5 | 2 | 3000 | .1 | 27 | 51 | 39520 | 2410 | 32 | 5640 | 907 | 2 | 90 | 81 | 790 | 9 | 6 | 18 | 1 | 95 | 46.6 | 86 | 1 | 1 | 2 | 28 | 85 |
| L3W 0+75N | .1 | 35630 | 393 | 6 | 91 | 2.4 | 2 | 4880 | .1 | 37 | 54 | 52740 | 3660 | 58 | 5590 | 1257 | 2 | 130 | 104 | 350 | 2 | 1 | 29 | 1 | 165 | 73.2 | 72 | 1 | 1 | 2 | 35 | 45 |
| L3W 0+50N | .1 | 19950 | 974 | 2 | 87 | 1.7 | 1 | 4230 | .1 | 11 | 81 | 35390 | 3160 | 15 | 4190 | 182 | 1 | 180 | 23 | 380 | 8 | 13 | 37 | 1 | 12 | 21.8 | 48 | 1 | 1 | 1 | 24 | 230 |
| L3W 0+25N | .1 | 23390 | 908 | 10 | 77 | 2.2 | 2 | 4950 | .1 | 70 | 69 | 52900 | 2790 | 19 | 3020 | 1728 | 2 | 70 | 77 | 430 | 7 | 27 | 38 | 1 | 42 | 54.3 | 57 | 2 | 1 | 2 | 30 | 80 |
| L3W B/L | 1.0 | 20580 | 580 | 8 | 86 | 1.6 | 3 | 5390 | .1 | 18 | 61 | 35610 | 2580 | 23 | 4120 | 594 | 4 | 130 | 46 | 500 | 28 | 21 | 43 | 1 | 66 | 38.3 | 103 | 4 | 1 | 2 | 30 | 140 |
| L3W 0+25S | 1.2 | 25480 | 618 | 7 | 123 | 1.7 | 4 | 6160 | .1 | 16 | 53 | 39310 | 2610 | 31 | 5440 | 484 | 3 | 110 | 46 | 720 | 74 | 20 | 45 | 1 | 148 | 56.4 | 142 | 5 | 1 | 3 | 41 | 185 |
| L3W 0+50S | .7 | 22950 | 447 | 5 | 110 | 1.3 | 3 | 4530 | .1 | 13 | 53 | 33220 | 2550 | 30 | 4920 | 395 | 3 | 120 | 44 | 680 | 27 | 13 | 27 | 1 | 172 | 52.8 | 80 | 4 | 1 | 2 | 39 | 110 |
| L3W 1+25S | .5 | 24890 | 1089 | 5 | 148 | 1.2 | 4 | 3150 | .1 | 25 | 114 | 49480 | 1820 | 35 | 5720 | 1446 | 9 | 100 | 49 | 970 | 41 | 32 | 16 | 1 | 202 | 68.9 | 154 | 1 | 1 | 3 | 36 | 160 |
| L3W 1+75S | .8 | 27420 | 598 | 5 | 196 | 1.3 | 5 | 5440 | .1 | 17 | 65 | 43520 | 1490 | 24 | 6170 | 1101 | 3 | 90 | 30 | 1800 | 30 | 5 | 18 | 1 | 316 | 81.4 | 157 | 4 | 2 | 3 | 40 | 35 |
| L3W 2+00S | .8 | 25120 | 588 | 5 | 193 | 1.3 | 6 | 6150 | .1 | 19 | 91 | 44340 | 1500 | 33 | 8430 | 896 | 1 | 120 | 43 | 1360 | 25 | 5 | 17 | 1 | 432 | 97.8 | 157 | 4 | 1 | 4 | 46 | 20 |
| L3W 2+25S | .3 | 23780 | 465 | 4 | 114 | 1.0 | 4 | 2020 | .1 | 17 | 57 | 42220 | 1210 | 20 | 4230 | 990 | 3 | 70 | 21 | 1230 | 37 | 12 | 11 | 1 | 247 | 83.6 | 104 | 4 | 1 | 3 | 32 | 170 |
| L3W 2+50S | .4 | 24540 | 703 | 6 | 209 | 1.5 | 7 | 3340 | .1 | 24 | 97 | 65780 | 1740 | 31 | 5680 | 1905 | 4 | 70 | 33 | 1630 | 41 | 19 | 14 | 1 | 209 | 92.2 | 182 | 2 | 1 | 4 | 49 | 145 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0153-SJ1+2
DATE: 91/07/24
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L13+00W 1+00N | 3.8 | 33010 | 574 | 9 | 237 | .9 | 7 | 1850 | .1 | 13 | 359 | 88350 | 1500 | 17 | 9940 | 317 | 1 | 110 | 1 | 1060 | 255 | 22 | 13 | 1 | 472 | 98.8 | 339 | 1 | 1 | 4 | 72 | 860 |
| L13+00W 0+75N | 6.3 | 29760 | 395 | 9 | 116 | .8 | 5 | 420 | .1 | 16 | 282 | 99800 | 3070 | 17 | 10260 | 631 | 1 | 110 | 1 | 1360 | 350 | 14 | 15 | 1 | 651 | 103.3 | 255 | 1 | 5 | 3 | 49 | 635 |
| L13+00W 0+50N | 3.1 | 17830 | 419 | 5 | 110 | .7 | 2 | 40 | .1 | 6 | 113 | 55330 | 4170 | 11 | 2880 | 89 | 3 | 90 | 1 | 690 | 124 | 16 | 36 | 1 | 61 | 43.2 | 101 | 1 | 1 | 1 | 22 | 490 |
| L13+00W 0+25N | 2.3 | 18240 | 823 | 5 | 124 | .9 | 4 | 310 | .1 | 8 | 150 | 69860 | 2840 | 13 | 3210 | 89 | 5 | 60 | 1 | 980 | 147 | 22 | 24 | 1 | 85 | 50.9 | 168 | 1 | 1 | 2 | 30 | 440 |
| L13+00W B/L | 1.5 | 10800 | 697 | 6 | 96 | 1.0 | 2 | 750 | .1 | 25 | 98 | 54620 | 1760 | 17 | 1740 | 529 | 7 | 50 | 9 | 600 | 139 | 25 | 12 | 1 | 42 | 32.2 | 127 | 1 | 1 | 1 | 15 | 180 |
| L13+00W 0+25S | .6 | 12240 | 583 | 2 | 367 | 1.0 | 1 | 3350 | .1 | 17 | 65 | 40980 | 1930 | 18 | 3500 | 820 | 8 | 70 | 28 | 830 | 110 | 15 | 24 | 1 | 90 | 48.8 | 178 | 1 | 1 | 2 | 20 | 600 |
| L13+00W 0+50S | .6 | 14130 | 456 | 2 | 214 | 1.2 | 3 | 3300 | .1 | 19 | 59 | 44620 | 1650 | 17 | 3840 | 1068 | 4 | 60 | 28 | 1210 | 66 | 11 | 19 | 1 | 79 | 48.8 | 147 | 2 | 1 | 2 | 20 | 295 |
| L13+00W 0+75S | .7 | 11220 | 210 | 1 | 172 | 1.4 | 1 | 5940 | .1 | 19 | 58 | 41770 | 1320 | 10 | 2440 | 1545 | 3 | 40 | 18 | 1330 | 23 | 12 | 17 | 1 | 38 | 39.5 | 122 | 1 | 1 | 1 | 12 | 40 |
| L13+00W 1+00S | .6 | 10730 | 409 | 1 | 156 | 1.3 | 2 | 2480 | .1 | 14 | 43 | 34240 | 1240 | 28 | 3590 | 1126 | 3 | 40 | 20 | 500 | 193 | 8 | 9 | 1 | 66 | 32.6 | 412 | 1 | 1 | 1 | 14 | 65 |
| L13+00W 1+75S | .1 | 15820 | 429 | 6 | 583 | 1.6 | 2 | 5020 | .1 | 31 | 50 | 135670 | 1040 | 28 | 4510 | 7202 | 1 | 40 | 51 | 1230 | 107 | 13 | 8 | 1 | 79 | 85.0 | 431 | 1 | 1 | 2 | 15 | 40 |
| L13+00W 2+00S | 35.0 | 9280 | 2268 | 1 | 491 | 1.2 | 3 | 8600 | .1 | 17 | 79 | 54780 | 1240 | 14 | 2280 | 1893 | 9 | 30 | 6 | 2650 | 3869 | 47 | 17 | 1 | 48 | 40.2 | 741 | 1 | 1 | 1 | 8 | 260 |
| L13+00W 2+25S | 1.5 | 16790 | 862 | 3 | 445 | 1.5 | 4 | 7410 | .1 | 25 | 74 | 66700 | 1270 | 25 | 5520 | 3912 | 2 | 90 | 45 | 2010 | 210 | 13 | 22 | 1 | 225 | 81.0 | 850 | 1 | 1 | 2 | 25 | 100 |
| L13+00W 2+50S | .9 | 22950 | 474 | 2 | 515 | 1.8 | 3 | 8510 | .1 | 26 | 62 | 49930 | 1300 | 26 | 6800 | 1689 | 1 | 120 | 36 | 1910 | 69 | 8 | 20 | 1 | 475 | 91.4 | 217 | 1 | 1 | 3 | 34 | 45 |
| L12+50W 0+75N | 5.4 | 23210 | 506 | 5 | 55 | .9 | 1 | 590 | .1 | 15 | 351 | 97690 | 1830 | 17 | 6030 | 403 | 1 | 40 | 1 | 990 | 346 | 12 | 6 | 1 | 133 | 67.8 | 413 | 1 | 1 | 1 | 26 | 980 |
| L12+50W 0+50N | 2.9 | 16660 | 636 | 3 | 134 | .8 | 4 | 1020 | .1 | 8 | 89 | 43230 | 2660 | 13 | 2860 | 215 | 2 | 50 | 3 | 740 | 311 | 61 | 25 | 1 | 50 | 41.2 | 116 | 2 | 1 | 2 | 24 | 730 |
| L12+50W 0+25N | 2.3 | 12070 | 1471 | 3 | 238 | 1.5 | 3 | 3970 | .1 | 47 | 174 | 54070 | 4540 | 17 | 2700 | 1143 | 20 | 140 | 35 | 1040 | 369 | 59 | 53 | 1 | 70 | 38.9 | 239 | 1 | 1 | 1 | 17 | 390 |
| L12+50W B/L | 1.2 | 8980 | 1085 | 1 | 191 | .8 | 2 | 2200 | .1 | 9 | 73 | 40810 | 4120 | 13 | 970 | 128 | 9 | 110 | 1 | 640 | 189 | 29 | 41 | 1 | 30 | 23.5 | 87 | 1 | 1 | 1 | 10 | 620 |
| L12+00W 1+00N | 6.4 | 35290 | 567 | 10 | 68 | 1.1 | 3 | 2700 | .1 | 18 | 147 | 96020 | 1780 | 20 | 7110 | 890 | 5 | 70 | 1 | 860 | 708 | 28 | 8 | 1 | 196 | 67.2 | 359 | 1 | 1 | 2 | 40 | 220 |
| L12+00W 0+75N | 3.3 | 24510 | 843 | 5 | 126 | 1.0 | 3 | 5770 | .1 | 15 | 77 | 46340 | 3450 | 23 | 4900 | 712 | 1 | 80 | 18 | 670 | 480 | 76 | 47 | 1 | 57 | 54.5 | 205 | 1 | 1 | 1 | 28 | 670 |
| L12+00W 0+50N | 4.5 | 24190 | 719 | 29 | 214 | 1.2 | 3 | 13210 | .1 | 34 | 121 | 65030 | 1920 | 32 | 16080 | 1618 | 1 | 230 | 70 | 1750 | 366 | 1 | 47 | 1 | 484 | 101.5 | 652 | 1 | 1 | 3 | 44 | 75 |
| L12+00W 0+25N | .9 | 6210 | 1293 | 2 | 64 | .6 | 1 | 5080 | .1 | 11 | 38 | 68740 | 6540 | 4 | 610 | 155 | 6 | 170 | 1 | 720 | 162 | 71 | 40 | 1 | 11 | 19.3 | 112 | 1 | 1 | 1 | 6 | 760 |
| L12+00W B/L | .5 | 19940 | 1038 | 2 | 184 | 1.6 | 2 | 5180 | .1 | 28 | 89 | 66740 | 2940 | 28 | 6280 | 895 | 3 | 120 | 49 | 1490 | 107 | 10 | 29 | 1 | 100 | 62.1 | 242 | 1 | 1 | 2 | 29 | 85 |
| L12+00W 0+25S | .2 | 14830 | 1422 | 1 | 133 | .9 | 1 | 2020 | .1 | 20 | 104 | 61650 | 3400 | 23 | 2420 | 669 | 5 | 100 | 25 | 880 | 54 | 18 | 38 | 1 | 24 | 33.8 | 234 | 1 | 1 | 1 | 13 | 200 |
| L12+00W 0+50S | .6 | 15040 | 564 | 2 | 172 | 1.4 | 4 | 4800 | .1 | 21 | 80 | 51890 | 1910 | 23 | 4420 | 1027 | 5 | 100 | 32 | 1600 | 50 | 10 | 24 | 1 | 226 | 68.4 | 229 | 1 | 1 | 2 | 31 | 185 |
| L12+00W 0+75S | 1.0 | 17690 | 1024 | 1 | 137 | 1.2 | 2 | 2750 | .1 | 22 | 99 | 52120 | 2260 | 31 | 4770 | 1074 | 2 | 100 | 33 | 910 | 61 | 19 | 27 | 1 | 96 | 49.8 | 233 | 1 | 1 | 1 | 21 | 275 |
| L12+00W 1+00S | 1.5 | 25020 | 735 | 2 | 103 | 1.6 | 3 | 1770 | .1 | 40 | 171 | 56040 | 1910 | 55 | 5720 | 2352 | 4 | 90 | 44 | 1020 | 63 | 8 | 15 | 1 | 116 | 54.6 | 372 | 1 | 1 | 2 | 25 | 115 |
| L12+00W 1+75S | 24.6 | 27950 | 916 | 7 | 87 | 2.3 | 14 | 5440 | .1 | 32 | 873 | 57820 | 3150 | 26 | 10230 | 3835 | 11 | 100 | 73 | 900 | 9031 | 45 | 11 | 1 | 168 | 70.5 | 2910 | 1 | 2 | 4 | 40 | 75 |
| L12+00W 2+00S | 1.4 | 28710 | 558 | 4 | 149 | 1.4 | 5 | 6840 | .1 | 19 | 72 | 46510 | 1950 | 33 | 7940 | 1148 | 1 | 170 | 36 | 1000 | 225 | 11 | 18 | 1 | 535 | 89.8 | 479 | 2 | 1 | 3 | 35 | 70 |
| L12+00W 2+25S | 1.5 | 23770 | 399 | 3 | 353 | 2.0 | 4 | 6990 | .1 | 18 | 48 | 56950 | 1660 | 35 | 4450 | 2623 | 2 | 60 | 48 | 1530 | 74 | 9 | 12 | 1 | 119 | 75.7 | 204 | 1 | 1 | 2 | 32 | 60 |
| L12+00W 2+50S | 3.0 | 17480 | 825 | 4 | 545 | 2.0 | 3 | 6320 | .1 | 36 | 91 | 90830 | 1930 | 30 | 5720 | 7278 | 2 | 60 | 52 | 1490 | 825 | 24 | 14 | 1 | 195 | 98.4 | 715 | 1 | 1 | 3 | 24 | 65 |
| L8+00W 0+75N | .9 | 39600 | 296 | 7 | 171 | 2.2 | 3 | 9190 | .1 | 35 | 110 | 59850 | 2100 | 63 | 13050 | 1947 | 1 | 130 | 125 | 720 | 29 | 1 | 76 | 1 | 282 | 104.7 | 311 | 2 | 1 | 4 | 58 | 50 |
| L8+00W 0+50N | .2 | 41470 | 189 | 12 | 132 | 1.7 | 2 | 7720 | .1 | 37 | 114 | 54650 | 2420 | 49 | 10770 | 1588 | 1 | 120 | 86 | 620 | 11 | 1 | 82 | 1 | 281 | 89.4 | 194 | 2 | 1 | 3 | 45 | 45 |
| L8+00W 0+25N | .5 | 43140 | 330 | 10 | 85 | 1.9 | 3 | 4470 | .1 | 38 | 151 | 57680 | 2670 | 31 | 8000 | 1645 | 1 | 110 | 69 | 700 | 23 | 1 | 27 | 1 | 141 | 82.1 | 135 | 2 | 1 | 2 | 40 | 125 |
| L8+00W B/L | .1 | 16810 | 1364 | 6 | 216 | 1.4 | 1 | 5140 | .1 | 21 | 74 | 65760 | 4370 | 13 | 1660 | 865 | 3 | 190 | 9 | 690 | 18 | 25 | 70 | 1 | 21 | 44.1 | 159 | 1 | 1 | 1 | 16 | 80 |
| L8+00W 0+25S | .8 | 32500 | 923 | 9 | 171 | 1.7 | 4 | 5940 | .1 | 35 | 143 | 55060 | 3020 | 40 | 4250 | 1056 | 4 | 150 | 33 | 870 | 41 | 16 | 41 | 1 | 90 | 64.0 | 189 | 3 | 1 | 2 | 28 | 65 |
| L8+00W 0+50S | 1.9 | 7250 | 2914 | 6 | 212 | 1.3 | 2 | 4270 | .1 | 21 | 170 | 73070 | 3980 | 11 | 920 | 637 | 82 | 120 | 4 | 210 | 56 | 97 | 92 | 1 | 17 | 24.3 | 106 | 1 | 1 | 1 | 8 | 105 |
| L8+00W 0+75S | .9 | 15730 | 1145 | 5 | 116 | 1.6 | 3 | 3890 | .1 | 26 | 119 | 53770 | 1840 | 31 | 3060 | 1255 | 11 | 100 | 27 | 570 | 50 | 31 | 22 | 1 | 68 | 40.4 | 192 | 2 | 1 | 2 | 18 | 100 |
| L8+00W 1+00S | 1.3 | 14490 | 989 | 3 | 97 | 1.3 | 3 | 3680 | .1 | 18 | 72 | 39250 | 2200 | 31 | 2350 | 1393 | 7 | 80 | 18 | 390 | 30 | 20 | 13 | 1 | 42 | 27.0 | 288 | 3 | 1 | 1 | 12 | 70 |
| L8+00W 1+25S | 1.3 | 25260 | 966 | 6 | 149 | 1.9 | 4 | 6540 | .1 | 25 | 93 | 46920 | 2370 | 37 | 4970 | 1208 | 4 | 120 | 42 | 660 | 79 | 16 | 26 | 1 | 104 | 54.1 | 329 | 4 | 1 | 2 | 28 | 45 |
| L7+00W 0+75N | 1.8 | 45230 | 176 | 9 | 187 | 1.6 | 6 | 16940 | .1 | 40 | 110 | 49120 | 2380 | 50 | 14950 | 1650 | 1 | 260 | 91 | 900 | 33 | 1 | 128 | 1 | 427 | 106.5 | 220 | 5 | 1 | 3 | 47 | 10 |
| L7+00W 0+50N | 1.2 | 41730 | 361 | 9 | 140 | 2.0 | 5 | 10220 | .1 | 28 | 119 | 58560 | 3230 | 66 | 8980 | 970 | 2 | 190 | 68 | 850 | 30 | 16 | 56 | 2 | 209 | 89.9 | 203 | 5 | 1 | 3 | 49 | 50 |
| L7+00W 0+25N | .7 | 42520 | 218 | 9 | 116 | 1.7 | 4 | 9260 | .1 | 34 | 133 | 54030 | 2860 | 56 | 9040 | 1084 | 1 | 170 | 73 | 610 | 11 | 2 | 45 | 1 | 226 | 80.9 | 162 | 4 | 1 | 3 | 42 | 25 |
| L7+00W B/L | 1.0 | 35200 | 284 | 6 | 115 | 1.9 | 4 | 8960 | .1 | 25 | 102 | 52330 | 2230 | 39 | 7500 | 831 | 1 | 200 | 57 | 670 | 16 | 4 | 45 | 1 | 147 | 74.0 | 120 | 5 | 1 | 3 | 40 | 95 |
| L7+00W 0+25S | 1.4 | 28400 | 600 | 5 | 126 | 1.6 | 4 | 7230 | .1 | 29 | 88 | 48950 | 2330 | 33 | 4880 | 650 | 1 | 160 | 33 | 700 | 145 | 53 | 43 | 1 | 114 | 60.0 | 196 | 4 | 1 | 2 | 28 | 80 |
| L7+00W 0+50S | 1.0 | 19490 | 945 | 4 | 163 | 1.6 | 4 | 6500 | .1 | 20 | 80 | 41810 | 2150 | 25 | 3560 | 665 | 1 | 120 | 30 | 890 | 63 | 33 | 25 | 1 | 105 | 46.5 | 147 | 3 | 1 | 2 | 22 | 135 |
| L7+00W 0+75S | 1.2 | 15030 | 651 | 2 | 155 | 1.4 | 3 | 5410 | .1 | 19 | 57 | 36430 | 1640 | 21 | 3050 | 645 | 3 | 100 | 24 | 670 | 82 | 37 | 26 | 1 | 73 | 42.6 | 121 | 3 | 1 | 2 | 20 | 75 |
| L7+00W 1+00S | .9 | 20040 | 667 | 2 | 162 | 1.4 | 3 | 5840 | .1 | 13 | 53 | 34750 | 2270 | 23 | 3100 | 505 | 2 | 110 | 18 | 870 | 113 | 48 | 34 | 1 | 55 | 44.3 | 110 | 3 | 1 | 1 | 20 | 60 |
| L7+00W 1+25S | 1.2 | 21910 | 910 | 3 | 170 | 1.4 | 3 | 5430 | .1 | 15 | 75 | 39690 | 2690 | 29 | 4050 | 557 | 3 | 130 | 27 | 480 | 158 | 65 | 31 | 1 | 116 | 49.1 | 150 | 3 | 1 | 2 | 22 | 150 |
| L7+00W 1+50S | 1.6 | 32030 | 1477 | 6 | 155 | 1.5 | 7 | 7010 | .1 | 48 | 367 | 71670 | 2890 | 38 | 7360 | 925 | 2 | 190 | 33 | 750 | 80 | 57 | 21 | 1 | 260 | 97.9 | 320 | 1 | 1 | 2 | 21 | 385 |
| L7+00W 1+75S | 1.5 | 28250 | 1558 | 6 | 135 | 1.4 | 7 | 6900 | .1 | 46 | 339 | 69800 | 2410 | 34 | 6270 | 914 | 1 | 140 | 36 | 680 | 66 | 41 | 18 | 1 | 227 | 75.3 | 370 | 1 | 1 | 2 | 22 | 410 |
| L7+00W 2+00S | 1.3 | 25890 | 1293 | 4 | 118 | 1.3 | 7 | 4630 | .1 | 43 | 286 | 67540 | 2190 | 31 | 6500 | 997 | 2 | 120 | 24 | 730 | 76 | 41 | 13 | 1 | 232 | 84.1 | 241 | 2 | 1 | 2 | 22 | 265 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0154-SJ1+2
DATE: 91/07/24
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L11W 1+00N | .8 | 27340 | 83 | 16 | 109 | 1.1 | 4 | 11600 | .1 | 39 | 92 | 60360 | 790 | 40 | 16040 | 2343 | 4 | 200 | 91 | 2030 | 68 | 1 | 79 | 4 | 411 | 104.5 | 263 | 1 | 1 | 4 | 52 | 35 |
| L11W 0+75N | 2.2 | 30700 | 375 | 11 | 173 | 1.0 | 4 | 11620 | .1 | 62 | 106 | 64700 | 1570 | 48 | 19650 | 3011 | 3 | 150 | 195 | 1310 | 247 | 4 | 51 | 1 | 598 | 99.5 | 583 | 1 | 1 | 4 | 59 | 30 |
| L11W 0+50N | 1.2 | 27270 | 327 | 8 | 105 | .9 | 3 | 8380 | .1 | 34 | 104 | 59750 | 1810 | 51 | 14830 | 1263 | 2 | 170 | 118 | 1360 | 146 | 5 | 30 | 2 | 345 | 86.7 | 496 | 3 | 1 | 3 | 48 | 40 |
| L11W 0+25N | .3 | 23210 | 1193 | 3 | 110 | .5 | 3 | 2700 | .1 | 54 | 95 | 58150 | 1520 | 36 | 8220 | 2441 | 6 | 130 | 95 | 980 | 247 | 15 | 14 | 1 | 63 | 50.7 | 531 | 1 | 1 | 2 | 26 | 15 |
| L11W B/L | .5 | 22330 | 1669 | 2 | 134 | .6 | 1 | 3350 | .1 | 42 | 118 | 66120 | 1250 | 41 | 9500 | 1879 | 4 | 100 | 97 | 1290 | 142 | 8 | 14 | 1 | 58 | 61.6 | 303 | 1 | 1 | 3 | 33 | 10 |
| L11W 0+25S | .3 | 14180 | 1291 | 1 | 124 | .5 | 1 | 1550 | .1 | 23 | 100 | 69570 | 3470 | 19 | 3180 | 837 | 3 | 230 | 26 | 1150 | 72 | 15 | 51 | 1 | 20 | 37.4 | 220 | 1 | 1 | 1 | 13 | 225 |
| L11W 0+50S | .1 | 17860 | 959 | 1 | 148 | .8 | 1 | 3700 | .1 | 30 | 110 | 60180 | 2790 | 28 | 4250 | 972 | 3 | 140 | 48 | 980 | 51 | 8 | 36 | 1 | 70 | 50.3 | 261 | 1 | 1 | 1 | 20 | 75 |
| L11W 1+25S | .9 | 18160 | 524 | 1 | 170 | 1.5 | 4 | 4020 | .8 | 28 | 116 | 60120 | 1420 | 39 | 3860 | 3331 | 2 | 150 | 43 | 1610 | 373 | 10 | 15 | 1 | 344 | 72.0 | 709 | 1 | 1 | 2 | 28 | 25 |
| L11W 1+50S | .3 | 21510 | 319 | 1 | 196 | .7 | 5 | 6320 | .1 | 22 | 77 | 50230 | 1500 | 25 | 7250 | 1148 | 1 | 320 | 43 | 1370 | 89 | 6 | 25 | 1 | 559 | 95.9 | 488 | 1 | 1 | 4 | 51 | 55 |
| L11W 1+75S | 4.2 | 25830 | 346 | 1 | 140 | .6 | 5 | 12220 | 31.7 | 33 | 87 | 58720 | 1140 | 26 | 12220 | 2838 | 2 | 510 | 46 | 2460 | 1012 | 7 | 36 | 1 | 710 | 125.0 | 2104 | 1 | 1 | 6 | 103 | 45 |
| L11W 2+00S | 1.0 | 24660 | 499 | 1 | 195 | 1.0 | 3 | 6900 | .1 | 18 | 156 | 42690 | 1990 | 35 | 7340 | 863 | 9 | 110 | 38 | 500 | 89 | 11 | 12 | 1 | 181 | 96.8 | 242 | 2 | 1 | 3 | 37 | 50 |
| L11W 2+25S | 1.5 | 23950 | 322 | 1 | 476 | .5 | 4 | 10680 | .1 | 43 | 356 | 73560 | 2110 | 29 | 9450 | 4424 | 1 | 160 | 32 | 830 | 81 | 5 | 12 | 1 | 173 | 193.0 | 220 | 1 | 1 | 5 | 52 | 25 |
| L10W 0+75N | .3 | 60250 | 244 | 10 | 147 | 1.0 | 4 | 16100 | .1 | 62 | 189 | 108660 | 2800 | 71 | 13790 | 1826 | 1 | 960 | 254 | 1000 | 62 | 10 | 379 | 1 | 658 | 73.5 | 1070 | 1 | 1 | 2 | 23 | 15 |
| L10W 0+50N | .2 | 36290 | 229 | 3 | 159 | 1.2 | 4 | 8260 | .1 | 34 | 102 | 49890 | 2030 | 49 | 11080 | 1605 | 1 | 240 | 96 | 730 | 43 | 1 | 44 | 1 | 535 | 96.8 | 265 | 2 | 1 | 4 | 48 | 5 |
| L10W 0+25N | .1 | 21640 | 165 | 1 | 100 | .9 | 2 | 5980 | .1 | 34 | 76 | 38210 | 1080 | 37 | 6040 | 1387 | 7 | 120 | 67 | 650 | 27 | 5 | 21 | 1 | 105 | 61.0 | 147 | 2 | 1 | 2 | 30 | 40 |
| L10W B/L | .1 | 23480 | 229 | 1 | 151 | 1.0 | 2 | 5780 | .1 | 34 | 63 | 40030 | 1410 | 57 | 4500 | 1746 | 5 | 90 | 76 | 600 | 44 | 3 | 15 | 1 | 43 | 48.8 | 217 | 1 | 1 | 2 | 22 | 10 |
| L10W 0+25S | .3 | 27580 | 302 | 1 | 137 | 1.5 | 3 | 3930 | .1 | 35 | 74 | 45790 | 2070 | 67 | 4850 | 1838 | 5 | 130 | 76 | 650 | 78 | 5 | 17 | 1 | 105 | 64.8 | 247 | 1 | 1 | 3 | 32 | 5 |
| L10W 0+50S | .7 | 23290 | 2239 | 1 | 230 | .7 | 4 | 2340 | .1 | 26 | 127 | 64430 | 4270 | 42 | 3020 | 861 | 4 | 160 | 36 | 1010 | 45 | 10 | 32 | 1 | 37 | 56.3 | 229 | 1 | 1 | 2 | 24 | 120 |
| L10W 0+75S | .4 | 21400 | 730 | 1 | 164 | .8 | 4 | 8430 | .1 | 22 | 52 | 48310 | 2010 | 29 | 4190 | 961 | 1 | 790 | 32 | 1650 | 28 | 3 | 46 | 1 | 547 | 94.8 | 186 | 1 | 1 | 4 | 62 | 110 |
| L10W 1+25S | .1 | 22930 | 296 | 1 | 123 | .9 | 3 | 3030 | .1 | 14 | 45 | 36290 | 1330 | 27 | 6110 | 630 | 1 | 100 | 36 | 600 | 31 | 4 | 14 | 1 | 277 | 62.7 | 94 | 3 | 1 | 2 | 28 | 45 |
| L10W 1+50S | .8 | 12220 | 720 | 1 | 117 | .8 | 2 | 3180 | .1 | 18 | 81 | 38340 | 1380 | 18 | 3590 | 1141 | 3 | 60 | 33 | 470 | 169 | 16 | 11 | 1 | 158 | 39.5 | 362 | 1 | 1 | 2 | 15 | 115 |
| L9W 1+00N | .3 | 36470 | 235 | 1 | 152 | 1.2 | 2 | 11990 | .1 | 37 | 101 | 53140 | 1420 | 64 | 18130 | 2807 | 1 | 170 | 96 | 710 | 52 | 2 | 84 | 1 | 92 | 74.8 | 406 | 2 | 1 | 3 | 38 | 10 |
| L9W 0+75N | .2 | 35170 | 325 | 3 | 172 | 1.3 | 3 | 10650 | .1 | 31 | 102 | 56260 | 1590 | 53 | 16190 | 2299 | 1 | 180 | 90 | 1010 | 45 | 3 | 56 | 1 | 352 | 92.6 | 510 | 2 | 1 | 3 | 43 | 5 |
| L9W 0+50N | .2 | 29490 | 204 | 1 | 97 | 1.3 | 3 | 7740 | 1.0 | 26 | 85 | 37990 | 1210 | 36 | 8620 | 1505 | 1 | 100 | 69 | 650 | 23 | 2 | 28 | 1 | 51 | 63.2 | 356 | 3 | 1 | 2 | 32 | 20 |
| L9W 0+25N | .1 | 31430 | 532 | 1 | 169 | 1.4 | 3 | 7980 | .1 | 29 | 95 | 44530 | 1510 | 37 | 8890 | 2006 | 1 | 130 | 78 | 690 | 31 | 5 | 24 | 1 | 90 | 73.5 | 203 | 2 | 1 | 3 | 38 | 30 |
| L9W B/L | .8 | 21270 | 1007 | 1 | 162 | .8 | 4 | 6930 | .1 | 28 | 100 | 41860 | 2510 | 19 | 4720 | 2464 | 4 | 90 | 41 | 830 | 254 | 9 | 32 | 1 | 28 | 50.7 | 318 | 1 | 1 | 2 | 21 | 45 |
| L9W 0+25S | .7 | 12930 | 5408 | 1 | 1568 | 1.9 | 4 | 4740 | .1 | 11 | 71 | 18400 | 2550 | 10 | 1720 | 384 | 1 | 70 | 14 | 280 | 89 | 6 | 16 | 10 | 8 | 15.3 | 160 | 3 | 1 | 1 | 6 | 450 |
| L9W 0+50S | .5 | 13150 | 3825 | 1 | 268 | .7 | 3 | 4430 | .1 | 20 | 88 | 46640 | 3300 | 18 | 2510 | 774 | 11 | 110 | 18 | 680 | 105 | 27 | 28 | 1 | 38 | 36.7 | 262 | 1 | 1 | 1 | 13 | 215 |
| L9W 0+75S | 1.8 | 13310 | 1351 | 1 | 70 | .3 | 2 | 950 | .1 | 13 | 104 | 54900 | 1900 | 20 | 2810 | 721 | 3 | 50 | 6 | 620 | 134 | 25 | 9 | 1 | 89 | 34.1 | 320 | 1 | 1 | 1 | 11 | 500 |
| L9W 1+00S | 26.5 | 18900 | 717 | 5 | 23 | .1 | 12 | 1990 | .1 | 20 | 345 | 189630 | 1550 | 13 | 4520 | 422 | 1 | 30 | 1 | 540 | 1726 | 27 | 9 | 1 | 120 | 31.1 | 1313 | 1 | 1 | 1 | 1 | 1900 |
| L4W 2+25N | 1.2 | 27990 | 180 | 10 | 185 | 1.0 | 7 | 7840 | .1 | 26 | 96 | 61800 | 1650 | 28 | 15190 | 1530 | 2 | 440 | 63 | 1670 | 22 | 1 | 31 | 1 | 1488 | 132.8 | 182 | 1 | 1 | 5 | 86 | 60 |
| L4W 2+00N | .3 | 28510 | 4842 | 11 | 276 | .3 | 7 | 5670 | .1 | 53 | 569 | 178100 | 990 | 53 | 9180 | 2888 | 8 | 60 | 67 | 740 | 4 | 65 | 21 | 1 | 155 | 135.2 | 156 | 1 | 1 | 2 | 37 | 1200 |
| L4W 1+75N | .3 | 25690 | 869 | 5 | 168 | 1.0 | 4 | 6680 | .1 | 24 | 113 | 63460 | 2090 | 42 | 8560 | 1173 | 3 | 180 | 46 | 1160 | 27 | 5 | 23 | 1 | 331 | 88.1 | 182 | 1 | 1 | 4 | 52 | 225 |
| L4W 1+50N | .3 | 26010 | 550 | 5 | 170 | 1.4 | 4 | 6140 | .1 | 21 | 95 | 56320 | 2080 | 41 | 7800 | 962 | 1 | 200 | 47 | 1090 | 15 | 1 | 24 | 1 | 338 | 83.1 | 129 | 1 | 1 | 3 | 51 | 175 |
| L4W 0+50N | .4 | 16530 | 1206 | 1 | 77 | 1.3 | 2 | 4990 | .1 | 29 | 92 | 24970 | 1330 | 12 | 4150 | 862 | 2 | 40 | 49 | 370 | 13 | 1 | 31 | 1 | 23 | 26.2 | 67 | 2 | 1 | 1 | 22 | 290 |
| L4W 0+25N | 1.0 | 15560 | 1160 | 1 | 66 | 1.5 | 3 | 4350 | .1 | 35 | 160 | 45450 | 1660 | 12 | 3940 | 527 | 3 | 50 | 40 | 460 | 140 | 11 | 24 | 1 | 41 | 37.7 | 196 | 1 | 1 | 1 | 18 | 490 |
| L4W B/L | .8 | 23780 | 886 | 1 | 110 | 1.4 | 3 | 2150 | .1 | 21 | 124 | 43160 | 1340 | 25 | 5140 | 935 | 2 | 50 | 39 | 760 | 153 | 40 | 19 | 1 | 68 | 52.0 | 178 | 1 | 1 | 2 | 25 | 150 |
| L4W 0+25S | 1.2 | 20780 | 1284 | 1 | 110 | 1.4 | 2 | 2900 | .1 | 23 | 104 | 43350 | 1320 | 21 | 4920 | 1140 | 2 | 50 | 37 | 730 | 242 | 78 | 24 | 1 | 49 | 47.8 | 197 | 1 | 1 | 2 | 23 | 140 |
| L4W 0+50S | .4 | 20030 | 670 | 1 | 108 | 1.5 | 2 | 2910 | .1 | 24 | 101 | 40170 | 1470 | 24 | 4820 | 895 | 2 | 80 | 35 | 820 | 61 | 24 | 22 | 1 | 67 | 51.5 | 189 | 1 | 1 | 2 | 21 | 70 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0155-SJ1+2
DATE: 91/07/24
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L1+00W 2+50N | 1.7 | 45210 | 110 | 18 | 257 | 1.0 | 7 | 15700 | .1 | 65 | 89 | 45560 | 1990 | 69 | 32960 | 1851 | 1 | 280 | 275 | 480 | 179 | 2 | 572 | 1 | 1005 | 92.1 | 298 | 1 | 1 | 6 | 125 | 40 |
| L1+00W 2+25N | 1.5 | 41010 | 149 | 12 | 336 | 1.1 | 7 | 14080 | .1 | 37 | 92 | 46410 | 2010 | 53 | 27950 | 1770 | 1 | 260 | 210 | 650 | 67 | 2 | 345 | 1 | 857 | 98.3 | 290 | 1 | 1 | 5 | 90 | 5 |
| L1+00W 2+00N | .7 | 44840 | 123 | 12 | 155 | 1.4 | 4 | 9500 | .1 | 43 | 151 | 50460 | 2930 | 53 | 24080 | 2995 | 1 | 130 | 66 | 530 | 30 | 1 | 57 | 1 | 211 | 94.6 | 212 | 2 | 1 | 2 | 33 | 25 |
| L1+00W 1+75N | 1.8 | 42630 | 133 | 10 | 296 | .9 | 7 | 15050 | .1 | 52 | 86 | 44730 | 2160 | 58 | 30340 | 1806 | 1 | 270 | 245 | 500 | 129 | 3 | 458 | 1 | 909 | 92.5 | 288 | 1 | 1 | 5 | 111 | 10 |
| L1+00W 1+50N | .6 | 55400 | 1112 | 9 | 296 | 1.3 | 5 | 13930 | .1 | 57 | 170 | 66410 | 4010 | 61 | 26990 | 2994 | 1 | 200 | 137 | 610 | 21 | 1 | 165 | 1 | 40 | 88.3 | 557 | 2 | 1 | 3 | 41 | 175 |
| L1+00W 1+25N | .4 | 52140 | 1288 | 18 | 296 | 1.0 | 5 | 12090 | .1 | 46 | 154 | 62620 | 4300 | 57 | 23640 | 2550 | 1 | 180 | 124 | 750 | 16 | 4 | 129 | 1 | 273 | 104.9 | 423 | 2 | 1 | 3 | 45 | 140 |
| L1+00W 1+00N | .5 | 49870 | 952 | 11 | 262 | 1.0 | 4 | 10840 | .1 | 39 | 142 | 62520 | 3370 | 52 | 22400 | 2181 | 1 | 170 | 121 | 740 | 16 | 4 | 109 | 1 | 168 | 105.4 | 295 | 2 | 1 | 4 | 49 | 90 |
| L1+00W 0+75N | .3 | 47870 | 712 | 15 | 248 | 1.0 | 5 | 10140 | .1 | 33 | 135 | 58990 | 3420 | 51 | 20870 | 1817 | 1 | 170 | 109 | 750 | 16 | 4 | 99 | 1 | 500 | 106.6 | 293 | 2 | 1 | 4 | 50 | 84 |
| L1+00W 0+50N | .3 | 39300 | 319 | 11 | 215 | 1.0 | 5 | 8200 | .1 | 23 | 87 | 49370 | 3170 | 47 | 17050 | 1200 | 1 | 190 | 89 | 730 | 21 | 3 | 72 | 1 | 476 | 104.2 | 238 | 3 | 1 | 3 | 56 | 30 |
| L1+00W 0+25N | .4 | 36780 | 364 | 8 | 207 | 1.2 | 4 | 7640 | .1 | 22 | 85 | 46280 | 3530 | 42 | 12600 | 1166 | 1 | 150 | 81 | 770 | 32 | 8 | 53 | 2 | 226 | 88.3 | 193 | 3 | 1 | 3 | 48 | 45 |
| L1+00W B/L | .1 | 19410 | 912 | 4 | 186 | .9 | 2 | 2680 | .1 | 16 | 70 | 40020 | 3920 | 36 | 2040 | 539 | 1 | 100 | 39 | 420 | 18 | 47 | 30 | 1 | 27 | 36.0 | 40 | 1 | 1 | 1 | 21 | 410 |
| L1+00W 0+25S | 3.4 | 14460 | 6147 | 3 | 330 | .9 | 3 | 3290 | .1 | 15 | 163 | 48610 | 6050 | 29 | 1210 | 1396 | 2 | 140 | 31 | 560 | 1024 | 551 | 87 | 1 | 12 | 30.7 | 194 | 1 | 1 | 1 | 19 | 430 |
| L1+00W 0+50S | 2.8 | 15780 | 1738 | 2 | 281 | .9 | 4 | 4270 | .1 | 15 | 114 | 41490 | 4780 | 29 | 2130 | 541 | 2 | 110 | 44 | 620 | 489 | 152 | 52 | 2 | 21 | 36.5 | 146 | 1 | 1 | 1 | 25 | 460 |
| L1+00W 0+75S | 2.3 | 12950 | 1261 | 2 | 245 | .8 | 3 | 3550 | .1 | 12 | 98 | 37360 | 4250 | 25 | 1860 | 348 | 2 | 90 | 36 | 530 | 399 | 166 | 46 | 2 | 49 | 32.1 | 104 | 1 | 1 | 1 | 19 | 285 |
| L1+00W 1+00S | 2.9 | 15640 | 995 | 2 | 234 | .8 | 3 | 3030 | .1 | 10 | 90 | 38840 | 4780 | 22 | 1820 | 285 | 2 | 80 | 23 | 620 | 423 | 154 | 41 | 1 | 25 | 35.2 | 71 | 1 | 1 | 1 | 22 | 340 |
| L1+00W 1+25S | 2.9 | 16530 | 1010 | 2 | 235 | .9 | 4 | 2930 | .1 | 10 | 95 | 39590 | 4840 | 24 | 1900 | 290 | 3 | 90 | 25 | 610 | 424 | 129 | 40 | 2 | 27 | 37.1 | 72 | 1 | 1 | 1 | 23 | 390 |
| L1+00W 1+50S | 1.7 | 17500 | 1293 | 2 | 210 | .8 | 4 | 3420 | .1 | 17 | 119 | 49530 | 4180 | 25 | 2790 | 416 | 2 | 90 | 29 | 650 | 324 | 147 | 35 | 1 | 39 | 49.1 | 86 | 1 | 1 | 1 | 21 | 215 |
| L1+00W 1+75S | 1.5 | 18010 | 655 | 2 | 199 | 1.0 | 3 | 4300 | .1 | 13 | 79 | 36360 | 4470 | 26 | 2460 | 355 | 2 | 90 | 33 | 690 | 145 | 74 | 32 | 2 | 46 | 38.7 | 74 | 1 | 1 | 1 | 22 | 130 |
| L1+00W 2+00S | .5 | 20420 | 532 | 4 | 192 | .9 | 2 | 6310 | .1 | 9 | 62 | 36590 | 4550 | 28 | 2880 | 282 | 2 | 100 | 20 | 790 | 73 | 45 | 31 | 1 | 70 | 41.4 | 85 | 1 | 1 | 1 | 24 | 120 |
| L1+00W 2+25S | 1.3 | 21070 | 606 | 2 | 192 | .9 | 4 | 5510 | .1 | 9 | 66 | 36760 | 4770 | 27 | 2910 | 259 | 2 | 110 | 19 | 700 | 108 | 50 | 28 | 2 | 32 | 39.7 | 80 | 1 | 1 | 1 | 26 | 215 |
| L1+00W 2+50S | .1 | 20640 | 399 | 4 | 606 | .8 | 2 | 5480 | .1 | 18 | 74 | 73890 | 2190 | 21 | 3410 | 2013 | 1 | 90 | 8 | 1680 | 42 | 27 | 17 | 1 | 67 | 89.8 | 102 | 1 | 1 | 2 | 30 | 20 |
| L1+00W 2+75S | .8 | 23390 | 458 | 3 | 169 | .9 | 3 | 5740 | .1 | 7 | 56 | 30660 | 3220 | 27 | 3050 | 140 | 1 | 90 | 15 | 610 | 131 | 42 | 21 | 2 | 43 | 46.1 | 58 | 1 | 1 | 1 | 28 | 190 |
| L1+00W 3+00S | .5 | 23620 | 474 | 3 | 171 | .8 | 3 | 5920 | .1 | 7 | 59 | 31530 | 3250 | 28 | 3130 | 133 | 1 | 90 | 15 | 600 | 136 | 48 | 20 | 2 | 73 | 46.5 | 62 | 1 | 1 | 2 | 26 | 200 |
| L0+00W 1+75N | .7 | 49710 | 237 | 11 | 305 | 1.5 | 5 | 9850 | .1 | 47 | 112 | 52540 | 3700 | 66 | 27270 | 2330 | 1 | 150 | 220 | 1140 | 48 | 17 | 330 | 1 | 283 | 104.3 | 439 | 2 | 1 | 4 | 66 | 5 |
| L0+00W 1+50N | .2 | 37420 | 190 | 7 | 291 | 1.2 | 4 | 8200 | .1 | 41 | 130 | 49180 | 3770 | 59 | 11310 | 2243 | 1 | 200 | 110 | 450 | 24 | 8 | 75 | 2 | 28 | 138.3 | 147 | 3 | 1 | 3 | 32 | 5 |
| L0+00W 1+25N | .4 | 42440 | 200 | 12 | 183 | .9 | 4 | 11140 | .1 | 40 | 133 | 52020 | 3900 | 47 | 17320 | 1797 | 1 | 200 | 104 | 610 | 46 | 12 | 115 | 1 | 418 | 92.2 | 344 | 1 | 1 | 3 | 36 | 55 |
| L0+00W 1+00N | .3 | 55600 | 218 | 17 | 243 | 1.0 | 6 | 11830 | .1 | 41 | 213 | 72550 | 4710 | 51 | 24940 | 4433 | 1 | 180 | 146 | 830 | 16 | 8 | 81 | 1 | 745 | 133.9 | 735 | 1 | 1 | 4 | 49 | 5 |
| L0+00W 0+75N | .1 | 49920 | 316 | 11 | 374 | 1.5 | 5 | 8960 | .1 | 31 | 88 | 64540 | 4430 | 59 | 22130 | 2521 | 1 | 170 | 76 | 960 | 16 | 35 | 40 | 1 | 619 | 128.8 | 206 | 1 | 1 | 4 | 40 | 5 |
| L0+00W 0+50N | .1 | 36020 | 282 | 7 | 281 | 1.2 | 3 | 10110 | .1 | 22 | 91 | 52440 | 2410 | 46 | 14560 | 1443 | 2 | 180 | 70 | 980 | 16 | 15 | 40 | 1 | 384 | 101.3 | 177 | 2 | 1 | 3 | 39 | 10 |
| L0+00W B/L | .1 | 34460 | 289 | 5 | 201 | .9 | 3 | 7550 | .1 | 25 | 94 | 51690 | 2680 | 48 | 14960 | 1719 | 1 | 120 | 80 | 870 | 18 | 27 | 36 | 1 | 268 | 90.5 | 175 | 2 | 1 | 3 | 39 | 5 |
| L0+00W 0+25S | .8 | 16140 | 989 | 7 | 168 | 1.4 | 3 | 5580 | .1 | 16 | 87 | 43130 | 2830 | 28 | 4820 | 646 | 2 | 90 | 52 | 670 | 153 | 104 | 36 | 3 | 85 | 48.7 | 115 | 1 | 1 | 2 | 26 | 160 |
| L0+00W 0+50S | 3.7 | 8770 | 3369 | 4 | 235 | 1.4 | 4 | 4740 | .1 | 26 | 122 | 38630 | 2030 | 16 | 1990 | 1164 | 3 | 70 | 67 | 670 | 98 | 93 | 30 | 1 | 40 | 25.3 | 163 | 1 | 1 | 1 | 10 | 230 |
| L0+00W 0+75S | .9 | 10200 | 3327 | 4 | 498 | 1.1 | 3 | 5090 | .1 | 16 | 59 | 42530 | 2960 | 19 | 2300 | 874 | 16 | 120 | 36 | 800 | 102 | 98 | 42 | 3 | 63 | 28.6 | 159 | 1 | 1 | 1 | 11 | 140 |
| L0+00W 1+00S | .8 | 10990 | 2494 | 5 | 380 | 1.5 | 3 | 4730 | .1 | 16 | 100 | 47840 | 3060 | 20 | 3520 | 728 | 19 | 100 | 40 | 680 | 115 | 122 | 38 | 2 | 103 | 38.7 | 187 | 1 | 1 | 1 | 16 | 160 |
| L0+00W 1+25S | 1.5 | 9570 | 2545 | 5 | 398 | 1.4 | 3 | 8890 | .1 | 13 | 106 | 42120 | 2620 | 11 | 2250 | 741 | 9 | 490 | 31 | 1600 | 121 | 157 | 55 | 2 | 45 | 29.5 | 218 | 1 | 1 | 1 | 13 | 115 |
| L0+00W 1+50S | 1.5 | 11010 | 2639 | 5 | 307 | 1.3 | 4 | 6010 | .1 | 23 | 126 | 46550 | 2810 | 12 | 2330 | 1922 | 8 | 370 | 33 | 1450 | 328 | 192 | 46 | 1 | 51 | 37.2 | 211 | 1 | 1 | 1 | 15 | 170 |
| L0+00W 1+75S | 2.2 | 11840 | 3751 | 5 | 407 | 1.8 | 5 | 8480 | .1 | 18 | 165 | 52570 | 3250 | 15 | 2680 | 1354 | 8 | 410 | 39 | 1400 | 394 | 237 | 64 | 1 | 41 | 39.6 | 297 | 1 | 1 | 2 | 16 | 200 |
| L0+00W 2+00S | 1.9 | 9750 | 3367 | 4 | 271 | 1.4 | 4 | 5240 | .1 | 18 | 142 | 48740 | 2720 | 15 | 2510 | 987 | 7 | 70 | 39 | 860 | 319 | 242 | 48 | 2 | 34 | 36.5 | 249 | 1 | 1 | 1 | 14 | 215 |
| L0+00W 2+25S | 2.3 | 14670 | 3004 | 4 | 277 | 1.3 | 6 | 5360 | .1 | 17 | 119 | 46160 | 2410 | 22 | 3000 | 1304 | 9 | 70 | 32 | 1610 | 371 | 157 | 46 | 2 | 58 | 42.9 | 234 | 1 | 1 | 1 | 18 | 100 |
| L0+00W 2+50S | 1.7 | 17730 | 1739 | 4 | 300 | 1.3 | 5 | 8540 | .1 | 12 | 92 | 39740 | 1910 | 24 | 4700 | 793 | 4 | 440 | 25 | 2360 | 213 | 105 | 48 | 2 | 82 | 49.7 | 216 | 1 | 1 | 2 | 26 | 80 |
| L0+00W 2+75S | 1.1 | 25290 | 501 | 5 | 155 | 1.3 | 3 | 4520 | .1 | 15 | 85 | 42180 | 1560 | 41 | 9220 | 657 | 2 | 110 | 46 | 970 | 53 | 29 | 16 | 2 | 176 | 74.3 | 112 | 3 | 1 | 2 | 30 | 60 |
| L0+00W 3+00S | 2.3 | 17030 | 618 | 2 | 189 | 1.0 | 4 | 5710 | .1 | 8 | 60 | 31250 | 1790 | 22 | 2890 | 290 | 1 | 40 | 15 | 890 | 371 | 117 | 24 | 2 | 39 | 41.1 | 108 | 1 | 1 | 1 | 23 | 260 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0156-SJ1+2
DATE: 91/07/24
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L20W 1+50N | .6 | 20530 | 235 | 20 | 206 | .9 | 3 | 6490 | .1 | 19 | 71 | 40840 | 1440 | 30 | 7460 | 1086 | 2 | 170 | 23 | 370 | 49 | 10 | 11 | 2 | 240 | 81.7 | 129 | 1 | 1 | 3 | 28 | 35 |
| L20W 1+25N | 4.6 | 21350 | 270 | 13 | 272 | .7 | 3 | 11330 | .1 | 33 | 166 | 61070 | 1770 | 22 | 5570 | 6116 | 1 | 100 | 30 | 2120 | 53 | 21 | 20 | 1 | 148 | 109.2 | 149 | 1 | 1 | 3 | 29 | 25 |
| L20W 1+00N | 4.0 | 21530 | 722 | 5 | 190 | .7 | 2 | 15470 | .1 | 16 | 210 | 43840 | 2000 | 21 | 6480 | 1363 | 1 | 130 | 23 | 2210 | 28 | 22 | 26 | 1 | 150 | 104.7 | 121 | 1 | 1 | 3 | 44 | 5 |
| L20W 0+75N | 1.8 | 20810 | 1405 | 5 | 145 | .6 | 3 | 14170 | .1 | 14 | 196 | 46190 | 1890 | 33 | 7090 | 410 | 2 | 140 | 12 | 1510 | 42 | 22 | 21 | 1 | 254 | 71.5 | 193 | 1 | 1 | 2 | 30 | 15 |
| L20W 0+50N | .3 | 28230 | 334 | 2 | 248 | .8 | 3 | 7880 | .1 | 8 | 52 | 33790 | 1490 | 24 | 6350 | 358 | 2 | 100 | 12 | 2670 | 28 | 4 | 17 | 1 | 237 | 79.8 | 171 | 2 | 1 | 2 | 30 | 15 |
| L20W 0+25N | .1 | 27440 | 440 | 2 | 219 | .8 | 3 | 6460 | .1 | 11 | 63 | 40900 | 1610 | 27 | 7820 | 577 | 2 | 110 | 24 | 1910 | 31 | 6 | 14 | 1 | 253 | 88.7 | 154 | 2 | 1 | 3 | 36 | 5 |
| L20W 0+50S | .2 | 25440 | 509 | 1 | 149 | .9 | 2 | 2880 | .1 | 16 | 112 | 51550 | 1250 | 24 | 7170 | 915 | 2 | 90 | 25 | 1490 | 58 | 15 | 9 | 1 | 219 | 94.2 | 141 | 1 | 1 | 3 | 34 | 30 |
| L20W 0+75S | 2.7 | 15870 | 3548 | 2 | 420 | .7 | 1 | 6150 | .1 | 27 | 136 | 90930 | 1290 | 15 | 4360 | 3133 | 1 | 570 | 4 | 1660 | 111 | 35 | 10 | 1 | 101 | 93.0 | 332 | 1 | 1 | 2 | 21 | 40 |
| L20W 1+00S | .1 | 25000 | 479 | 1 | 172 | .7 | 2 | 5120 | .1 | 13 | 73 | 43700 | 1310 | 24 | 6520 | 608 | 1 | 530 | 19 | 1680 | 23 | 8 | 11 | 1 | 203 | 99.6 | 134 | 1 | 1 | 3 | 36 | 5 |
| L20W 1+25S | .6 | 24290 | 680 | 1 | 352 | .8 | 1 | 8530 | .1 | 14 | 71 | 46630 | 1510 | 28 | 7300 | 857 | 1 | 580 | 13 | 1970 | 37 | 7 | 16 | 1 | 165 | 98.5 | 174 | 1 | 1 | 3 | 34 | 5 |
| L20W 2+00S | .1 | 32820 | 324 | 2 | 302 | 1.0 | 2 | 7440 | .1 | 20 | 124 | 53330 | 1820 | 25 | 7010 | 1871 | 1 | 630 | 23 | 2550 | 29 | 5 | 15 | 1 | 225 | 119.7 | 228 | 1 | 1 | 3 | 39 | 5 |
| L20W 2+25S | .7 | 21350 | 945 | 2 | 143 | .6 | 1 | 4320 | .1 | 24 | 156 | 72790 | 2150 | 16 | 4540 | 3630 | 1 | 670 | 1 | 2420 | 113 | 12 | 11 | 1 | 113 | 158.2 | 253 | 1 | 1 | 3 | 18 | 5 |
| L20W 2+50S | .1 | 27370 | 298 | 4 | 163 | .9 | 3 | 5180 | .1 | 19 | 123 | 54410 | 2070 | 25 | 8230 | 2041 | 1 | 590 | 22 | 1420 | 27 | 7 | 13 | 1 | 194 | 125.0 | 159 | 1 | 1 | 3 | 34 | 105 |
| L20W 2+75S | .1 | 24490 | 473 | 2 | 220 | .6 | 1 | 4820 | .1 | 23 | 123 | 61790 | 2140 | 22 | 6380 | 2378 | 1 | 590 | 12 | 1620 | 27 | 8 | 10 | 1 | 180 | 136.2 | 225 | 1 | 1 | 3 | 30 | 5 |
| L20W 3+00S | .1 | 24810 | 230 | 5 | 187 | .7 | 2 | 4790 | .1 | 23 | 136 | 60080 | 1870 | 21 | 6760 | 2571 | 1 | 90 | 11 | 1430 | 24 | 5 | 11 | 1 | 165 | 142.8 | 157 | 1 | 1 | 4 | 28 | 10 |
| L19W 1+50N | .1 | 30880 | 374 | 1 | 150 | 1.0 | 3 | 11740 | .1 | 39 | 116 | 55200 | 1010 | 21 | 10060 | 2835 | 1 | 610 | 46 | 1380 | 34 | 13 | 18 | 1 | 348 | 173.5 | 134 | 1 | 1 | 4 | 30 | 20 |
| L19W 1+25N | .1 | 22390 | 379 | 1 | 230 | .9 | 4 | 6180 | .1 | 25 | 68 | 43850 | 1860 | 26 | 7070 | 1431 | 2 | 640 | 31 | 910 | 42 | 10 | 16 | 1 | 315 | 83.7 | 150 | 1 | 1 | 2 | 28 | 15 |
| L19W 1+00N | .1 | 30350 | 433 | 2 | 145 | .7 | 3 | 14920 | .1 | 42 | 178 | 64780 | 1760 | 28 | 11890 | 2926 | 1 | 1040 | 28 | 1440 | 43 | 16 | 15 | 1 | 305 | 150.1 | 162 | 2 | 1 | 4 | 52 | 5 |
| L19W 0+75N | .4 | 22220 | 478 | 1 | 247 | .8 | 3 | 8030 | .1 | 23 | 105 | 49930 | 1750 | 24 | 6730 | 1740 | 2 | 610 | 25 | 680 | 54 | 17 | 13 | 1 | 266 | 86.4 | 181 | 1 | 1 | 2 | 26 | 60 |
| L19W 0+50N | 3.0 | 13930 | 8405 | 6 | 646 | .1 | 1 | 10330 | .1 | 36 | 414 | 132440 | 2270 | 14 | 4460 | 11323 | 1 | 450 | 1 | 1030 | 74 | 178 | 18 | 1 | 109 | 69.3 | 229 | 1 | 1 | 1 | 7 | 165 |
| L19W 0+25N | 5.0 | 13030 | 3915 | 1 | 303 | .4 | 2 | 6940 | .1 | 36 | 262 | 88580 | 1560 | 13 | 5310 | 8986 | 1 | 550 | 25 | 940 | 74 | 75 | 13 | 1 | 54 | 72.2 | 207 | 1 | 1 | 4 | 54 | 40 |
| L19W B/L | .2 | 17150 | 842 | 4 | 124 | .5 | 2 | 3990 | .1 | 32 | 107 | 56310 | 1320 | 18 | 4120 | 2627 | 1 | 510 | 13 | 1190 | 39 | 15 | 8 | 1 | 114 | 56.4 | 157 | 1 | 1 | 1 | 18 | 5 |
| L19W 0+25S | .1 | 23390 | 441 | 1 | 133 | .7 | 3 | 3180 | .1 | 22 | 90 | 50110 | 1450 | 27 | 6960 | 1837 | 2 | 450 | 25 | 1130 | 53 | 11 | 9 | 1 | 236 | 80.4 | 166 | 1 | 1 | 3 | 29 | 10 |
| L19W 0+50S | .1 | 25820 | 428 | 1 | 204 | .9 | 4 | 4130 | .1 | 19 | 121 | 48970 | 1520 | 25 | 9120 | 1011 | 2 | 500 | 32 | 570 | 51 | 13 | 10 | 1 | 313 | 92.2 | 162 | 1 | 1 | 3 | 34 | 25 |
| L19W 0+75S | .1 | 24230 | 853 | 1 | 103 | 1.3 | 4 | 2930 | .1 | 20 | 107 | 50670 | 1860 | 34 | 7920 | 1192 | 4 | 420 | 77 | 910 | 47 | 14 | 9 | 1 | 332 | 85.6 | 365 | 1 | 1 | 3 | 32 | 20 |
| L19W 1+00S | 269.8 | 11680 | 27927 | 3 | 103 | .7 | 1 | 2290 | .1 | 25 | 249 | 127200 | 1170 | 13 | 2660 | 1178 | 16 | 450 | 13 | 750 | 17758 | 273 | 5 | 1 | 112 | 37.1 | 1156 | 1 | 1 | 1 | 8 | 480 |
| L19W 1+25S | 1.2 | 28060 | 565 | 3 | 281 | 1.0 | 3 | 7580 | .1 | 21 | 143 | 58660 | 2200 | 54 | 9830 | 881 | 3 | 160 | 43 | 930 | 103 | 14 | 18 | 1 | 375 | 115.6 | 223 | 1 | 1 | 4 | 47 | 30 |
| L19W 1+50S | .9 | 22680 | 335 | 3 | 157 | .5 | 4 | 7720 | .1 | 26 | 160 | 49700 | 2600 | 33 | 9130 | 1342 | 2 | 210 | 45 | 760 | 66 | 12 | 25 | 1 | 470 | 107.6 | 166 | 1 | 1 | 3 | 38 | 5 |
| L19W 1+75S | .2 | 27720 | 369 | 1 | 153 | .6 | 3 | 7480 | .1 | 17 | 90 | 46400 | 1630 | 33 | 9230 | 1045 | 2 | 370 | 28 | 1650 | 53 | 9 | 21 | 1 | 264 | 97.4 | 177 | 1 | 1 | 3 | 38 | 10 |
| L19W 2+00S | .1 | 26160 | 328 | 1 | 159 | .6 | 3 | 4960 | .1 | 16 | 95 | 41790 | 1150 | 24 | 7340 | 769 | 3 | 540 | 31 | 1140 | 31 | 8 | 13 | 1 | 169 | 84.7 | 111 | 1 | 1 | 3 | 32 | 10 |
| L19W 2+25S | .1 | 27810 | 355 | 14 | 368 | 1.3 | 4 | 6420 | .1 | 23 | 111 | 58190 | 1610 | 28 | 8880 | 1460 | 2 | 120 | 38 | 880 | 34 | 13 | 14 | 1 | 299 | 104.4 | 129 | 1 | 1 | 3 | 40 | 5 |
| L19W 2+50S | .4 | 26400 | 286 | 10 | 346 | 1.6 | 3 | 8670 | .1 | 17 | 90 | 50800 | 2200 | 29 | 8160 | 1107 | 2 | 100 | 25 | 2260 | 32 | 9 | 23 | 1 | 202 | 96.5 | 145 | 1 | 1 | 3 | 37 | 5 |
| L19W 2+75S | .2 | 26230 | 386 | 9 | 269 | 1.7 | 4 | 6760 | .1 | 20 | 128 | 53270 | 2230 | 49 | 9220 | 847 | 2 | 150 | 41 | 810 | 34 | 11 | 16 | 1 | 360 | 109.6 | 197 | 2 | 1 | 3 | 45 | 140 |
| L15W 1+75N | 7.2 | 37140 | 1507 | 8 | 169 | 1.4 | 9 | 10640 | 8.5 | 22 | 98 | 47580 | 2200 | 22 | 12140 | 1251 | 1 | 880 | 94 | 1140 | 1312 | 9 | 211 | 1 | 660 | 79.1 | 1507 | 2 | 1 | 3 | 47 | 200 |
| L15W 1+50N | 1.0 | 35510 | 299 | 11 | 208 | 1.6 | 4 | 5460 | .1 | 20 | 75 | 42820 | 1730 | 30 | 10070 | 954 | 1 | 750 | 62 | 990 | 146 | 2 | 35 | 1 | 415 | 78.2 | 396 | 2 | 1 | 3 | 39 | 60 |
| L15W 1+25N | 4.8 | 13790 | 572 | 3 | 136 | .9 | 4 | 3310 | 13.2 | 11 | 85 | 47100 | 3870 | 11 | 3680 | 730 | 5 | 70 | 22 | 630 | 938 | 20 | 40 | 1 | 25 | 23.2 | 990 | 1 | 1 | 1 | 20 | 550 |
| L15W 1+00N | 1.7 | 13550 | 334 | 1 | 153 | .8 | 2 | 4150 | .1 | 7 | 53 | 31790 | 2210 | 15 | 4490 | 448 | 2 | 70 | 18 | 590 | 225 | 7 | 20 | 1 | 57 | 31.1 | 427 | 1 | 1 | 1 | 20 | 430 |
| L15W 0+75N | .6 | 16070 | 387 | 1 | 173 | 1.1 | 2 | 2860 | 3.1 | 9 | 57 | 30260 | 1650 | 18 | 4480 | 426 | 2 | 800 | 23 | 670 | 103 | 12 | 19 | 1 | 94 | 45.1 | 213 | 1 | 1 | 2 | 23 | 140 |
| L15W 0+50N | .1 | 24840 | 291 | 3 | 223 | 1.3 | 3 | 5320 | .1 | 12 | 64 | 37550 | 1520 | 29 | 6130 | 380 | 1 | 780 | 38 | 380 | 33 | 9 | 18 | 2 | 169 | 59.6 | 111 | 2 | 1 | 2 | 28 | 65 |
| L15W 0+25N | .1 | 21310 | 336 | 3 | 159 | 1.2 | 3 | 2600 | .1 | 26 | 95 | 53970 | 1740 | 26 | 5710 | 929 | 3 | 680 | 43 | 1130 | 145 | 13 | 20 | 1 | 199 | 62.0 | 334 | 1 | 1 | 2 | 26 | 70 |
| L15W B/L | .1 | 24120 | 312 | 3 | 141 | 1.1 | 2 | 2190 | .1 | 20 | 76 | 51360 | 1670 | 25 | 5800 | 770 | 1 | 930 | 38 | 1230 | 79 | 10 | 18 | 1 | 223 | 66.2 | 268 | 1 | 1 | 2 | 28 | 45 |
| L15W 0+25S | .1 | 20310 | 278 | 3 | 100 | 1.2 | 2 | 2470 | .1 | 18 | 85 | 70400 | 1260 | 17 | 5250 | 642 | 4 | 860 | 19 | 1720 | 56 | 20 | 20 | 1 | 119 | 65.2 | 238 | 1 | 1 | 2 | 28 | 15 |
| L15W 0+50S | .2 | 18930 | 445 | 2 | 142 | 1.2 | 4 | 2900 | .1 | 20 | 56 | 35620 | 1620 | 28 | 5230 | 829 | 1 | 770 | 38 | 310 | 140 | 18 | 13 | 1 | 320 | 57.8 | 236 | 2 | 1 | 2 | 23 | 255 |
| L15W 0+75S | .1 | 27750 | 397 | 2 | 198 | 1.3 | 4 | 2500 | .1 | 16 | 47 | 44020 | 1960 | 30 | 6300 | 1000 | 2 | 850 | 33 | 1670 | 92 | 16 | 12 | 1 | 248 | 75.4 | 240 | 2 | 1 | 2 | 29 | 25 |
| L15W 1+00S | .1 | 12810 | 198 | 3 | 94 | 1.1 | 1 | 5030 | .1 | 28 | 58 | 95680 | 980 | 15 | 2820 | 1921 | 1 | 830 | 16 | 3300 | 34 | 8 | 16 | 1 | 120 | 133.3 | 332 | 1 | 1 | 2 | 8 | 10 |
| L15W 1+25S | .1 | 14040 | 289 | 3 | 67 | 1.5 | 1 | 3090 | .1 | 30 | 118 | 83120 | 1350 | 18 | 3070 | 2026 | 8 | 60 | 30 | 1740 | 61 | 23 | 12 | 1 | 113 | 75.2 | 470 | 1 | 1 | 1 | 13 | 15 |
| L14W 1+75N | .6 | 19230 | 893 | 4 | 165 | 1.3 | 2 | 6460 | 6.0 | 26 | 119 | 67600 | 5550 | 17 | 6600 | 663 | 4 | 190 | 43 | 1130 | 79 | 21 | 41 | 1 | 190 | 52.8 | 595 | 1 | 1 | 2 | 32 | 295 |
| L14W 1+50N | .5 | 26600 | 158 | 3 | 200 | 1.3 | 4 | 7910 | .1 | 19 | 54 | 37400 | 2050 | 29 | 9250 | 912 | 1 | 980 | 59 | 790 | 32 | 2 | 33 | 1 | 537 | 84.4 | 185 | 3 | 1 | 3 | 44 | 5 |
| L14W 1+25N | .3 | 33680 | 202 | 4 | 259 | 1.6 | 4 | 7890 | .1 | 20 | 72 | 43510 | 2220 | 33 | 10750 | 945 | 1 | 900 | 62 | 820 | 39 | 2 | 38 | 1 | 457 | 95.4 | 247 | 3 | 1 | 3 | 47 | 5 |
| L14W 1+00N | 2.5 | 22860 | 387 | 2 | 348 | 1.2 | 1 | 6540 | .1 | 14 | 183 | 50260 | 3950 | 24 | 6640 | 540 | 1 | 840 | 24 | 690 | 443 | 4 | 41 | 1 | 109 | 59.5 | 305 | 1 | 1 | 2 | 37 | 250 |
| L14W 0+75N | .1 | 34140 | 181 | 3 | 193 | 1.3 | 4 | 4740 | .1 | 21 | 72 | 43100 | 1440 | 34 | 10390 | 998 | 1 | 900 | 70 | 1130 | 36 | 2 | 22 | 1 | 417 | 89.1 | 205 | 2 | 1 | 3 | 48 | 10 |
| L14W 0+50N | .7 | 10970 | 685 | 1 | 177 | 1.1 | 2 | 4580 | 2.0 | 16 | 92 | 48070 | 3560 | 12 | 3830 | 537 | 5 | 120 | 30 | 760 | 57 | 22 | 31 | 1 | 94 | 35.3 | 428 | 1 | 1 | 1 | 17 | 280 |
| L14W 0+25N | .1 | 9620 | 555 | 1 | 70 | .9 | 1 | 3630 | .1 | 16 | 39 | 44880 | 2030 | 15 | 490 | 256 | 7 | 50 | 7 | 230 | 20 | 10 | 22 | 1 | 6 | 18.1 | 93 | 1 | 1 | 1 | 10 | 285 |
| L14W B/L | .1 | 17860 | 431 | 1 | 115 | 1.3 | 2 | 3790 | .1 | 23 | 77 | 64960 | 2270 | 34 | 2400 | 1473 | 4 | 90 | 24 | 990 | 29 | 8 | 27 | 1 | 46 | 43.9 | 307 | 1 | 1 | 1 | 18 | 20 |
| L14W 0+25S | .1 | 27060 | 217 | 3 | 136 | 1.6 | 2 | 1170 | .1 | 73 | 109 | 100310 | 1810 | 30 | 9230 | 3005 | 9 | 190 | 63 | 3190 | 62 | 15 | 40 | 1 | 139 | 67.9 | 420 | 1 | 1 | 2 | 23 | 25 |
| L14W 0+50S | .3 | 14200 | 519 | 1 | 151 | 1.2 | 2 | 2110 | .1 | 16 | 67 | 43960 | 2880 | 18 | 4000 | 799 | 4 | 120 | 30 | 780 | 50 | 15 | 20 | 1 | 187 | 43.2 | 290 | 1 | 1 | 1 | 22 | 145 |
| L14W 0+75S | .1 | 22030 | 381 | 2 | 151 | 2.1 | 1 | 1910 | .1 | 27 | 100 | 67710 | 2580 | 22 | 2460 | 969 | 3 | 110 | 40 | 770 | 51 | 16 | 15 | 1 | 79 | 43.0 | 494 | 1 | 1 | 1 | 15 | 5 |
| L14W 1+00S | 8.5 | 13710 | 447 | 1 | 184 | 1.5 | 2 | 5580 | 2.2 | 21 | 113 | 55280 | 1980 | 32 | 2800 | 3101 | 13 | 1000 | 24 | 1290 | 582 | 28 | 13 | 1 | 47 | 39.6 | 606 | 1 | 1 | 1 | 11 | 30 |
| L14W 1+25S | .7 | 30570 | 337 | 2 | 144 | 1.4 | 3 | 8290 | .1 | 17 | 88 | 40950 | 2060 | 30 | 5570 | 1473 | 3 | 950 | 37 | 1510 | 92 | 10 | 19 | 1 | 191 | 67.1 | 288 | 2 | 1 | 2 | 26 | 5 |
| L14W 1+50S | .3 | 11190 | 648 | 1 | 336 | 1.3 | 2 | 6510 | .1 | 42 | 99 | 50510 | 1980 | 29 | 3070 | 4912 | 2 | 1010 | 155 | 1060 | 86 | 12 | 10 | 1 | 41 | 45.3 | 391 | 1 | 1 | 2 | 15 | 10 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0156-SJ3
DATE: 91/07/24
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L14W 1+75S | .3 | 26640 | 414 | 29 | 267 | 1.1 | 4 | 5090 | .1 | 35 | 95 | 70280 | 1960 | 58 | 7340 | 4774 | 3 | 140 | 84 | 1570 | 149 | 16 | 13 | 1 | 302 | 93.1 | 456 | 1 | 1 | 3 | 31 | 170 |
| L14W 2+00S | 3.4 | 28420 | 834 | 14 | 354 | 2.0 | 4 | 7530 | .1 | 25 | 119 | 58150 | 2890 | 56 | 8610 | 3226 | 3 | 130 | 58 | 1620 | 295 | 21 | 18 | 1 | 252 | 89.4 | 1080 | 1 | 1 | 3 | 33 | 70 |
| L14W 2+25S | .9 | 20990 | 634 | 9 | 258 | 1.3 | 4 | 8200 | .1 | 23 | 77 | 49740 | 2530 | 33 | 8530 | 1739 | 4 | 130 | 24 | 1740 | 164 | 12 | 18 | 2 | 294 | 80.2 | 386 | 2 | 1 | 2 | 25 | 75 |
| L14W 2+50S | .2 | 25730 | 330 | 8 | 393 | .8 | 3 | 7090 | .1 | 17 | 54 | 46680 | 1910 | 28 | 8420 | 988 | 3 | 170 | 30 | 1310 | 77 | 13 | 21 | 1 | 443 | 97.7 | 190 | 1 | 1 | 3 | 33 | 10 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0188-SJ2
DATE: 91/07/29
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L16W 2+75S | 1.3 | 22970 | 248 | 13 | 329 | 1.8 | 4 | 7210 | .1 | 20 | 99 | 46480 | 2410 | 40 | 8870 | 1369 | 1 | 100 | 30 | 1030 | 46 | 7 | 19 | 1 | 365 | 84.3 | 214 | 1 | 1 | 1 | 8 | 65 |
| L16W 3+00S | .6 | 20910 | 216 | 10 | 362 | 1.7 | 2 | 7130 | .1 | 23 | 122 | 56640 | 2150 | 24 | 6540 | 2287 | 1 | 70 | 21 | 1780 | 33 | 5 | 14 | 1 | 146 | 99.4 | 182 | 1 | 1 | 1 | 1 | 15 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0214-SJ1+2+3
DATE: 91/07/29
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L 17+50W 1+00N | .1 | 22350 | 275 | 16 | 441 | 1.3 | 5 | 5430 | .1 | 32 | 50 | 49370 | 880 | 22 | 7660 | 1904 | 2 | 90 | 66 | 1130 | 57 | 7 | 17 | 1 | 149 | 73.6 | 223 | 2 | 1 | 1 | 1 | 10 |
| L 17+50W 0+75N | .1 | 18340 | 183 | 13 | 75 | .7 | 6 | 710 | .1 | 16 | 54 | 47340 | 650 | 20 | 4060 | 984 | 2 | 90 | 9 | 1520 | 40 | 5 | 12 | 1 | 156 | 45.1 | 148 | 1 | 1 | 1 | 1 | 5 |
| L 17+50W 0+50N | .1 | 20580 | 63 | 13 | 71 | .1 | 2 | 2070 | .1 | 61 | 93 | 132750 | 170 | 15 | 12550 | 4174 | 1 | 40 | 135 | 1340 | 37 | 7 | 14 | 1 | 49 | 85.9 | 752 | 1 | 1 | 1 | 1 | 10 |
| L 17+50W 0+25N | .1 | 19140 | 920 | 8 | 121 | .8 | 4 | 2140 | .1 | 20 | 76 | 42620 | 840 | 21 | 7700 | 876 | 5 | 90 | 45 | 460 | 117 | 12 | 8 | 1 | 208 | 70.7 | 291 | 2 | 1 | 1 | 8 | 25 |
| L 17+50W 0+00N | .1 | 12200 | 1196 | 6 | 130 | .7 | 2 | 1610 | .1 | 21 | 35 | 32890 | 750 | 9 | 3150 | 475 | 3 | 110 | 33 | 460 | 34 | 11 | 8 | 1 | 39 | 27.1 | 293 | 2 | 1 | 1 | 1 | 5 |
| L 17+50W 0+25S | .1 | 19870 | 1248 | 6 | 109 | .9 | 3 | 3360 | .1 | 29 | 59 | 48840 | 890 | 20 | 7880 | 1142 | 3 | 110 | 50 | 1130 | 68 | 10 | 13 | 1 | 112 | 66.4 | 341 | 2 | 1 | 1 | 7 | 10 |
| L 17+50W 0+50S | .1 | 25020 | 466 | 7 | 129 | 1.2 | 3 | 2400 | .1 | 17 | 83 | 45480 | 1100 | 26 | 8630 | 762 | 3 | 100 | 53 | 650 | 37 | 10 | 9 | 1 | 254 | 79.7 | 256 | 2 | 1 | 1 | 12 | 15 |
| L 17+50W 0+75S | .8 | 28770 | 466 | 6 | 242 | 1.2 | 3 | 1610 | .1 | 17 | 98 | 49040 | 980 | 26 | 6500 | 1077 | 2 | 70 | 27 | 1800 | 78 | 18 | 11 | 1 | 260 | 84.5 | 169 | 3 | 1 | 1 | 10 | 5 |
| L 17+50W 1+00S | .1 | 14920 | 287 | 5 | 116 | .9 | 4 | 2900 | .1 | 16 | 59 | 40600 | 710 | 25 | 7020 | 852 | 3 | 90 | 25 | 280 | 33 | 8 | 9 | 1 | 293 | 67.7 | 132 | 2 | 1 | 1 | 6 | 55 |
| L 17+50W 1+25S | .2 | 21750 | 413 | 5 | 123 | .9 | 3 | 5370 | .1 | 12 | 51 | 38820 | 1010 | 31 | 6560 | 659 | 4 | 80 | 33 | 1080 | 70 | 5 | 16 | 1 | 175 | 72.3 | 277 | 3 | 1 | 1 | 11 | 5 |
| L 17+50W 1+50S | .1 | 12600 | 355 | 5 | 120 | 1.5 | 2 | 2510 | .1 | 27 | 79 | 58240 | 880 | 25 | 3770 | 2872 | 6 | 40 | 31 | 1000 | 94 | 16 | 10 | 1 | 112 | 55.2 | 290 | 1 | 1 | 1 | 1 | 5 |
| L 17+50W 2+00S | .1 | 16580 | 194 | 5 | 174 | 1.1 | 3 | 3900 | .1 | 20 | 79 | 46710 | 1350 | 17 | 6480 | 1495 | 2 | 60 | 22 | 1170 | 34 | 6 | 10 | 1 | 115 | 77.6 | 154 | 2 | 1 | 1 | 1 | 25 |
| L 17+50W 2+25S | 1.5 | 24600 | 133 | 4 | 282 | .9 | 3 | 4040 | .1 | 8 | 55 | 27140 | 860 | 16 | 4420 | 240 | 2 | 70 | 15 | 2200 | 17 | 1 | 15 | 1 | 97 | 67.8 | 91 | 4 | 1 | 1 | 16 | 15 |
| L 17+50W 2+50S | .1 | 23780 | 404 | 5 | 132 | 1.3 | 4 | 4690 | .1 | 21 | 146 | 48870 | 1010 | 23 | 8710 | 1109 | 2 | 90 | 34 | 490 | 49 | 9 | 12 | 1 | 190 | 92.0 | 164 | 2 | 1 | 2 | 12 | 15 |
| L 17+50W 2+75S | .5 | 24720 | 283 | 4 | 224 | 1.3 | 4 | 9100 | .1 | 15 | 109 | 42890 | 920 | 22 | 7720 | 757 | 1 | 100 | 25 | 1210 | 27 | 6 | 18 | 1 | 144 | 91.5 | 115 | 3 | 1 | 2 | 17 | 5 |
| L 17+50W 3+00S | .1 | 24640 | 410 | 5 | 363 | 1.0 | 3 | 7130 | .1 | 20 | 88 | 49220 | 1250 | 27 | 8170 | 1171 | 3 | 90 | 29 | 1570 | 36 | 7 | 17 | 1 | 175 | 91.2 | 133 | 2 | 1 | 1 | 14 | 5 |
| L 17+50W 3+25S | .1 | 26270 | 395 | 5 | 368 | 1.2 | 5 | 4620 | .1 | 18 | 96 | 48610 | 1110 | 27 | 8140 | 1264 | 3 | 80 | 27 | 1200 | 31 | 7 | 12 | 1 | 161 | 93.9 | 137 | 2 | 1 | 1 | 15 | 60 |
| L 17+50W 3+50S | .1 | 17410 | 135 | 5 | 206 | 1.1 | 3 | 1830 | .1 | 14 | 58 | 62170 | 1200 | 10 | 3110 | 1092 | 1 | 40 | 8 | 2600 | 24 | 6 | 12 | 1 | 254 | 66.8 | 128 | 1 | 1 | 1 | 1 | 5 |
| L 17+50W 3+75S | .8 | 21960 | 324 | 4 | 430 | 1.1 | 3 | 6860 | .1 | 25 | 146 | 56030 | 1210 | 23 | 9120 | 1280 | 1 | 100 | 32 | 770 | 26 | 12 | 12 | 1 | 172 | 108.9 | 116 | 1 | 1 | 2 | 18 | 20 |
| L 17+50W 4+00S | .7 | 20200 | 186 | 4 | 233 | .9 | 3 | 9000 | .1 | 14 | 66 | 49660 | 1140 | 19 | 6340 | 957 | 2 | 100 | 12 | 2120 | 20 | 3 | 21 | 1 | 260 | 96.4 | 118 | 2 | 1 | 2 | 13 | 45 |
| L 17+50W 4+25S | .1 | 27860 | 144 | 5 | 119 | .9 | 3 | 1990 | .1 | 15 | 79 | 46700 | 870 | 23 | 6510 | 810 | 1 | 80 | 18 | 1500 | 20 | 2 | 9 | 1 | 253 | 101.0 | 116 | 2 | 1 | 2 | 14 | 5 |
| L 17+50W 4+50S | .1 | 25360 | 216 | 4 | 121 | 1.1 | 3 | 2760 | .1 | 13 | 71 | 41990 | 1040 | 29 | 6760 | 715 | 1 | 80 | 27 | 1420 | 27 | 3 | 11 | 1 | 195 | 86.6 | 115 | 3 | 1 | 2 | 16 | 10 |
| L 17W 2+75S | .1 | 25050 | 275 | 4 | 157 | 1.6 | 4 | 3990 | .1 | 20 | 66 | 46500 | 960 | 29 | 5410 | 1628 | 3 | 60 | 17 | 1820 | 44 | 4 | 10 | 1 | 191 | 78.5 | 130 | 2 | 1 | 1 | 7 | 5 |
| L 17W 3+00S | .1 | 28650 | 231 | 7 | 876 | 1.4 | 3 | 5840 | .1 | 14 | 71 | 40740 | 2520 | 25 | 7260 | 1415 | 5 | 110 | 23 | 1050 | 41 | 1 | 12 | 1 | 207 | 82.7 | 133 | 2 | 1 | 2 | 13 | 15 |
| L 17W 3+25S | .1 | 34930 | 1 | 10 | 611 | 1.3 | 9 | 14300 | .1 | 24 | 94 | 62990 | 3000 | 60 | 15530 | 22638 | 1 | 110 | 49 | 8240 | 82 | 1 | 40 | 1 | 82 | 67.7 | 172 | 1 | 1 | 2 | 1 | 5 |
| L 17W 3+50S | .1 | 33490 | 416 | 5 | 287 | 1.3 | 4 | 4150 | .1 | 22 | 160 | 57200 | 2030 | 28 | 8860 | 1179 | 1 | 120 | 38 | 830 | 26 | 10 | 10 | 1 | 252 | 119.8 | 128 | 2 | 1 | 2 | 21 | 10 |
| L 17W 3+75S | .1 | 25520 | 197 | 5 | 412 | 1.5 | 3 | 5720 | .1 | 23 | 111 | 61700 | 2770 | 34 | 6990 | 3261 | 1 | 90 | 18 | 1890 | 31 | 7 | 13 | 1 | 208 | 93.6 | 117 | 1 | 1 | 1 | 7 | 20 |
| L 17W 4+00S | .3 | 30630 | 169 | 4 | 293 | 1.2 | 3 | 4600 | .1 | 14 | 78 | 42610 | 2640 | 32 | 7590 | 1286 | 2 | 110 | 16 | 1480 | 21 | 1 | 12 | 1 | 294 | 108.9 | 164 | 3 | 1 | 2 | 20 | 5 |
| L 17W 4+25S | .1 | 31260 | 242 | 7 | 161 | .9 | 4 | 3720 | .1 | 25 | 153 | 60850 | 2880 | 29 | 9020 | 1991 | 1 | 120 | 29 | 1520 | 28 | 8 | 11 | 1 | 397 | 130.7 | 170 | 1 | 1 | 2 | 20 | 10 |
| L 17W 4+50S | .1 | 34290 | 199 | 4 | 86 | 1.0 | 3 | 2170 | .1 | 15 | 99 | 45080 | 1620 | 28 | 6920 | 586 | 1 | 100 | 23 | 930 | 19 | 3 | 8 | 1 | 346 | 97.9 | 98 | 2 | 1 | 2 | 20 | 5 |
| L 16+50W 1+25N | 5.8 | 20050 | 426 | 3 | 151 | 1.0 | 4 | 590 | .1 | 16 | 123 | 56450 | 2750 | 25 | 3670 | 970 | 2 | 80 | 25 | 990 | 659 | 28 | 10 | 1 | 101 | 51.6 | 618 | 1 | 1 | 1 | 1 | 1000 |
| L 16+50W 1+00N | 7.7 | 21970 | 480 | 4 | 105 | .9 | 4 | 130 | .1 | 13 | 89 | 58690 | 3250 | 23 | 3060 | 587 | 1 | 90 | 12 | 790 | 1009 | 42 | 12 | 1 | 127 | 54.8 | 476 | 1 | 1 | 1 | 1 | 1035 |
| L 16+50W 0+75N | 2.2 | 29230 | 390 | 4 | 110 | 1.3 | 4 | 740 | .1 | 17 | 81 | 50840 | 2990 | 36 | 4900 | 853 | 1 | 100 | 44 | 870 | 457 | 13 | 11 | 1 | 229 | 65.0 | 496 | 2 | 1 | 1 | 12 | 225 |
| L 16+50W 0+50N | .4 | 23220 | 407 | 3 | 173 | 1.4 | 4 | 3810 | .1 | 30 | 105 | 50360 | 2300 | 24 | 6990 | 1033 | 4 | 180 | 79 | 1290 | 94 | 17 | 19 | 1 | 267 | 71.8 | 393 | 2 | 1 | 1 | 8 | 20 |
| L 16+50W 0+25N | .4 | 28030 | 381 | 3 | 142 | 1.0 | 4 | 2800 | .1 | 21 | 70 | 48770 | 1700 | 26 | 8280 | 1026 | 2 | 110 | 36 | 960 | 67 | 12 | 9 | 1 | 453 | 92.2 | 200 | 3 | 1 | 1 | 15 | 5 |
| L 16+50W 0+00N | .4 | 21970 | 322 | 3 | 196 | 1.2 | 5 | 5320 | .1 | 30 | 79 | 52550 | 1600 | 25 | 10250 | 1373 | 2 | 170 | 87 | 910 | 96 | 15 | 15 | 1 | 558 | 88.2 | 374 | 2 | 1 | 2 | 13 | 10 |
| L 16+50W 0+25S | 1.2 | 25440 | 197 | 3 | 154 | 1.1 | 6 | 7110 | .1 | 41 | 102 | 55880 | 1260 | 23 | 15600 | 1712 | 4 | 140 | 103 | 1430 | 157 | 5 | 17 | 1 | 693 | 94.4 | 669 | 2 | 1 | 2 | 18 | 5 |
| L 16+50W 0+50S | .6 | 20120 | 274 | 2 | 168 | 1.0 | 3 | 5130 | .1 | 20 | 61 | 44640 | 1580 | 22 | 7470 | 953 | 4 | 180 | 32 | 950 | 76 | 13 | 19 | 1 | 451 | 72.5 | 218 | 3 | 1 | 1 | 10 | 15 |
| L 16+50W 0+75S | .1 | 13650 | 2598 | 2 | 221 | .7 | 2 | 8030 | .1 | 41 | 85 | 69020 | 1030 | 21 | 3260 | 4246 | 3 | 50 | 79 | 2120 | 42 | 49 | 15 | 1 | 34 | 48.1 | 594 | 1 | 1 | 1 | 1 | 5 |
| L 16+50W 1+25S | .1 | 11510 | 133 | 1 | 69 | 1.0 | 1 | 2010 | .1 | 33 | 72 | 65410 | 890 | 14 | 2580 | 1038 | 1 | 30 | 46 | 450 | 14 | 14 | 8 | 1 | 43 | 76.4 | 394 | 1 | 1 | 1 | 1 | 5 |
| L 16+50W 1+50S | .1 | 7460 | 66 | 1 | 161 | 1.0 | 1 | 2950 | .1 | 27 | 95 | 53990 | 1770 | 5 | 1300 | 3086 | 2 | 60 | 17 | 480 | 28 | 11 | 7 | 1 | 23 | 27.7 | 196 | 1 | 1 | 1 | 1 | 5 |
| L 16+50W 1+75S | .1 | 27700 | 190 | 3 | 161 | 1.6 | 4 | 4560 | .1 | 28 | 95 | 54470 | 1820 | 38 | 7450 | 3623 | 3 | 140 | 23 | 1470 | 51 | 5 | 13 | 1 | 251 | 73.4 | 212 | 1 | 1 | 1 | 1 | 5 |
| L 16+50W 2+00S | .4 | 33770 | 242 | 4 | 214 | 1.4 | 5 | 5630 | .1 | 19 | 88 | 51520 | 3060 | 37 | 8890 | 1563 | 1 | 120 | 33 | 1630 | 31 | 3 | 14 | 1 | 465 | 113.6 | 271 | 3 | 1 | 2 | 15 | 15 |
| L 16+50W 2+25S | .1 | 22500 | 206 | 4 | 215 | 1.7 | 4 | 4390 | .1 | 24 | 79 | 54790 | 3060 | 31 | 6620 | 2467 | 1 | 90 | 44 | 1440 | 39 | 4 | 10 | 1 | 266 | 85.0 | 210 | 1 | 1 | 1 | 5 | 5 |
| L 16+50W 2+50S | .1 | 18200 | 107 | 2 | 335 | 1.6 | 2 | 5800 | .1 | 21 | 60 | 48020 | 2910 | 18 | 4570 | 1683 | 4 | 60 | 18 | 1470 | 30 | 1 | 10 | 1 | 45 | 71.8 | 137 | 1 | 1 | 1 | 1 | 5 |
| L 16+50W 2+75S | .1 | 20620 | 128 | 2 | 566 | 1.8 | 2 | 3760 | .1 | 15 | 53 | 57790 | 2430 | 24 | 5410 | 2196 | 6 | 50 | 11 | 1330 | 45 | 3 | 8 | 1 | 56 | 54.7 | 148 | 1 | 1 | 1 | 1 | 5 |
| L 16+50W 3+00S | .2 | 26910 | 133 | 4 | 372 | 2.0 | 3 | 5280 | .1 | 18 | 73 | 53070 | 3270 | 36 | 6660 | 2706 | 1 | 70 | 13 | 2220 | 56 | 4 | 10 | 1 | 102 | 80.0 | 164 | 2 | 1 | 1 | 4 | 5 |
| L 16+50W 3+25S | .8 | 27770 | 238 | 9 | 322 | 1.5 | 4 | 4110 | .1 | 19 | 99 | 52600 | 3120 | 36 | 8730 | 3021 | 1 | 90 | 24 | 1420 | 111 | 6 | 9 | 1 | 187 | 86.8 | 240 | 1 | 1 | 1 | 10 | 40 |
| L 16+50W 3+50S | .1 | 34110 | 257 | 8 | 210 | 1.7 | 4 | 4810 | .1 | 21 | 101 | 53650 | 2640 | 30 | 9660 | 3633 | 1 | 100 | 29 | 1340 | 33 | 6 | 9 | 1 | 261 | 140.6 | 115 | 1 | 1 | 2 | 22 | 15 |
| L 16+50W 3+75S | .1 | 27690 | 278 | 6 | 197 | 1.1 | 2 | 4330 | .1 | 18 | 96 | 49600 | 2080 | 29 | 6940 | 1158 | 1 | 110 | 21 | 1480 | 20 | 5 | 12 | 1 | 303 | 119.8 | 139 | 3 | 1 | 2 | 21 | 100 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW GRIOL
ATTN: G.CROWE

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0215-SJ1+2
DATE: 91/07/30
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15+50W 1+50N | .1 | 10680 | 2323 | 8 | 43 | 1.8 | 1 | 180 | 6.6 | 108 | 142 | 79150 | 970 | 12 | 2390 | 5841 | 33 | 20 | 205 | 720 | 1046 | 32 | 4 | 1 | 8 | 16.2 | 1909 | 1 | 1 | 1 | 1 | 190 |
| 15+50W 1+25N | .1 | 8170 | 501 | 5 | 139 | .2 | 1 | 200 | 1.6 | 30 | 49 | 75310 | 1130 | 5 | 1560 | 2331 | 1 | 20 | 42 | 770 | 295 | 7 | 5 | 1 | 18 | 33.8 | 1203 | 1 | 1 | 1 | 1 | 215 |
| 15+50W 1+00N | .1 | 27560 | 398 | 3 | 235 | .6 | 1 | 290 | .1 | 14 | 76 | 42710 | 1660 | 22 | 5490 | 483 | 2 | 60 | 41 | 750 | 25 | 5 | 8 | 1 | 132 | 55.8 | 335 | 1 | 1 | 1 | 9 | 100 |
| 15+50W 0+75N | 1.1 | 14450 | 395 | 3 | 160 | .7 | 1 | 3210 | 13.1 | 16 | 68 | 41820 | 2330 | 16 | 4360 | 718 | 2 | 80 | 38 | 620 | 211 | 11 | 23 | 1 | 105 | 41.9 | 929 | 1 | 1 | 1 | 3 | 80 |
| 15+50W 0+50N | .2 | 27570 | 299 | 4 | 101 | .5 | 1 | 1190 | .1 | 32 | 105 | 77940 | 1920 | 22 | 5480 | 1321 | 1 | 90 | 42 | 1280 | 203 | 5 | 14 | 1 | 65 | 52.2 | 404 | 1 | 1 | 1 | 1 | 80 |
| 15+50W 0+25N | .1 | 15090 | 166 | 2 | 116 | .7 | 4 | 5620 | .1 | 24 | 54 | 41330 | 830 | 13 | 5180 | 814 | 4 | 120 | 34 | 1620 | 68 | 5 | 26 | 2 | 50 | 37.0 | 268 | 1 | 1 | 1 | 1 | 10 |
| 15+50W 0+00N | .5 | 22240 | 402 | 2 | 165 | 1.0 | 3 | 2240 | .1 | 31 | 90 | 49420 | 1680 | 23 | 6270 | 1033 | 3 | 110 | 62 | 1000 | 325 | 17 | 16 | 1 | 137 | 62.4 | 397 | 1 | 1 | 1 | 5 | 105 |
| 15+50W 0+25S | .6 | 22050 | 342 | 2 | 111 | .7 | 3 | 1800 | .1 | 30 | 102 | 58210 | 1360 | 21 | 6940 | 1098 | 3 | 110 | 43 | 1410 | 360 | 9 | 18 | 1 | 95 | 60.5 | 330 | 1 | 1 | 1 | 4 | 85 |
| 15+50W 0+50S | .1 | 20800 | 303 | 3 | 123 | .7 | 3 | 2530 | .1 | 68 | 81 | 57050 | 1090 | 25 | 6570 | 3691 | 3 | 90 | 93 | 1730 | 72 | 9 | 16 | 1 | 137 | 64.1 | 482 | 1 | 1 | 1 | 1 | 15 |
| 15+50W 0+75S | .3 | 21730 | 442 | 3 | 192 | 1.0 | 3 | 3610 | .1 | 22 | 74 | 43790 | 1390 | 24 | 7250 | 1156 | 2 | 120 | 49 | 950 | 117 | 21 | 16 | 1 | 209 | 70.0 | 281 | 2 | 1 | 1 | 10 | 40 |
| 15+50W 1+00S | .1 | 19380 | 415 | 2 | 117 | .8 | 3 | 2170 | .1 | 18 | 61 | 40850 | 970 | 20 | 6270 | 957 | 3 | 70 | 31 | 980 | 78 | 18 | 11 | 1 | 128 | 63.3 | 205 | 1 | 1 | 1 | 8 | 20 |
| 15+50W 1+25S | .8 | 26910 | 381 | 3 | 166 | .9 | 3 | 2830 | .1 | 15 | 99 | 44000 | 1370 | 32 | 8150 | 896 | 2 | 90 | 43 | 910 | 60 | 13 | 9 | 1 | 185 | 74.7 | 223 | 1 | 1 | 1 | 13 | 5 |
| 15+50W 1+50S | .8 | 24590 | 686 | 2 | 152 | .9 | 3 | 2590 | .1 | 18 | 73 | 43050 | 1180 | 23 | 8120 | 1245 | 2 | 80 | 38 | 920 | 220 | 14 | 8 | 1 | 219 | 76.1 | 381 | 1 | 1 | 2 | 12 | 10 |
| 15+50W 1+75S | .4 | 28430 | 403 | 3 | 135 | .9 | 4 | 2010 | .1 | 18 | 68 | 45140 | 1030 | 22 | 7320 | 1239 | 2 | 640 | 37 | 1190 | 161 | 10 | 9 | 1 | 300 | 78.2 | 269 | 1 | 1 | 1 | 11 | 5 |
| 14+50W 1+75N | 6.3 | 29510 | 4588 | 2 | 48 | .8 | 6 | 8520 | .1 | 42 | 157 | 72740 | 1770 | 20 | 19200 | 2002 | 1 | 630 | 91 | 720 | 379 | 24 | 31 | 1 | 351 | 64.7 | 265 | 1 | 1 | 1 | 1 | 340 |
| 14+50W 1+50N | .8 | 26930 | 359 | 1 | 94 | .8 | 5 | 8320 | .1 | 24 | 53 | 40460 | 1190 | 23 | 19790 | 1683 | 1 | 90 | 78 | 450 | 172 | 1 | 39 | 1 | 355 | 70.0 | 332 | 1 | 1 | 1 | 19 | 10 |
| 14+50W 1+25N | .1 | 21840 | 219 | 1 | 155 | .8 | 3 | 4580 | .1 | 16 | 53 | 35660 | 1030 | 23 | 7660 | 731 | 1 | 100 | 45 | 470 | 27 | 2 | 21 | 1 | 177 | 66.8 | 109 | 2 | 1 | 1 | 18 | 30 |
| 14+50W 1+00N | 8.1 | 3960 | 516 | 2 | 110 | .2 | 1 | 3240 | .1 | 5 | 78 | 39740 | 5020 | 1 | 600 | 51 | 1 | 120 | 2 | 320 | 88 | 21 | 27 | 1 | 22 | 10.9 | 265 | 1 | 1 | 1 | 1 | 1340 |
| 14+50W 0+75N | .4 | 15700 | 592 | 1 | 270 | .7 | 2 | 6600 | .1 | 17 | 83 | 38550 | 1890 | 17 | 5530 | 695 | 3 | 140 | 44 | 800 | 42 | 23 | 25 | 1 | 96 | 57.9 | 116 | 1 | 1 | 1 | 9 | 95 |
| 14+50W 0+50N | .5 | 10770 | 545 | 1 | 140 | .6 | 1 | 3490 | .1 | 10 | 62 | 34760 | 1780 | 12 | 3330 | 356 | 3 | 80 | 19 | 460 | 41 | 16 | 22 | 1 | 69 | 35.0 | 170 | 1 | 1 | 1 | 4 | 220 |
| 14+50W 0+25N | .1 | 14210 | 309 | 1 | 109 | .5 | 1 | 3690 | .1 | 12 | 57 | 49930 | 1400 | 14 | 3870 | 426 | 1 | 90 | 16 | 840 | 67 | 6 | 19 | 1 | 90 | 46.4 | 177 | 1 | 1 | 1 | 1 | 50 |
| 14+50W 0+00N | .1 | 6900 | 25 | 1 | 29 | .2 | 1 | 2630 | .1 | 3 | 30 | 28960 | 320 | 2 | 1760 | 87 | 1 | 120 | 1 | 380 | 12 | 1 | 11 | 1 | 8 | 12.0 | 54 | 1 | 1 | 1 | 1 | 5 |
| 14+50W 0+25S | .1 | 7500 | 74 | 1 | 43 | .4 | 2 | 4070 | .1 | 21 | 43 | 32710 | 480 | 2 | 1550 | 749 | 1 | 40 | 70 | 400 | 80 | 2 | 14 | 6 | 12 | 9.2 | 388 | 1 | 1 | 1 | 1 | 5 |
| 14+50W 0+50S | .3 | 17000 | 448 | 1 | 307 | .8 | 2 | 6500 | .1 | 23 | 68 | 37580 | 1310 | 22 | 7150 | 981 | 2 | 160 | 54 | 860 | 54 | 24 | 25 | 1 | 263 | 65.7 | 142 | 1 | 1 | 1 | 13 | 40 |
| 14+50W 0+75S | .1 | 21820 | 405 | 1 | 102 | .9 | 2 | 1290 | .1 | 27 | 93 | 59540 | 1160 | 22 | 6210 | 1202 | 5 | 90 | 35 | 1140 | 72 | 15 | 11 | 1 | 141 | 68.8 | 277 | 1 | 1 | 1 | 1 | 30 |
| 14+50W 1+00S | .1 | 19520 | 375 | 1 | 107 | .8 | 2 | 1680 | .1 | 20 | 64 | 46420 | 1050 | 26 | 6390 | 1257 | 2 | 70 | 39 | 730 | 73 | 15 | 8 | 1 | 158 | 69.7 | 244 | 1 | 1 | 1 | 5 | 125 |
| 14+50W 1+25S | .3 | 24730 | 403 | 1 | 120 | 1.0 | 2 | 1290 | .1 | 19 | 65 | 47750 | 1470 | 33 | 5920 | 1411 | 3 | 390 | 42 | 1480 | 79 | 15 | 10 | 1 | 193 | 73.6 | 356 | 1 | 1 | 1 | 7 | 10 |
| 14+50W 1+50S | .1 | 20440 | 348 | 1 | 147 | .8 | 2 | 3480 | .1 | 20 | 60 | 43300 | 1130 | 24 | 5290 | 1844 | 2 | 290 | 39 | 1340 | 83 | 14 | 12 | 1 | 186 | 64.5 | 325 | 1 | 1 | 1 | 5 | 30 |
| 14+50W 1+75S | .9 | 18800 | 681 | 1 | 223 | 1.0 | 3 | 4260 | .1 | 16 | 58 | 41450 | 830 | 27 | 7060 | 1326 | 3 | 340 | 29 | 1470 | 284 | 12 | 12 | 1 | 119 | 64.4 | 414 | 1 | 1 | 1 | 6 | 25 |
| 14+50W 2+00S | 1.2 | 19080 | 448 | 1 | 220 | 1.3 | 3 | 6140 | .1 | 22 | 54 | 43240 | 700 | 35 | 13750 | 3070 | 2 | 310 | 28 | 1200 | 220 | 5 | 14 | 1 | 83 | 58.0 | 308 | 1 | 1 | 1 | 1 | 5 |
| 14+50W 2+25S | .3 | 17080 | 206 | 7 | 191 | 1.2 | 2 | 5090 | .1 | 15 | 52 | 37940 | 770 | 22 | 8300 | 1245 | 2 | 70 | 26 | 1220 | 55 | 6 | 12 | 1 | 138 | 60.3 | 167 | 2 | 1 | 1 | 8 | 85 |
| 14+50W 2+50S | .2 | 16170 | 219 | 5 | 201 | 1.0 | 2 | 4840 | .1 | 13 | 47 | 35100 | 730 | 23 | 8510 | 1058 | 2 | 60 | 23 | 1000 | 44 | 5 | 11 | 1 | 126 | 58.0 | 125 | 2 | 1 | 1 | 7 | 20 |
| 2+00W 2+00N | .5 | 25600 | 381 | 6 | 113 | 1.5 | 2 | 6970 | 29.0 | 37 | 112 | 61360 | 970 | 33 | 9100 | 1913 | 1 | 40 | 110 | 1050 | 39 | 2 | 32 | 1 | 35 | 60.2 | 1441 | 1 | 1 | 1 | 1 | 360 |
| 2+00W 1+75N | .7 | 36410 | 650 | 8 | 98 | 1.6 | 3 | 10170 | .1 | 37 | 149 | 67100 | 1370 | 29 | 13400 | 1494 | 3 | 160 | 117 | 720 | 81 | 6 | 110 | 1 | 106 | 58.9 | 554 | 1 | 2 | 1 | 1 | 425 |
| 2+00W 1+50N | .7 | 36990 | 679 | 7 | 99 | 1.5 | 3 | 9870 | .1 | 37 | 148 | 68680 | 1260 | 31 | 13940 | 1511 | 2 | 170 | 116 | 720 | 67 | 4 | 117 | 1 | 82 | 59.0 | 557 | 1 | 2 | 1 | 1 | 430 |
| 2+00W 1+00N | .3 | 17090 | 846 | 4 | 74 | 1.2 | 2 | 5630 | .1 | 18 | 71 | 40360 | 1760 | 22 | 5270 | 529 | 1 | 50 | 75 | 560 | 17 | 13 | 43 | 2 | 41 | 34.9 | 87 | 2 | 1 | 1 | 11 | 75 |
| 2+00W 0+75N | .2 | 18210 | 364 | 3 | 83 | 1.0 | 2 | 5240 | .1 | 16 | 56 | 35150 | 1180 | 25 | 6140 | 594 | 1 | 60 | 53 | 490 | 18 | 4 | 22 | 1 | 75 | 41.5 | 87 | 3 | 1 | 1 | 10 | 80 |
| 2+00W 0+50N | .3 | 3910 | 231 | 1 | 38 | .7 | 2 | 3950 | .1 | 13 | 31 | 21220 | 720 | 2 | 1090 | 662 | 1 | 20 | 43 | 370 | 12 | 9 | 8 | 1 | 13 | 11.9 | 37 | 1 | 1 | 1 | 1 | 35 |
| 2+00W 0+25N | .2 | 8730 | 238 | 2 | 98 | .8 | 2 | 3070 | .1 | 10 | 51 | 35560 | 1720 | 10 | 1220 | 191 | 1 | 60 | 24 | 460 | 7 | 9 | 17 | 1 | 17 | 24.1 | 29 | 1 | 1 | 1 | 1 | 270 |
| 2+00W 0+00N | .7 | 5960 | 474 | 1 | 88 | .5 | 2 | 260 | .1 | 3 | 47 | 27260 | 1610 | 2 | 720 | 41 | 2 | 20 | 1 | 330 | 34 | 43 | 19 | 1 | 14 | 12.9 | 29 | 1 | 1 | 1 | 1 | 450 |
| 2+00W 0+25S | .7 | 9370 | 734 | 1 | 92 | .9 | 1 | 2270 | .1 | 9 | 79 | 29830 | 1900 | 13 | 1440 | 143 | 2 | 50 | 17 | 390 | 122 | 75 | 20 | 1 | 22 | 23.7 | 46 | 1 | 1 | 1 | 3 | 260 |
| 2+00W 0+50S | 1.7 | 10990 | 874 | 1 | 116 | .9 | 3 | 3780 | .1 | 8 | 105 | 28560 | 2390 | 17 | 1980 | 150 | 2 | 60 | 22 | 570 | 387 | 237 | 33 | 1 | 25 | 25.7 | 82 | 1 | 1 | 1 | 5 | 315 |
| 2+00W 0+75S | 2.7 | 10880 | 1210 | 2 | 127 | .8 | 5 | 4740 | .1 | 8 | 147 | 29090 | 3020 | 21 | 2100 | 139 | 2 | 70 | 33 | 580 | 655 | 321 | 45 | 1 | 34 | 26.4 | 135 | 1 | 1 | 1 | 5 | 340 |
| 2+00W 1+00S | 2.9 | 8660 | 768 | 1 | 121 | .6 | 3 | 2370 | .1 | 6 | 76 | 24510 | 2640 | 10 | 1590 | 121 | 2 | 60 | 10 | 520 | 459 | 237 | 31 | 1 | 30 | 22.5 | 69 | 1 | 1 | 1 | 4 | 380 |
| 2+00W 1+25S | 2.7 | 8400 | 848 | 1 | 104 | .6 | 4 | 2130 | .1 | 6 | 81 | 24310 | 2480 | 10 | 1630 | 124 | 2 | 60 | 10 | 460 | 571 | 258 | 27 | 1 | 28 | 22.5 | 66 | 1 | 1 | 1 | 4 | 480 |
| 2+00W 1+50S | 4.8 | 10540 | 1038 | 1 | 137 | .6 | 4 | 1750 | .1 | 6 | 73 | 28010 | 2520 | 10 | 2070 | 210 | 3 | 600 | 10 | 910 | 529 | 284 | 28 | 1 | 47 | 28.6 | 65 | 1 | 1 | 1 | 5 | 390 |
| 2+00W 1+75S | 2.1 | 10450 | 790 | 1 | 99 | .6 | 4 | 790 | .1 | 10 | 50 | 27180 | 2200 | 11 | 1900 | 584 | 3 | 540 | 9 | 720 | 384 | 199 | 20 | 1 | 44 | 27.5 | 49 | 1 | 1 | 1 | 5 | 175 |
| 2+00W 2+00S | 2.4 | 9570 | 571 | 1 | 132 | .6 | 3 | 6200 | .1 | 5 | 47 | 19920 | 1680 | 11 | 2420 | 166 | 2 | 530 | 7 | 840 | 402 | 206 | 29 | 1 | 52 | 25.1 | 66 | 2 | 1 | 1 | 7 | 180 |
| 2+00W 2+25S | .9 | 15370 | 453 | 1 | 79 | .7 | 2 | 1600 | .1 | 14 | 50 | 30790 | 1230 | 18 | 3470 | 717 | 3 | 580 | 29 | 1140 | 132 | 52 | 19 | 1 | 76 | 36.7 | 87 | 2 | 1 | 1 | 9 | 170 |
| 2+00W 2+50S | .5 | 15180 | 429 | 1 | 89 | .9 | 2 | 3210 | .1 | 11 | 51 | 31400 | 1300 | 18 | 3840 | 523 | 2 | 60 | 33 | 650 | 51 | 17 | 24 | 1 | 64 | 35.5 | 104 | 2 | 1 | 1 | 10 | 145 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW P.O. GRIOL
ATTN: G.CROWE/J.BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0266-SJ1+2
DATE: 91/08/06
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L12+50W 0+25S | .5 | 17600 | 503 | 1 | 292 | .9 | 1 | 4830 | .1 | 17 | 74 | 43590 | 2280 | 21 | 4230 | 948 | 3 | 90 | 26 | 1120 | 92 | 10 | 31 | 1 | 69 | 50.7 | 137 | 1 | 1 | 1 | 22 | 110 |
| L12+50W 0+50S | 1.8 | 12820 | 1635 | 1 | 184 | .5 | 7 | 3320 | .1 | 22 | 110 | 49900 | 3260 | 20 | 3410 | 733 | 6 | 110 | 30 | 850 | 146 | 38 | 42 | 1 | 40 | 35.8 | 212 | 1 | 1 | 1 | 18 | 1100 |
| L12+50W 0+75S | .4 | 14470 | 430 | 1 | 141 | .8 | 1 | 2830 | .1 | 19 | 76 | 44030 | 1740 | 30 | 4370 | 1265 | 1 | 70 | 24 | 920 | 74 | 7 | 17 | 1 | 116 | 50.9 | 361 | 2 | 1 | 1 | 24 | 130 |
| L12+50W 1+00S | 1.1 | 22300 | 713 | 1 | 168 | 1.3 | 1 | 3690 | 18.0 | 26 | 124 | 47510 | 2200 | 40 | 6680 | 1872 | 1 | 110 | 64 | 950 | 232 | 12 | 19 | 1 | 168 | 60.5 | 1790 | 1 | 1 | 1 | 26 | 100 |
| L12+50W 1+25S | 1.2 | 23690 | 646 | 1 | 198 | 1.1 | 2 | 5310 | 22.1 | 20 | 91 | 42770 | 2720 | 42 | 7320 | 1032 | 1 | 150 | 48 | 790 | 291 | 19 | 19 | 1 | 229 | 68.4 | 1168 | 2 | 1 | 2 | 30 | 100 |
| L12+50W 1+75S | 1.0 | 32900 | 275 | 1 | 83 | .8 | 4 | 13130 | .1 | 19 | 104 | 48590 | 2000 | 38 | 11270 | 2449 | 1 | 210 | 38 | 1270 | 144 | 1 | 48 | 1 | 699 | 95.3 | 368 | 2 | 1 | 2 | 40 | 190 |
| L12+50W 2+25S | .4 | 10060 | 1190 | 1 | 768 | .3 | 1 | 9030 | .1 | 27 | 63 | 71450 | 1130 | 15 | 3390 | 3985 | 2 | 80 | 23 | 2800 | 430 | 18 | 24 | 1 | 67 | 59.4 | 671 | 1 | 1 | 1 | 12 | 20 |
| L12+50W 2+50S | .1 | 3850 | 1822 | 1 | 3600 | .1 | 1 | 8420 | .1 | 25 | 35 | 140300 | 840 | 1 | 2430 | 9272 | 1 | 50 | 1 | 930 | 58 | 34 | 26 | 1 | 10 | 24.7 | 185 | 1 | 1 | 1 | 3 | 10 |
| L12+50W 3+00S | 2.1 | 12210 | 184 | 1 | 2253 | 1.1 | 1 | 9990 | .2 | 21 | 86 | 56960 | 1410 | 16 | 5840 | 3289 | 1 | 50 | 12 | 1100 | 249 | 11 | 34 | 1 | 50 | 46.2 | 330 | 1 | 1 | 1 | 13 | 30 |
| L12+50W 3+25S | 1.1 | 19850 | 163 | 1 | 660 | 1.1 | 1 | 9860 | .1 | 16 | 90 | 46900 | 1790 | 27 | 9540 | 1686 | 1 | 160 | 13 | 1600 | 55 | 3 | 23 | 1 | 168 | 58.4 | 155 | 2 | 1 | 2 | 29 | 5 |
| L12+50W 3+50S | .7 | 18600 | 607 | 1 | 287 | .2 | 2 | 6300 | .1 | 23 | 117 | 45720 | 1360 | 22 | 8690 | 1063 | 1 | 220 | 35 | 260 | 46 | 20 | 16 | 1 | 548 | 88.2 | 135 | 3 | 1 | 2 | 32 | 40 |
| L12+50W 3+75S | .5 | 25860 | 506 | 1 | 340 | .7 | 1 | 8370 | .1 | 21 | 136 | 64250 | 2290 | 17 | 6400 | 1549 | 1 | 80 | 13 | 1310 | 70 | 5 | 18 | 1 | 133 | 131.4 | 233 | 1 | 1 | 2 | 35 | 20 |
| L12+50W 4+00S | .4 | 25410 | 505 | 1 | 254 | .7 | 1 | 10360 | .1 | 41 | 199 | 50110 | 1920 | 24 | 8410 | 1584 | 1 | 130 | 25 | 2090 | 39 | 2 | 24 | 1 | 464 | 106.9 | 173 | 1 | 1 | 3 | 37 | 10 |
| L12+50W 4+25S | .7 | 22150 | 352 | 1 | 258 | .8 | 1 | 14880 | .1 | 33 | 202 | 40270 | 1860 | 20 | 7540 | 1197 | 1 | 140 | 29 | 1620 | 33 | 4 | 29 | 1 | 289 | 84.6 | 133 | 2 | 1 | 2 | 30 | 5 |
| L12+50W 4+50S | .1 | 19290 | 59 | 1 | 172 | .2 | 1 | 6900 | .1 | 44 | 313 | 72350 | 1500 | 14 | 6130 | 1722 | 1 | 40 | 40 | 490 | 14 | 1 | 12 | 1 | 52 | 173.7 | 109 | 1 | 1 | 6 | 119 | 10 |
| L12+50W 4+75S | .3 | 20440 | 200 | 1 | 242 | .7 | 1 | 9180 | .1 | 24 | 206 | 52360 | 1300 | 15 | 6830 | 1639 | 1 | 570 | 16 | 2510 | 30 | 5 | 22 | 1 | 168 | 125.6 | 109 | 1 | 1 | 3 | 40 | 5 |
| L12+50W 5+00S | .1 | 23520 | 253 | 1 | 254 | .7 | 1 | 10610 | .1 | 30 | 149 | 56520 | 1350 | 21 | 7640 | 2057 | 1 | 520 | 25 | 2060 | 30 | 3 | 23 | 1 | 128 | 128.7 | 108 | 1 | 1 | 3 | 50 | 20 |
| L12+00W 2+75S | .6 | 20760 | 473 | 1 | 289 | .5 | 3 | 7860 | .1 | 21 | 62 | 59960 | 1060 | 23 | 9410 | 2131 | 1 | 350 | 19 | 1790 | 122 | 4 | 27 | 1 | 582 | 115.7 | 396 | 1 | 1 | 4 | 68 | 110 |
| L12+00W 3+00S | .5 | 20050 | 618 | 1 | 240 | .8 | 1 | 7110 | .1 | 22 | 106 | 44680 | 1400 | 26 | 9870 | 1167 | 1 | 230 | 37 | 520 | 48 | 20 | 20 | 1 | 330 | 85.4 | 112 | 3 | 1 | 2 | 33 | 50 |
| L12+00W 3+25S | .1 | 10220 | 316 | 1 | 285 | .3 | 1 | 10520 | .1 | 41 | 151 | 69630 | 1760 | 13 | 4610 | 2357 | 1 | 60 | 20 | 940 | 21 | 9 | 16 | 1 | 38 | 103.7 | 81 | 1 | 1 | 2 | 31 | 10 |
| L12+00W 3+50S | .1 | 15770 | 250 | 1 | 234 | .4 | 1 | 6910 | .1 | 33 | 114 | 68720 | 1340 | 14 | 7340 | 1556 | 1 | 100 | 17 | 1130 | 31 | 11 | 15 | 1 | 151 | 122.9 | 107 | 1 | 1 | 4 | 49 | 5 |
| L12+00W 3+75S | .1 | 17750 | 163 | 1 | 300 | .5 | 1 | 6920 | .1 | 38 | 97 | 99200 | 1580 | 8 | 5330 | 2974 | 1 | 40 | 18 | 1220 | 86 | 7 | 16 | 1 | 56 | 233.7 | 107 | 1 | 1 | 5 | 59 | 5 |
| L12+00W 4+00S | .1 | 19400 | 299 | 1 | 154 | .7 | 1 | 6440 | .1 | 28 | 127 | 62890 | 1580 | 17 | 8070 | 1500 | 1 | 110 | 20 | 1290 | 29 | 11 | 15 | 1 | 158 | 152.2 | 154 | 2 | 1 | 4 | 48 | 10 |
| L12+00W 4+25S | .1 | 25490 | 310 | 1 | 133 | .7 | 2 | 6250 | .1 | 19 | 110 | 50030 | 1280 | 20 | 7660 | 855 | 1 | 480 | 23 | 1820 | 35 | 3 | 16 | 1 | 188 | 124.9 | 149 | 3 | 1 | 3 | 42 | 5 |
| L12+00W 4+50S | .5 | 9170 | 111 | 1 | 55 | .4 | 1 | 2200 | .1 | 10 | 53 | 20910 | 520 | 4 | 3460 | 461 | 1 | 40 | 8 | 390 | 14 | 5 | 5 | 1 | 74 | 57.0 | 49 | 3 | 1 | 2 | 21 | 10 |
| L12+00W 4+75S | .1 | 18880 | 186 | 1 | 198 | .5 | 1 | 6380 | .1 | 39 | 224 | 75150 | 1930 | 13 | 8940 | 2194 | 1 | 80 | 22 | 1250 | 28 | 17 | 14 | 1 | 155 | 195.0 | 136 | 1 | 1 | 5 | 63 | 5 |
| L12+00W 5+00S | .1 | 14490 | 238 | 1 | 145 | .4 | 1 | 6520 | .1 | 35 | 153 | 73390 | 1590 | 9 | 6210 | 2053 | 1 | 50 | 23 | 1130 | 32 | 28 | 15 | 1 | 95 | 165.0 | 130 | 1 | 1 | 5 | 63 | 5 |
| L2+50W 1+75N | .8 | 31280 | 685 | 1 | 114 | .9 | 2 | 9700 | 13.8 | 40 | 133 | 63090 | 1250 | 30 | 18150 | 2446 | 1 | 90 | 124 | 2030 | 27 | 8 | 65 | 1 | 142 | 70.0 | 857 | 2 | 1 | 2 | 40 | 430 |
| L2+50W 1+50N | .7 | 26570 | 570 | 1 | 117 | .9 | 3 | 7230 | 12.9 | 28 | 108 | 56310 | 1240 | 27 | 12110 | 1379 | 1 | 60 | 72 | 1160 | 25 | 5 | 44 | 2 | 126 | 65.4 | 873 | 4 | 1 | 2 | 34 | 1200 |
| L2+50W 1+25N | .8 | 27840 | 627 | 1 | 92 | .9 | 2 | 6490 | .1 | 24 | 102 | 51280 | 1120 | 25 | 11500 | 1203 | 1 | 70 | 69 | 1040 | 24 | 7 | 39 | 2 | 124 | 63.0 | 339 | 5 | 1 | 3 | 36 | 300 |
| L2+50W 1+00N | .4 | 33160 | 426 | 1 | 123 | 1.1 | 1 | 8290 | .1 | 21 | 87 | 48240 | 1970 | 29 | 10160 | 1051 | 1 | 540 | 69 | 1120 | 23 | 1 | 35 | 1 | 214 | 67.4 | 316 | 3 | 1 | 2 | 38 | 110 |
| L2+50W 0+75N | .5 | 35920 | 386 | 1 | 102 | 1.0 | 7 | 5420 | .1 | 18 | 85 | 50360 | 2140 | 41 | 8810 | 676 | 1 | 140 | 62 | 690 | 56 | 1 | 26 | 2 | 387 | 64.4 | 277 | 2 | 1 | 2 | 40 | 200 |
| L2+50W 0+50N | .5 | 26890 | 168 | 1 | 208 | 1.0 | 2 | 8350 | .1 | 24 | 70 | 48020 | 3010 | 29 | 9050 | 1048 | 1 | 340 | 56 | 1050 | 26 | 1 | 38 | 1 | 560 | 95.0 | 130 | 2 | 1 | 3 | 45 | 90 |
| L2+50W 0+25N | .3 | 23160 | 203 | 1 | 190 | .5 | 4 | 4630 | .1 | 13 | 40 | 36590 | 1400 | 17 | 5560 | 933 | 1 | 360 | 28 | 1480 | 23 | 3 | 28 | 1 | 286 | 71.3 | 130 | 3 | 1 | 2 | 32 | 40 |
| L2+50W 0+00 | 6.9 | 11260 | 707 | 1 | 103 | .6 | 4 | 2680 | .1 | 7 | 100 | 22920 | 3000 | 13 | 1680 | 132 | 1 | 50 | 13 | 430 | 845 | 400 | 30 | 1 | 51 | 26.2 | 48 | 2 | 1 | 1 | 14 | 2400 |
| L2+50W 0+25S | 5.2 | 12220 | 719 | 1 | 112 | .7 | 6 | 2790 | .1 | 10 | 91 | 30590 | 2680 | 8 | 1980 | 247 | 1 | 60 | 20 | 660 | 987 | 333 | 34 | 2 | 44 | 32.4 | 63 | 2 | 1 | 1 | 17 | 350 |
| L2+50W 0+50S | 3.5 | 15690 | 958 | 1 | 125 | .7 | 3 | 2660 | .1 | 10 | 86 | 33920 | 2730 | 9 | 2340 | 353 | 1 | 70 | 20 | 920 | 799 | 278 | 35 | 1 | 49 | 35.2 | 72 | 1 | 1 | 1 | 17 | 200 |
| L2+50W 0+75S | 3.6 | 15220 | 1052 | 1 | 130 | 1.0 | 3 | 2470 | .1 | 11 | 90 | 35940 | 2770 | 11 | 2440 | 302 | 1 | 70 | 24 | 740 | 859 | 381 | 34 | 1 | 47 | 35.4 | 80 | 1 | 1 | 1 | 18 | 190 |
| L2+50W 1+00S | 1.5 | 18250 | 860 | 1 | 126 | .9 | 3 | 2720 | .1 | 14 | 102 | 46710 | 2250 | 17 | 3900 | 514 | 3 | 70 | 29 | 960 | 460 | 198 | 30 | 1 | 88 | 50.4 | 121 | 2 | 1 | 2 | 26 | 210 |
| L2+50W 1+25S | 4.0 | 18400 | 1068 | 1 | 138 | .8 | 3 | 1790 | .1 | 10 | 81 | 35460 | 2600 | 16 | 2990 | 320 | 1 | 80 | 19 | 840 | 730 | 366 | 30 | 1 | 65 | 40.2 | 96 | 2 | 1 | 1 | 21 | 200 |
| L2+50W 1+50S | .5 | 23790 | 487 | 1 | 113 | 1.1 | 2 | 4120 | .1 | 15 | 66 | 37420 | 2350 | 27 | 5000 | 463 | 1 | 130 | 43 | 690 | 29 | 15 | 28 | 2 | 149 | 52.0 | 77 | 3 | 1 | 2 | 36 | 180 |
| L2+50W 1+75S | .6 | 24790 | 497 | 1 | 138 | 1.0 | 2 | 4910 | .1 | 19 | 63 | 39260 | 2920 | 26 | 5880 | 634 | 1 | 180 | 53 | 710 | 40 | 14 | 30 | 3 | 231 | 57.8 | 95 | 4 | 1 | 2 | 38 | 110 |
| L2+50W 2+00S | .6 | 30650 | 706 | 1 | 130 | 1.1 | 3 | 3450 | .1 | 24 | 102 | 46430 | 2560 | 30 | 6280 | 985 | 1 | 160 | 47 | 1020 | 51 | 24 | 23 | 2 | 209 | 68.6 | 135 | 4 | 1 | 2 | 40 | 80 |
| L2+50W 2+25S | .5 | 32190 | 679 | 1 | 107 | 1.1 | 3 | 1600 | .1 | 24 | 96 | 46110 | 2030 | 27 | 5060 | 1233 | 1 | 100 | 37 | 1640 | 57 | 21 | 19 | 1 | 167 | 67.0 | 139 | 3 | 1 | 2 | 37 | 90 |
| L2+50W 2+50S | .6 | 26720 | 639 | 1 | 157 | 1.1 | 3 | 6320 | .1 | 24 | 104 | 51000 | 2270 | 28 | 7790 | 1027 | 1 | 140 | 60 | 1020 | 34 | 15 | 30 | 2 | 215 | 76.0 | 143 | 4 | 1 | 3 | 45 | 140 |
| L2+50W 2+75S | .7 | 25070 | 815 | 1 | 129 | .9 | 3 | 3640 | .1 | 25 | 130 | 45180 | 2180 | 23 | 5720 | 1003 | 1 | 110 | 43 | 850 | 77 | 41 | 22 | 2 | 215 | 65.0 | 176 | 3 | 1 | 2 | 32 | 240 |
| L2+50W 3+00S | 1.3 | 25900 | 882 | 1 | 163 | .7 | 3 | 5980 | .1 | 23 | 142 | 46790 | 2640 | 26 | 6060 | 824 | 1 | 140 | 39 | 870 | 78 | 45 | 32 | 2 | 187 | 66.3 | 187 | 3 | 1 | 2 | 32 | 3500 |
| L2+00W 2+75S | .8 | 27500 | 394 | 1 | 130 | 1.1 | 2 | 2510 | .1 | 11 | 56 | 33520 | 1770 | 24 | 4770 | 454 | 1 | 110 | 36 | 1230 | 27 | 10 | 23 | 2 | 108 | 51.4 | 86 | 4 | 1 | 2 | 33 | 100 |
| L2+00W 3+00S | .6 | 21950 | 458 | 1 | 97 | .9 | 2 | 2540 | .1 | 10 | 53 | 32090 | 2240 | 16 | 3870 | 416 | 1 | 110 | 33 | 1300 | 29 | 13 | 24 | 1 | 113 | 43.1 | 89 | 4 | 1 | 2 | 26 | 65 |
| L1+50W 1+50N | 1.5 | 52250 | 188 | 1 | 148 | 1.5 | 5 | 18880 | .1 | 33 | 89 | 45700 | 2970 | 33 | 16710 | 1593 | 1 | 320 | 76 | 690 | 22 | 1 | 212 | 1 | 671 | 90.4 | 254 | 3 | 1 | 3 | 37 | 60 |
| L1+50W 1+25N | 1.3 | 41620 | 348 | 1 | 147 | .9 | 5 | 14770 | .1 | 33 | 112 | 50910 | 2080 | 28 | 15860 | 1270 | 1 | 380 | 94 | 720 | 38 | 5 | 225 | 2 | 628 | 87.1 | 298 | 5 | 1 | 3 | 46 | 180 |
| L1+50W 1+00N | .7 | 35670 | 455 | 1 | 159 | 1.1 | 4 | 9520 | .1 | 25 | 97 | 48450 | 1690 | 24 | 13320 | 1039 | 1 | 200 | 74 | 840 | 33 | 5 | 115 | 2 | 295 | 83.1 | 234 | 6 | 1 | 2 | 43 | 90 |
| L1+50W 0+75N | 1.3 | 28880 | 372 | 1 | 157 | .8 | 5 | 7250 | .1 | 23 | 103 | 47030 | 2000 | 37 | 11620 | 940 | 1 | 200 | 68 | 740 | 34 | 13 | 69 | 2 | 296 | 76.2 | 170 | 7 | 1 | 3 | 39 | 310 |
| L1+50W 0+50N | .6 | 32410 | 278 | 1 | 135 | 1.1 | 3 | 7450 | .1 | 21 | 81 | 45800 | 1600 | 21 | 12540 | 872 | 1 | 140 | 60 | 670 | 28 | 6 | 100 | 2 | 172 | 71.2 | 194 | 6 | 1 | 3 | 34 | 80 |
| L1+50W 0+25N | .4 | 29200 | 550 | 1 | 176 | 1.5 | 4 | 2470 | .1 | 14 | 134 | 56280 | 4610 | 37 | 5490 | 235 | 1 | 90 | 23 | 680 | 16 | 12 | 75 | 3 | 95 | 65.1 | 63 | 5 | 1 | 2 | 34 | 195 |
| L1+50W 0+00 | .4 | 24020 | 318 | 1 | 216 | 1.3 | 2 | 5120 | .1 | 17 | 94 | 49170 | 4030 | 27 | 4170 | 303 | 1 | 90 | 47 | 620 | 11 | 11 | 44 | 3 | 98 | 56.8 | 54 | 4 | 1 | 2 | 35 | 110 |
| L1+50W 0+25S | 1.5 | 15720 | 584 | 1 | 297 | 1.1 | 3 | 4610 | .1 | 18 | 93 | 41220 | 3240 | 16 | 2780 | 366 | 1 | 90 | 47 | 530 | 113 | 65 | 36 | 3 | 54 | 36.3 | 67 | 3 | 1 | 1 | 24 | 110 |
| L1+50W 0+50S | 1.1 | 15140 | 498 | 1 | 239 | 1.0 | 2 | 4020 | .1 | 13 | 80 | 37140 | 3550 | 14 | 2490 | 300 | 1 | 90 | 37 | 480 | 79 | 56 | 33 | 2 | 52 | 34.6 | 79 | 3 | 1 | 1 | 22 | 145 |
| L1+50W 0+75S | 1.4 | 8720 | 461 | 1 | 111 | .4 | 2 | 1530 | .1 | 9 | 61 | 28640 | 2590 | 3 | 1100 | 200 | 1 | 50 | 18 | 450 | 156 | 87 | 22 | 1 | 27 | 20.2 | 39 | 2 | 1 | 1 | 13 | 180 |
| L1+50W 1+00S | 1.7 | 10570 | 514 | 1 | 116 | .6 | 1 | 1030 | .1 | 7 | 61 | 29440 | 2320 | 3 | 1200 | 162 | 1 | 50 | 17 | 580 | 166 | 100 | 18 | 1 | 26 | 22.4 | 47 | 2 | 1 | 1 | 14 | 170 |

COMP: AZIMUTH GEOLOGICAL
PROJ: INLAW/OUTLAW P.O. GRIOL
ATTN: G.CROWE/J.BLACKWELL

# MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0266-SJ3
DATE: 91/08/06
* SOIL * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU-WET PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L1+50W 1+25S | 1.5 | 9770 | 413 | 13 | 93 | .5 | 3 | 430 | .1 | 6 | 50 | 26610 | 2080 | 11 | 970 | 93 | 1 | 50 | 11 | 610 | 130 | 53 | 15 | 1 | 26 | 20.5 | 44 | 1 | 1 | 1 | 15 | 260 |
| L1+50W 1+50S | 1.0 | 15890 | 661 | 9 | 197 | .8 | 2 | 1430 | .1 | 8 | 60 | 38360 | 3520 | 17 | 2050 | 189 | 1 | 110 | 9 | 650 | 130 | 65 | 28 | 2 | 57 | 36.1 | 66 | 1 | 1 | 1 | 23 | 400 |
| L1+50W 1+75S | 1.4 | 15290 | 673 | 7 | 143 | .9 | 2 | 5460 | .1 | 7 | 86 | 27880 | 2580 | 27 | 2580 | 135 | 1 | 80 | 19 | 550 | 216 | 94 | 29 | 2 | 67 | 34.4 | 98 | 2 | 1 | 1 | 24 | 580 |
| L1+50W 2+00S | .9 | 14910 | 585 | 7 | 135 | .8 | 3 | 5550 | .1 | 7 | 68 | 27950 | 2470 | 24 | 2310 | 137 | 1 | 80 | 19 | 530 | 153 | 77 | 25 | 2 | 63 | 32.5 | 89 | 1 | 1 | 1 | 22 | 410 |
| L1+50W 2+25S | .7 | 18170 | 448 | 6 | 132 | .8 | 1 | 5840 | .1 | 8 | 54 | 31020 | 2560 | 25 | 2990 | 213 | 1 | 110 | 13 | 760 | 145 | 64 | 20 | 2 | 78 | 47.7 | 91 | 1 | 1 | 1 | 26 | 140 |
| L1+50W 2+50S | .3 | 28580 | 356 | 8 | 133 | 1.1 | 4 | 2720 | .1 | 15 | 67 | 41910 | 1540 | 26 | 6950 | 713 | 1 | 110 | 30 | 1200 | 53 | 24 | 13 | 1 | 376 | 80.1 | 115 | 1 | 1 | 2 | 33 | 50 |
| L1+50W 2+75S | .1 | 21930 | 484 | 6 | 94 | 1.0 | 1 | 1890 | .1 | 16 | 64 | 35630 | 2000 | 30 | 4000 | 579 | 1 | 1490 | 36 | 780 | 43 | 16 | 17 | 2 | 126 | 45.6 | 79 | 2 | 1 | 2 | 31 | 100 |
| L1+50W 3+00S | .2 | 23240 | 325 | 5 | 131 | .9 | 1 | 3240 | .1 | 9 | 42 | 32300 | 1270 | 25 | 3820 | 532 | 2 | 1510 | 22 | 1800 | 43 | 11 | 20 | 1 | 143 | 60.1 | 89 | 2 | 1 | 2 | 32 | 60 |
| L0+50W 1+50N | .3 | 45080 | 177 | 14 | 182 | 1.3 | 6 | 11330 | .1 | 31 | 128 | 58710 | 2770 | 61 | 26770 | 1802 | 1 | 180 | 88 | 580 | 12 | 1 | 173 | 1 | 492 | 106.7 | 293 | 1 | 1 | 2 | 42 | 40 |
| L0+50W 1+25N | .5 | 48850 | 528 | 14 | 229 | 1.2 | 4 | 12690 | .1 | 60 | 150 | 68440 | 3310 | 45 | 24770 | 2675 | 1 | 250 | 91 | 790 | 25 | 46 | 153 | 1 | 624 | 102.9 | 203 | 1 | 1 | 2 | 38 | 110 |
| L0+50W 1+00N | .1 | 52510 | 489 | 13 | 222 | 1.7 | 2 | 8740 | .1 | 40 | 158 | 68870 | 3170 | 59 | 25660 | 3023 | 1 | 90 | 114 | 900 | 28 | 31 | 55 | 1 | 396 | 119.7 | 226 | 1 | 1 | 3 | 56 | 95 |
| L0+50W 0+75N | .1 | 41300 | 422 | 11 | 161 | 1.2 | 2 | 8590 | .1 | 29 | 138 | 61640 | 2410 | 51 | 20770 | 1458 | 1 | 120 | 85 | 840 | 16 | 25 | 82 | 1 | 466 | 104.1 | 194 | 1 | 1 | 2 | 43 | 120 |
| L0+50W 0+50N | .1 | 40610 | 505 | 11 | 158 | 1.1 | 1 | 7370 | .1 | 28 | 136 | 61050 | 2510 | 43 | 17300 | 1370 | 1 | 120 | 70 | 850 | 25 | 28 | 77 | 1 | 447 | 94.2 | 181 | 1 | 1 | 2 | 38 | 130 |
| L0+50W 0+25N | .1 | 29560 | 411 | 7 | 145 | 1.3 | 1 | 5870 | .1 | 22 | 95 | 46170 | 2440 | 35 | 10210 | 956 | 1 | 100 | 61 | 670 | 24 | 18 | 52 | 2 | 178 | 67.0 | 134 | 2 | 1 | 2 | 34 | 140 |
| L0+50W 0+00 | .1 | 28380 | 528 | 6 | 138 | 1.3 | 1 | 6980 | .1 | 16 | 87 | 42120 | 2160 | 32 | 8120 | 698 | 1 | 80 | 54 | 910 | 33 | 25 | 51 | 1 | 104 | 60.1 | 115 | 1 | 1 | 2 | 33 | 100 |
| L0+50W 0+25S | .1 | 11360 | 3517 | 5 | 353 | 1.0 | 1 | 4930 | .1 | 20 | 202 | 66730 | 3930 | 20 | 2090 | 852 | 3 | 120 | 33 | 820 | 121 | 513 | 77 | 1 | 32 | 66.3 | 202 | 1 | 1 | 1 | 22 | 330 |
| L0+50W 0+50S | 2.1 | 13610 | 2972 | 4 | 266 | 1.2 | 1 | 5140 | .1 | 16 | 124 | 42370 | 2710 | 24 | 3000 | 1058 | 1 | 1500 | 46 | 660 | 418 | 207 | 46 | 1 | 48 | 37.4 | 163 | 1 | 1 | 1 | 20 | 230 |
| L0+50W 0+75S | 2.2 | 11280 | 2513 | 4 | 273 | .9 | 1 | 4260 | .1 | 15 | 123 | 40050 | 2500 | 23 | 2430 | 911 | 5 | 2090 | 42 | 480 | 295 | 185 | 42 | 2 | 51 | 31.6 | 187 | 1 | 1 | 1 | 19 | 200 |
| L0+50W 1+00S | 2.4 | 12490 | 3110 | 4 | 289 | .9 | 1 | 4830 | .1 | 14 | 138 | 43210 | 2930 | 24 | 2340 | 794 | 4 | 2150 | 35 | 710 | 381 | 230 | 45 | 1 | 45 | 35.0 | 207 | 1 | 1 | 1 | 19 | 210 |
| L0+50W 1+25S | 1.9 | 8290 | 1851 | 3 | 218 | .9 | 1 | 4220 | .1 | 13 | 101 | 34460 | 2640 | 16 | 1190 | 533 | 2 | 2210 | 31 | 490 | 344 | 201 | 38 | 2 | 23 | 21.9 | 129 | 1 | 1 | 1 | 14 | 280 |
| L0+50W 1+50S | 2.4 | 14470 | 1504 | 4 | 241 | .8 | 3 | 5570 | .1 | 12 | 97 | 34250 | 3560 | 25 | 1960 | 560 | 1 | 1370 | 33 | 710 | 497 | 290 | 46 | 1 | 27 | 30.3 | 141 | 1 | 1 | 1 | 21 | 250 |
| L0+50W 1+75S | 7.0 | 15530 | 1636 | 4 | 210 | 1.0 | 1 | 3020 | .1 | 10 | 103 | 36810 | 3070 | 25 | 1880 | 510 | 2 | 1360 | 29 | 990 | 556 | 270 | 39 | 1 | 30 | 33.7 | 139 | 1 | 1 | 1 | 23 | 170 |
| L0+50W 2+00S | 3.6 | 13450 | 1423 | 4 | 219 | 1.0 | 1 | 3160 | .1 | 13 | 110 | 41040 | 3960 | 22 | 1970 | 419 | 1 | 1950 | 33 | 620 | 521 | 292 | 44 | 2 | 45 | 35.1 | 114 | 1 | 1 | 1 | 23 | 400 |
| L0+50W 2+25S | 1.2 | 15340 | 609 | 4 | 161 | .9 | 1 | 4100 | .1 | 10 | 66 | 35540 | 3320 | 23 | 2290 | 231 | 1 | 2160 | 25 | 650 | 151 | 80 | 29 | 2 | 60 | 34.2 | 77 | 1 | 1 | 1 | 23 | 240 |
| L0+50W 2+50S | 1.3 | 18620 | 658 | 5 | 142 | 1.1 | 1 | 5870 | .1 | 9 | 61 | 37180 | 2590 | 29 | 3190 | 138 | 1 | 1150 | 19 | 600 | 176 | 74 | 23 | 2 | 63 | 43.3 | 84 | 2 | 1 | 1 | 28 | 230 |
| L0+50W 2+75S | .9 | 13100 | 555 | 4 | 140 | 1.0 | 1 | 3950 | .1 | 11 | 77 | 35010 | 2980 | 24 | 2010 | 253 | 1 | 1870 | 27 | 480 | 134 | 80 | 25 | 2 | 55 | 29.4 | 64 | 1 | 1 | 1 | 21 | 220 |
| L0+50W 3+00S | 1.5 | 14620 | 710 | 4 | 151 | .8 | 1 | 3590 | .1 | 9 | 66 | 36620 | 3420 | 20 | 2100 | 250 | 1 | 2490 | 16 | 820 | 259 | 119 | 27 | 1 | 43 | 34.2 | 89 | 1 | 1 | 1 | 23 | 240 |

# Appendix E

# ANALYTICAL PROCEDURES

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PRECEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR WET GOLD GEOCHEMICAL ANALYSIS

Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

5.00 grams of sample is weighed into porcelain crucibles and cindered @ 800 C for 3 hours. Samples are then transferred to beakers and digested using aqua regia, diluted to volume and mixed.

Further oxidation and treatment of 75% of the above solution is then extracted for gold by Methyl Iso-butyl Ketone.

The MIBK solutions are analyzed on an atomic absorption spectrometer using a suitable standard set.

OFFICE AND LABORATORIES:
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR TRACE ELEMENT ICP

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu,
Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb,
Sr, Th, U, V, Zn, Ga, Sn, W, Cr

Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures.

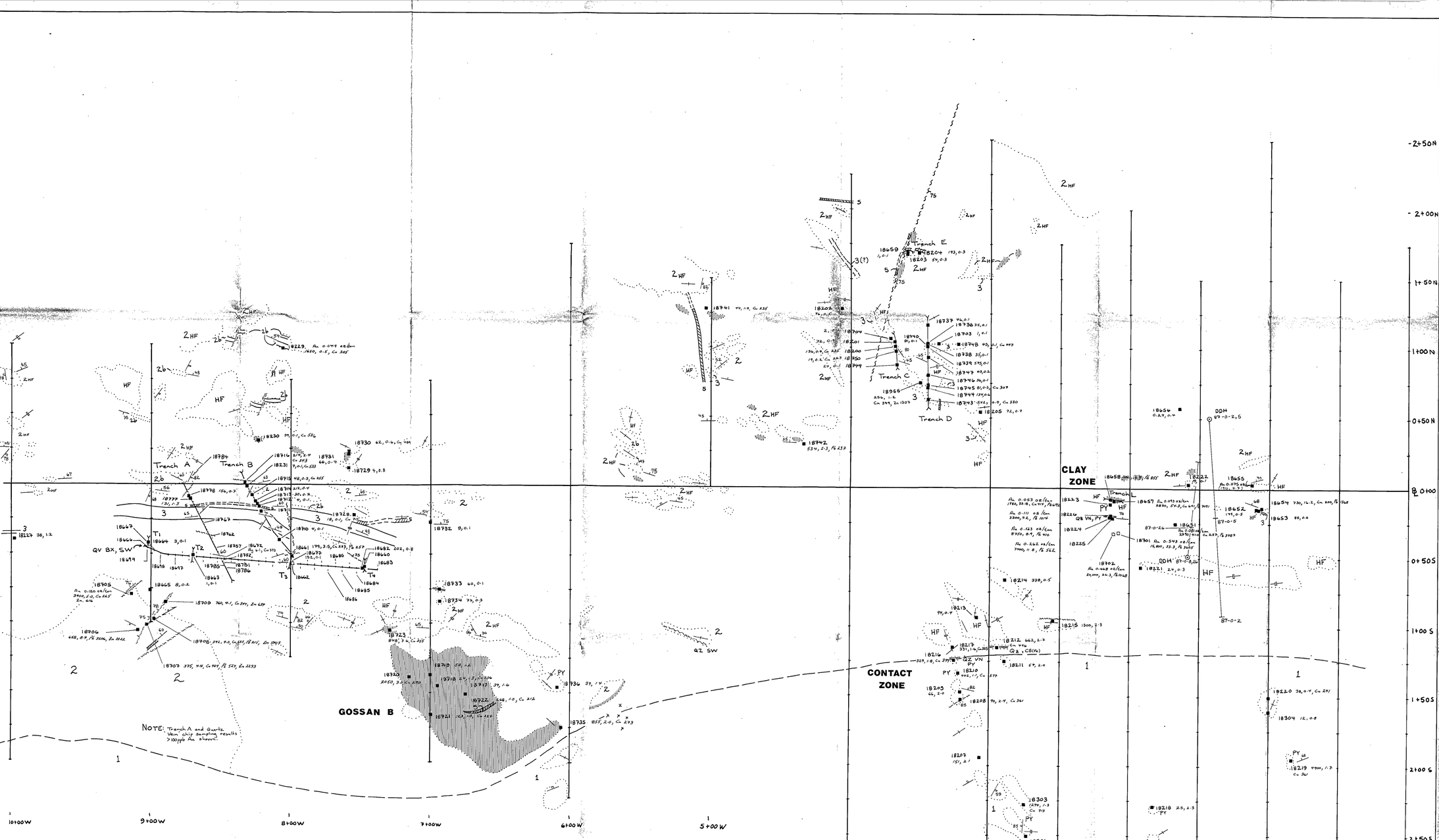
After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

0.50 gram of the sample is digested for 2 hours with an aqua regia mixture. After cooling samples are diluted to standard volume.

The solutions are analyzed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers.

OFFICE AND LABORATORIES:
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067




## LEGEND

### LITHOLOGIES

**TERTIARY(?)**

5 — Basaltic dykes: fresh augite porphyry basalt

**CRETACEOUS(?)**

4 — Granodiorite: equigranular, biotite hornblende granodiorite

**Sloko Group(?)**

3 — Felsic dykes/sills: cream to grey feldspar +/- quartz porphyritic felsic dykes and sills.

**UPPER TRIASSIC**
**Stuhini Group(?)**

2 — Argillite, quartzite: black grey and green massive to well bedded argillite, quartzite, minor limestone. Commonly strongly hornfelsed.

1 — Andesite flows and breccias: dark green tuffs, breccias, pillowed flows.

### ABBREVIATIONS

| | |
|---|---|
| AS | Arsenopyrite |
| CB | Carbonate |
| CB(Fe) | Carbonate(Iron) |
| GN | Galena |
| PO | Pyrrhotite |
| PY | Pyrite |
| QZ | Quartz |
| SP | Sphalerite |
| TT | Tetrahedrite |
| VN | Vein |
| SW | Stockwork |
| HF | Hornfels |

### SYMBOLS

- ROCK SAMPLE OUTCROP
- ROCK SAMPLE FLOAT
- SOIL GEOCHEM LINE WITH STATIONS
- GEOLOGICAL CONTACT
- BEDDING ATTITUDE
- JOINTING
- FOLIATION
- SHEAR/FAULT
- GOSSAN
- OUTCROP OR AREA OF OUTCROP
- TRENCH
- 1987 DIAMOND DRILL HOLE
- 18208 90, 2.4 Cu 361 — SAMPLE NO. GOLD (ppb), SILVER (ppm) ALL Cu, Pb & Zn values in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,756

Map Sheet Index

W/2 | E/2

25 0 20 40 80
METRES

GLIDER DEVELOPMENTS INC.

# OUTLAW - EAST HALF GEOLOGY & SAMPLE LOCATIONS

BRITISH COLUMBIA

**AZIMUTH GEOLOGICAL INCORPORATED**

| | | |
|---|---|---|
| DRAWN: J.J.E. | MINING DIV.: ATLIN | FIGURE 4a |
| N.T.S.: 104 K/10 | SCALE: 1:1000 | |
| DATE: OCT., 1991 | REVISED: | |

RIDGE ZONE

GOSSAN A

Outlaw 1 (approximate)

Outlaw 2

Covered

2+50N
2+00N
1+50N
1+00N
0+50N
0+00
0+50S
1+00S
1+50S
2+00S
2+50S
3+00S
3+50S
4+00
4+50S

20+00W
19+00W
18+00W
17+50W
17+00W
16+50W
16+00W
15+50W
15+00W
14+50W
14+00W
13+00W
12+50W
12+00W
11+00W
10+00W

## LEGEND

### LITHOLOGIES

**TERTIARY(?)**

5 — Basaltic dikes: fresh augite porphyry basalt

**CRETACEOUS(?)**

4 — Granodiorite: equigranular, biotite hornblende granodiorite

**Sloko Group(?)**

3 — Felsic dykes/sills: cream to grey feldspar +/- quartz porphyritic felsic dykes and sills.

**UPPER TRIASSIC**
**Stuhini Group(?)**

2 — Argillite, quartzite: black grey and green massive to well bedded argillite, quartzite, minor limestone. Commonly strongly hornfelsed.

1 — Andesite flows and breccias: dark green tuffs, breccias, pillowed flows.

### ABBREVIATIONS

| | |
|---|---|
| AS | Arsenopyrite |
| CB | Carbonate |
| CB(Fe) | Carbonate(iron) |
| GN | Galena |
| PO | Pyrrhotite |
| PY | Pyrite |
| QZ | Quartz |
| SP | Sphalerite |
| TT | Tetrahedrite |
| VN | Vein |
| SW | Stockwork |
| HF | Hornfels |

### SYMBOLS

- ROCK SAMPLE OUTCROP
- ROCK SAMPLE FLOAT
- SOIL GEOCHEM LINE WITH STATIONS
- GEOLOGICAL CONTACT
- BEDDING ATTITUDE
- JOINTING
- FOLIATION
- SHEAR/FAULT
- GOSSAN
- OUTCROP OR AREA OF OUTCROP
- TRENCH
- 1987 DIAMOND DRILL HOLE
- 18208 90, 2.4 Cu 341 — SAMPLE NO. GOLD (ppb), SILVER (ppm) ALL Cu, Pb & Zn values in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,756

Map Sheet Index

W/2 | E/2

25 0 20 40 80
METRES

GLIDER DEVELOPMENTS INC.

# OUTLAW - WEST HALF GEOLOGY & SAMPLE LOCATIONS

BRITISH COLUMBIA

**AZIMUTH GEOLOGICAL INCORPORATED**

| | | |
|---|---|---|
| DRAWN: J.J.E. | MINING DIV.: ATLIN | FIGURE 4b |
| N.T.S.: 104K/10 | SCALE: 1:1000 | |
| DATE: OCT., 1991 | REVISED: | |

GOSSAN B

CONTACT ZONE

10+00W

9+00W

8+00W

7+00W

6+00W

5+00W

4+00W

3+00W

2+50W

2+00W

1+50W

1+00W

0+50W

0+00

-2+50N

-2+00N

-1+50N

-1+00N

-0+50N

BASE 0+00

0+50S

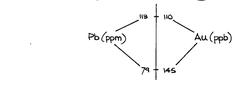
1+00S

1+50S

2+00S

2+50S

3+00S




GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,756

Map Sheet Index

W/2 | E/2

25 0 20 40 80
METRES

GLIDER DEVELOPMENTS INC.

# OUTLAW - EAST HALF
# SOIL GEOCHEMISTRY

BRITISH COLUMBIA

**AZIMUTH GEOLOGICAL INCORPORATED**

| | | | |
|---|---|---|---|
| DRAWN: J.J.E. | MINING DIV.: ATLIN | | FIGURE |
| N.T.S.: 104 K/10 | SCALE: 1:1000 | | 5a |
| DATE: OCT., 1991 | REVISED: | | |

RIDGE ZONE

GOSSAN A

2+50N

2+00N

1+50N

1+00N

0+50N

0+00

0+50S

1+00S

1+50S

2+00S

2+50S

3+00S

20+00W

19+00W

18+00W

17+50W

17+00W

16+50W

16+00W

15+50W

15+00W

14+50W

14+00W

13+00W

12+50W

12+00W

11+00W

10+00W

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,756

Pb (ppm) Au (ppb)

Map Sheet Index

W/2 E/2

25 0 20 40 80
METRES

GLIDER DEVELOPMENTS INC.

# OUTLAW - WEST HALF
# SOIL GEOCHEMISTRY

BRITISH COLUMBIA

**AZIMUTH GEOLOGICAL INCORPORATED**

| | | |
|---|---|---|
| DRAWN: J.J.E. | MINING DIV.: ATLIN | FIGURE 5b |
| N.T.S.: 104K/10 | SCALE: 1:1000 | |
| DATE: OCT., 1991 | REVISED: | |