NTS- 104 A/4W

Lat.- 56 11' N

Long.- ~~130~~ ~~02~~' W
129 57

GEOLOGICAL AND GEOCHEMICAL REPORT ON THE LODE 1-8 CLAIM GROUPS, AMERICAN CK. AREA

Skeena Mining Division, B.C.

for

White Channel Resources Incorporated,
201-744 W. Hastings St.,
Vancouver, B.C., V6C 1A5

by

Andris Kikauka, B.Sc., F.G.A.C.

Jan. 15, 1991

ITEMIZED COST STATEMENT- White Channel Res.Inc.

Lode 1-5 Claim Group- Aug. 12-20, 1990

FIELD CREW:

Geologist- A.Kikauka,Aug.12-20, 9 X 350	$	3,150.00
Geotechnician- I.Rose,Aug. 12-20, 9 X 125		1,125.00
Mob/Demob		750.00

FIELD COSTS:

Helicopter charters (V.I.H. Stewart, B.C.)	3,210.00
Room, board, fuel, equipment, supplies @ $60/day/man	1,080.00
Lab Analysis (Eco-Tech, Stewart, B.C.)	
159 Soil X 13/sample	2,067.00
12 silt X 13/sample	156.00
4 rock X 17/sample	68.00
Report writing and maps	750.00
Total=	12,356.00

SUMMARY

The Lode 1-8 Claims comprising the Lode 1,2,7 and the Lode 3,4,5,6,8 Claim groups consists of 8 contiguous, staked mineral claims comprising 120 units. The claims are located in the Skeena Mining Division, 22-29 km. north of Stewart,B.C. along American Ck.

The claim group lies within the "Stewart Complex" also known as the "Golden Triangle", which consists of a belt of Mesozoic volcanics and sediments that border the east margin of the Coast Range Plutonic Complex. The property is underlain by Lower and Middle Jurassic andesitic volcanic breccias, crystal and lithic tuffs, conglomerate, sandstone, siltstone, and chert. This sequence is warped, folded, faulted and locally, intruded by Tertiary dacitic dykes.

The Lode claim groups show record of historic work that has outlined approximately 5 showings that include Cu-Pb-Zn-Ag-Au-Fe as products. Recent airborne geophysics over the Lode 1-8 claims (flown in 1987), indicates several VLF-EM conductors and coincident magnetic anomalies. A specific target area was identified (located approximately 1 km. west of the Lode 1-4 LCP). This zone was mapped and sampled in detail and is referred to as the "Kelly Girl" prospect.

A 60 m. long quartz vein with widths of 0.2-1.5 m. was located along a mineralized shear zone ("Kelly Girl" prospect). An assay across 0.8 m. width gave 3.21 g/t Au. Directly below this trench, an angular float sample returned 4.54 g/t Au, 71.8 g/t Ag, and 7.92% Cu. This zone roughly corresponds to the 1.5 km. long, well defined airborne geophysical conductor. Significant Au-Ag-Pb-Zn geochemical highs are associated with this zone also. This zone is hosted by fragmental chloritic andesites, which are very close to the projected unconformity with overlying sediments, enhancing the potential for accumulation of migrating mineral solutions.

Two other zones of mineralization located north and northeast of the "Kelly Girl" prospect were located. Two other targets were located southeast of the "Kelly Girl" located near Basin Ck. These targets require follow-up prospecting and mapping.

A second phase of detailed geological mapping, trenching, geophysics, and geochemistry is recommended. Approximate cost would be $20,000. Contingent on phase 2 results, a third phase of exploration involving diamond drilling (1000 m.) is recommended.

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LIST OF FIGURES AND APPENDICES

1.0 INTRODUCTION

This report summarizes geological and geochemical surveys carried out between Aug. 12-20, 1990. The author, Mr. Andris Kikauka, planned and supervised the fieldwork, and was present on the Lode claim groups during this time period.

2.0 LOCATION, ACCESS, AND TOPOGRAPHY

The Lode 1-8 Claim Groups are located 22-29 km. north of Stewart, B.C. The property lies within the Skeena Mining Division on N.T.S. mapsheet 104 A/4W (fig. 2). The claims cover both sides of American Ck., 5-12 km. north of Bear R.-American Ck.confluence.

Elevations on the Lode claims range from 300-1800 m. Slopes are generally moderate to steep with the exception of the relatively flat slope along the U-shaped valley bottom. An old horse trail follows the valley bottom through the Lode claims. An old road that follows American Ck. to the Mountain Boy crown granted claim comes within 1 km. of the Lode claims. This road could be extended along the old horse trail to give access to the Lode claims.

3.0 PROPERTY STATUS

The Lode 1-8 claims consist of 8 contiguous staked mineral claims within the Skeena Mining Division. The claims are owned by White Channel Resources Inc. (fig. 2). The claims are divided into two claim groups as follows;

Claim Name	# of Units	Record #	Record Date	Expiry Date
Lode 1	20	7561	April 24,89	April 24,92
Lode 2	20	7562	April 24,89	April 24,92
Lode 7	9	8058	Sept. 23,89	Sept. 23,92
Lode 3	20	7563	April 24,89	April 24,92
Lode 4	20	7564	April 24,89	April 24,92
Lode 5	20	8055	Sept. 24,89	Sept. 24,92
Lode 6	9	8056	Sept. 24,89	Sept. 24,92
Lode 8	2	8057	Sept. 24,89	Sept. 24,92

The total area of the two claim groups is approximately 3,000 hectares.

4.0 AREA HISTORY

The Stewart Mining District is part of the larger, well mineralized Stewart Complex that extends from Alice Arm to the Iskut R. area. Recently described as the "Golden Triangle", this belt of mineral rich bedrock has been exploited for base and

precious metals since 1898. Development of the Red Cliff deposit on Lydden Ck. (located 5 km. south of the Lode claims) was the earliest mining production in the Stewart Mining Camp. Since then, approximately 100 deposits containing combinations of Au-Ag-Cu-Pb-Zn-W-Mo have been exploited. The total recorded production within the Stewart Mining District includes 1.9 million ounces gold, 44 million ounces silver, and 100 million pounds of combined copper-lead-zinc (Grove, 1971). Of this total, more than 90% was accounted for by the Silbak-Premier with production figures from 1918-1968. This mine was recently activated by Westmin Resources and operates as an open pit. The original prospectors were attracted to the Silbak-Premier area by an oxidized capping that initially returned low grade precious metal values. However, several years of persistent prospecting and trenching eventually led to the discovery of high grade precious metal values. Well defined veins were traced for 2,000 feet to depth and 4,000 feet across.

Recent exploration in the "Golden Triangle" has outlined several new deposits including; Eskay Ck. (3-5 million ounces gold), Sulpherets-Brucejack (2-3 million ounces gold), Snip (1 million ounces gold), Tenajon-SB, Golden Wedge, Georgie R. (½ million ounces gold combined). The Eskay Ck. deposit is currently the focus of a major mining development with production slated for 1994. Prior to the Cons.Stikine Res.-Calpine Res. joint venture (1987), 11 companies have explored the property since 1932, undertaking underground development and 84 diamond drill holes totaling 4,000 m. Recent work under the direction of Prime Resources has outlined several extensive zones of volcanogenic massive sulphide ore 2-20 m. thick with outstanding precious metal values. In terms of its predictable geology, tenor, and well defined contact controlled assay boundary the Eskay Ck.deposit is exceptional and has stimulated exploration and re-examination of other properties in the "Golden Triangle".

5.0 PROPERTY HISTORY

The Lode claims have several showings that have received periodic examination since 1908. These include the Adanac Pb-Zn-Ag, Anaconda Pb-Zn-Ag, Bandolier Ag-Cu, Blue Jay Ag-Cu-Fe, and the Motherlode Au-Ag-Cu mineral occurrences (Grove, 1971). These occurrences are poorly documented as most of the work was done between 1908 and the 1930's. However, the 1926 B.C. Minister of Mines Annual Report indicates a 2-4 foot wide zone hosted by limestone contains light coloured sphalerite and minor galena located at 4,700 foot elevation up Basin Ck. (Anaconda occurrence).

In 1987 Western Geophysical Aero Data Ltd. (White Geophysics) conducted 205 line kilometres of airborne magnetic and VLF-EM across American Creek north of the confluence with Basin Ck. The lines were flown east-west resulting in the identification of several north to northwest trending conductive zones. A magnetic

low was identified along the valley floor, paralleling the American Ck. fault, probably reflecting hydrothermal alteration. The VLF-EM data shows a well defined conductive zone that coincides with a magnetically and geologically inferred fault located 2 km. northwest of the confluence of American Ck. and Basin Ck. The interpretation of these results indicates this target has excellent potential for fracture or fissure filling precious metal mineralization (Cremonese, 1988).

In 1989 White Channel Res. Inc. conducted geological and geochemical surveys. Geological mapping verified a large north-northwest trending fault along a creek gulley that corresponds to the airborne geophysical anomaly identified by Western Aero Data. Extensive stream sediment sampling in the area revealed an area of geochemically high Cu-Pb-Zn-Ag-Au values. This zone, referred to as the "Kelly Girl", is hosted by volcanic conglomerates, breccias, silstones and sandstones of the Unuk R. Fm. The "Kelly Girl" zone is located 100-200 m. below the projected areal unconformity of the overlying Betty Ck. Fm. sanstones and conglomerate (Grove, 1971).

6.0 GENERAL GEOLOGY

The Stewart Complex includes a thick sequence of mainly late Triassic to late Middle Jurassic volcanic, sedimentary, and metamorphic rocks. These have been intruded and cut by mainly granitic to syenitic suites of Lower Jurassic through Tertiary plutons which together form part of the Coast Range Plutonic Complex. Deformation, in part related to intrusive activity, has produced complex fold structures along the main intrusive contacts with simple open folds and warps dominant along the east side of the complex. Cataclasis marked by strong north-south structures are prominent structural features that cut all pre-Jurassic units.

Country rocks in the general Stewart area comprise mainly Hazleton Group strata which includes the Lower Jurassic Unuk R.Fm., the Middle Jurassic Betty Ck.Fm.and Salmon R. Fm., and the Upper jurassic Nass R.Fm.(Grove, 1971,1986). In the general Stewart area the Unuk R.Fm. strata includes mainly fragmental andesites, epiclastic volcanics , and minor volcanic flows. Widespread Aalenian uplift and erosion was followed by deposition of the partly marine volcaniclastic Betty Ck.Fm., the mixed Salmon R.Fm., and the dominantly shallow marine Nass R. Fm.

Intrusive activity in the Stewart area has been marked by Lower to Middle Jurassic Texas Ck. granodiorite with which the Silbak-Premier, Big Missourri, and many other small ore deposits are related. Younger intrusions include the extensive Hyder Quartz Monzonite and the many Tertiary dyke swarms which form a large part of the Coast Range Plutonic Complex. Mineral deposits such as the B.C. Molybdenum Mine at Alice Arm and a host of smaller deposits are localized in or related to these 48-52 m.y. plutons

which includes the dykes forming part of the regionally extensive Portland Canal Dyke Swarm (Grove, 1986).

Stewart District Mineral Deposits

More than 700 mineral deposits and showings have now been discovered in a large variety of rocks and structural traps in the Stewart District. The famous Silbak-Premier Mine, which has been reactivated as an open pit by Westmin Resources, represents a telescoped epithermal gold-silver-base metal deposit localized along a complex, steep fracture system in Lower Jurassic volcaniclastics overlain by shallow dipping Middle Jurassic sedimentary rocks. In this example, the shallow dipping younger rocks formed a dam, trapping bonanza type gold-silver mineralization at a relatively shallow depth. Mineralization at the Silbak-Premier, Big Missourri, and a number of other deposits in the area have been related to early Middle Jurassic regional plutonic events (Grove 1971,1986). Younger high grade mineralization found localized in various members of the Portland Canal Dyke Swarm are related to Cretaceous and Tertiary plutonic-volcanics events. Overall at least four episodes of mineralization involving gold-silver, base metals, molybdenum and tungsten dating from early Lower Middle Jurassic through to Tertiary have been recorded throughout the Stewart Complex.

American Creek General Geology

The lower portion of the American Ck. valley is comprised of Lower Jurassic Unuk R.Fm. fragmental andesites, volcanic conglomerates, sandstone, and siltstone. This relatively steep dipping sequence is unconformably overlain by shallow dipping Betty Ck.Fm.conglomerates, sandstone, and siltstone which locally forms the crest of the Bear River Ridge. This sequence is regionally warped producing a large scale anticlinal, open fold with the axis of the fold traced along American Ck. Several northwest trending dacitic dykes cut the entire sequence. Numerous zones of hydrothermal alteration including pyritization, silicification, and leached and hydrated iron oxides occur on the west side of American Ck. near the Unuk R.Fm-Betty Ck.Fm. unconformity.

7.0 1990 FIELD PROGRAM

From Aug.12-20,1990, a geologist and geotechnician carried out geological mapping, geochemical sampling, and trenching. The work was carried out on the south portion of the Lode 1, north portion of the Lode 3, and west portion of the Lode 4.

The purpose of this program was to cover the property with detailed geological and geochemical surveys to evaluate the mineral potential.

Utilizing a hip chain, compass, and 1:10,000 topographic map a

flagged grid was established on the Lode 1 and 3 claims. Using the north-northwest trending creek gulley (major linear fault), a 1.0 km. baseline was established with grid lines running 200 m. east and west of the baseline. A total of 3.5 km. of grid line was surveyed.

Using a grub hoe, soil samples were collected from the B horizon of the poorly developed soil profile. The average sample depth was 20 cm.,and a total of 159 soil sample were taken.

Using a -20 mesh screen and a shovel, stream sediment fines were collected from the active channel of small 0.2-2.0 m. wide streams. Samples were collected in tear-resistant paper bags and dried. A total of 12 samples were taken.

Geological mapping, at a scale of 1:10,000, was restricted to grids that cover the area referred to as the "Kelly Girl" prospect.

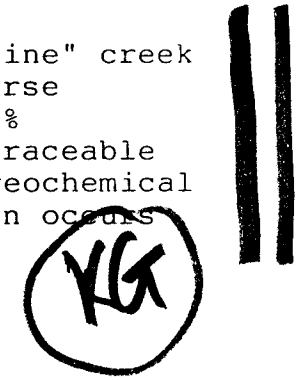
Using a pick and shovel, hand trenching excavated 4 trenches along a quartz vein. 3 rock chip samples were taken across the true width of quartz-sulphide mineralization.

8.0 RESULTS

8.1 GEOLOGY AND MINERALIZATION

Geological mapping of the Lode 1-8 claims has identified Lower Jurassic Unuk R.Fm. fragmental andesite, volcanic breccia, conglomerate, sandstone, and siltstone comprise approximately 80% of the bedrock. The Middle Jurassic Betty Ck.Fm., consisting of dacitic lithic and crystal tuffs, volcanic breccia, conglomerate, sandstone, siltstone, and chert unconformably overlies the Unuk R.Fm. and locally forms the steep cliffs of the Bear R.Ridge (west portion of the Lode 1-8 claims). This sequence is warped producing a regionally large scale anticlinal fold with its axis along American Ck. Tertiary dykes are limited in number but were observed trending northwest and west cutting the Unuk R.Fm. volcanic and sedimentary sequence. 1-10 km. long large scale linear faults trending north and north-northwest also cut the Unuk R.Fm. Large 0.5-3 km. long and 0.1-0.5 km. wide zones of leached and hydrated iron oxides have locally formed gossans. These gossans are located 1 km. west, 3 km. northwest, and 1 km. north of the Lode 1-4 LCP. The zone which was investigated in detail is located approximately 1 km. west of the Lode 1-4 LCP.

A 0.2-1.0 m. wide quartz vein was located in the "Baseline" creek gulley fault (of the grid area). This vein contains sparse pyrite-chalcopyrite (approximately 3% average) with 1-5% chlorite. The vein can be traced for 60 m. and may be traceable south into the grid area where several Au-Ag-Cu-Pb-Zn geochemical highs occur. Also a 0.7 km. long and 0.1 km. wide gossan occurs



immediately south of the quartz vein. This zone roughly corresponds with the geophysical conductor located in the 1987 airborne survey. The mineralized shear zone trends north-northwest and dips sub-vertical. Assays from this zone include 3.21 g/t Au across 0.8 m., and 4.54 g/t Au, 71.8 g/t Ag, and 7.92% Cu from angular float.

8.2 GEOCHEMISTRY

In the area of the trenched quartz vein, a weak Au geochemical high occurs. Values up to 195 ppb Au in soil samples and 145 ppb Au in silt samples were recorded. In contrast, weak Ag geochemical highs were related to widespread gossans, with evenly dispersed distribution of values (up to 3 ppm in soil and silt samples). Base metal values were generally low with the exception of relatively high Pb-Zn values which were erratically distributed. Pb values up to 428 ppm and Zn values up to 622 ppm occur as localized zones in areas of relatively deep overburden.

The area of geochemically high Au covers roughly 150-300 m. in dimension and represents a target for extensions of the Au-bearing quartz vein located in the centre of the soil and silt anomaly.

9.0 CONCLUSION

The Lode 1-8 Claim Group has potential to host an economic deposit of Cu-Pb-Zn-Ag-Au based on the following reasons:

1) The presence of gold bearing quartz veins with assays of 3.21 g/t Au accross 0.8 m. located within a large and mostly obscure mineralized shear zone.

2) Geological mapping indicates a sequence of sediments and volcanics with localized large scale gossans, that are similar in geological structure and stratigraphy as the nearby producing and past producing mines of the Stewart District, i.e. unconformity and anticlinal folding resulting in traps for migrating mineral solutions related to epigenetic emplacement.

3) The distribution of geochemical highs indicate several additional targets and extensions of known mineralization are present.

4) Past work in this area is poorly documented, however several mineral prospects (which include Cu-Pb-Zn-Ag-Au-Fe as products) are present in the area of the Lode 1-8 claims.

5) Access to highway 37A along the Bear R. and the mining and milling infrastructure present in the Stewart District is relatively simple.

10.0 RECOMMENDATIONS

A second phase of mineral exploration is recommended to provide detailed follow-up on the extent of gold-bearing quartz vein mineralization, mineralized shear zones, and hydrothermal alteration of country rock. The following work program is recommended;

1) Detailed trenching, sampling, and mapping of a 150 X 300 m. area covering the gold-bearing quartz vein and the Au geochemical high.

2) A Genie-EM geophysical survey over the existing grid area (with extensions to the west, north, and south) to cover the area of the airborne conductor located in the 1987 survey.

3) Detailed geochemical surveys (soil and silt) to extend the existing grid north.

4) Regional geological mapping and prospecting on other areas of the claim group to locate additional mineral deposits.

5) A small (300 X 500 m. area) grid to cover the gossan located approximately 1 km. north of the Lode 1-4 LCP near American Ck. to include soil sampling and geological mapping.

Contingent on phase 2 results, a third phase of exploration which includes diamond drilling is recommended.

11.0 PROPOSED BUDGET

PHASE 2

Geologist and 3 geotechnicians (10 days)	$ 6,500
Geophysical survey (20 km.)	4,000
Assays	2,000
Trenching	2,000
Camp costs	3,000
Helicopter support	2,000
Report	500
Phase 2 total	20,000

PHASE 3

Diamond drilling (1000 m.)	$100,000

Respectfully submitted;

Andris Kikauka

Andris Kikauka, B.Sc.,F.G.A.C.

REFERENCES:

Alldrick, D.J., 1987, Stratigraphy and Petrology of the Stewart Mining Camp. Min. of E.M.&P. Res. Report of Geological Fieldwork.

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Cremonese, D., 1987, Assessment Report # 17,607 and 17,629, on the Kelly Girl 1-4, Ernst 1,2, and Pabacia Claims. B.C.Min of E.M.&P.Res.

STATEMENT OF QUALIFICATIONS

I, Andris Kikauka, do hereby declare that;

- I graduated from Brock University, Faculty of Geological Sciences, St. Catharines, Ontario, 1979, receiving Honours B.Sc., First Class.

- From 1976-79 have performed geological fieldwork for uranium on the Canadian Shield.

- From 1979-90 have performed geological fieldwork for precious metal and base metal on the cordillera of Western Canada.

- I am a fellow in good standing with the Geological Association of Canada.

- Personally participated in the field work of this report, reviewed and assessed the data.

- I am a director of White Channel Resources Inc. This report is filed in accordance with government regulations with respect to assessment work.

Respectfully submitted;

Andris Kikauka,B.Sc.,F.G.A.C.

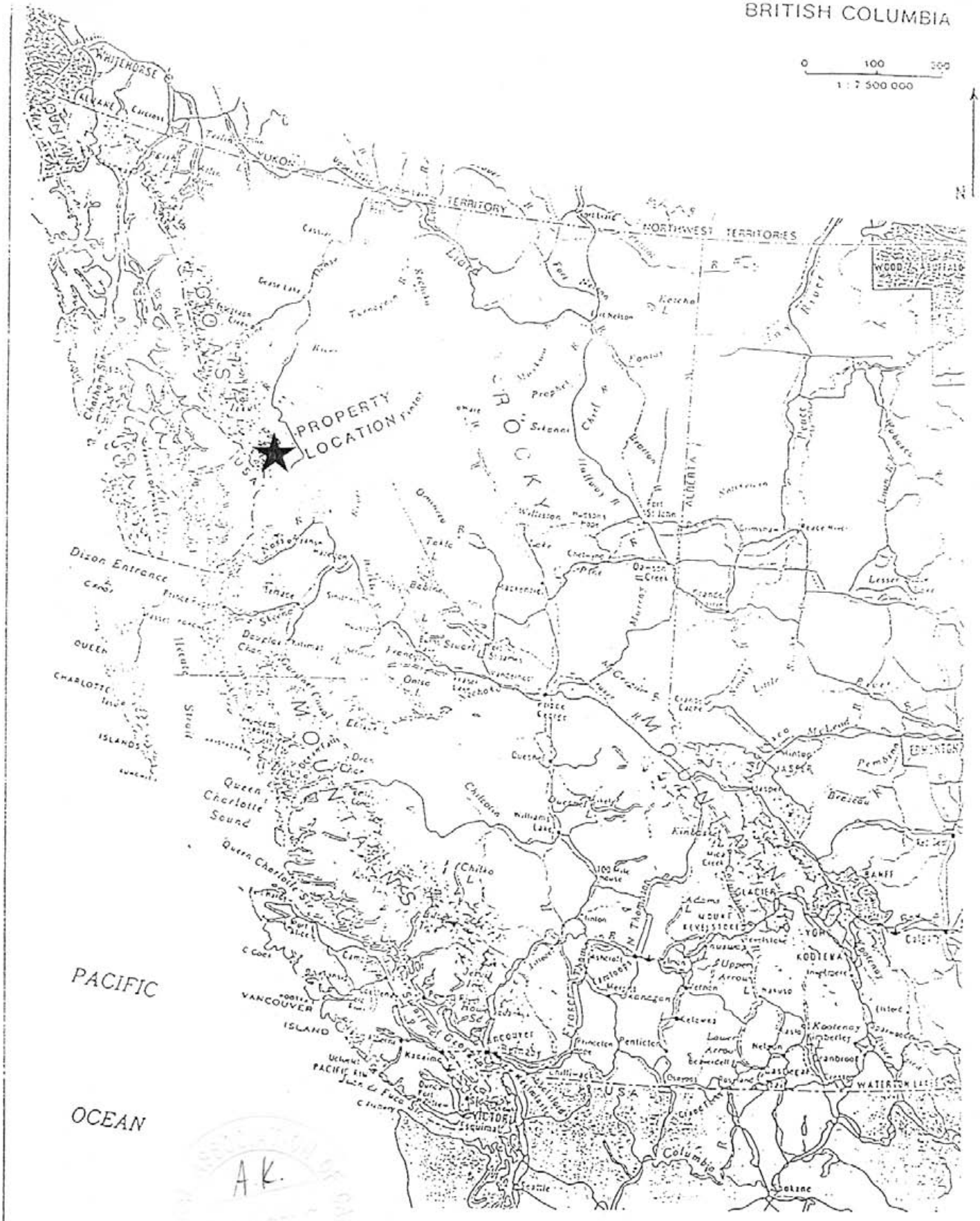
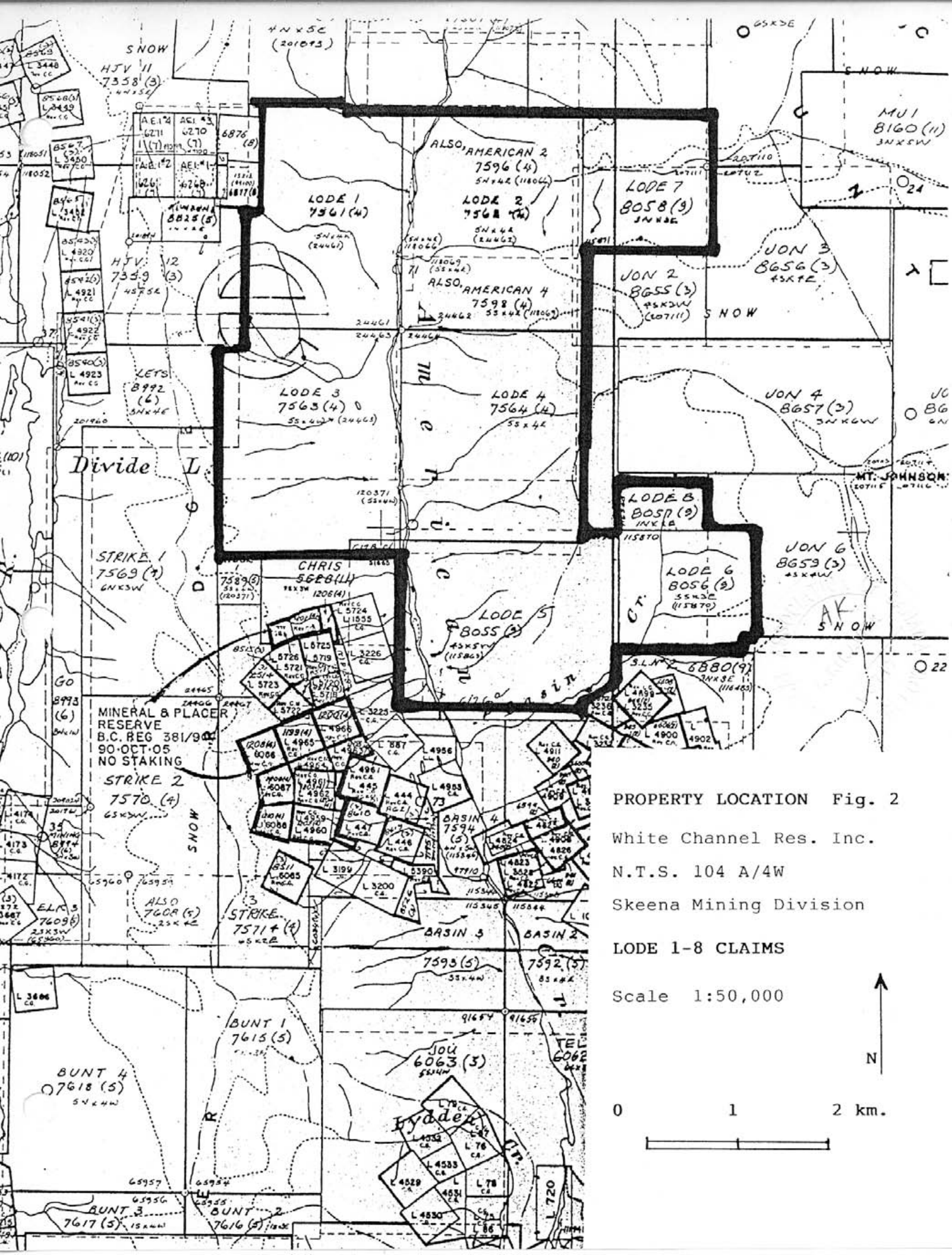


FIGURE 1

LOCATION MAP



PROPERTY LOCATION Fig. 2

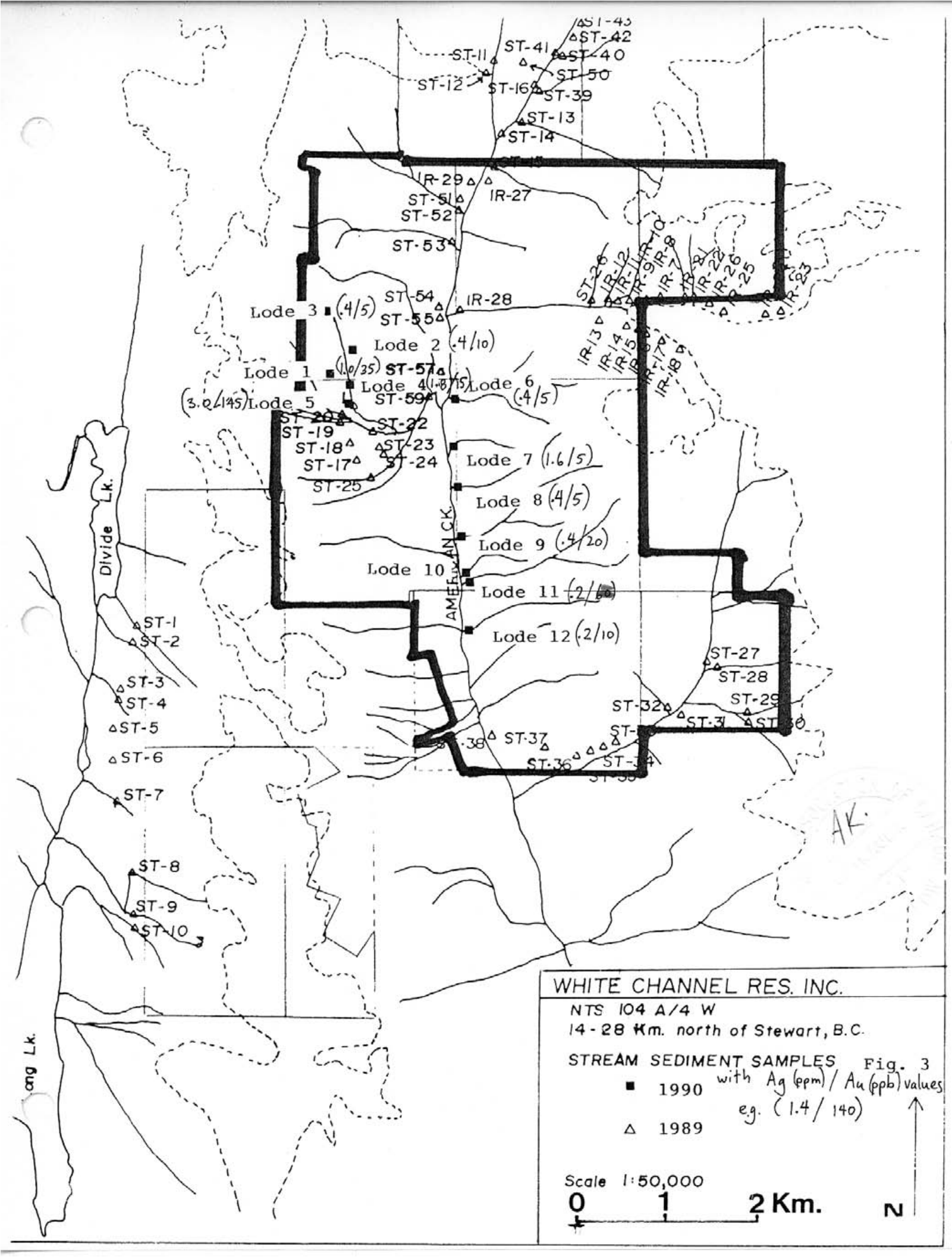
White Channel Res. Inc.

N.T.S. 104 A/4W

Skeena Mining Division

LODE 1-8 CLAIMS

Scale 1:50,000



WHITE CHANNEL RES. INC.

NTS 104 A/4 W

14 - 28 Km. north of Stewart, B.C.

STREAM SEDIMENT SAMPLES Fig. 3

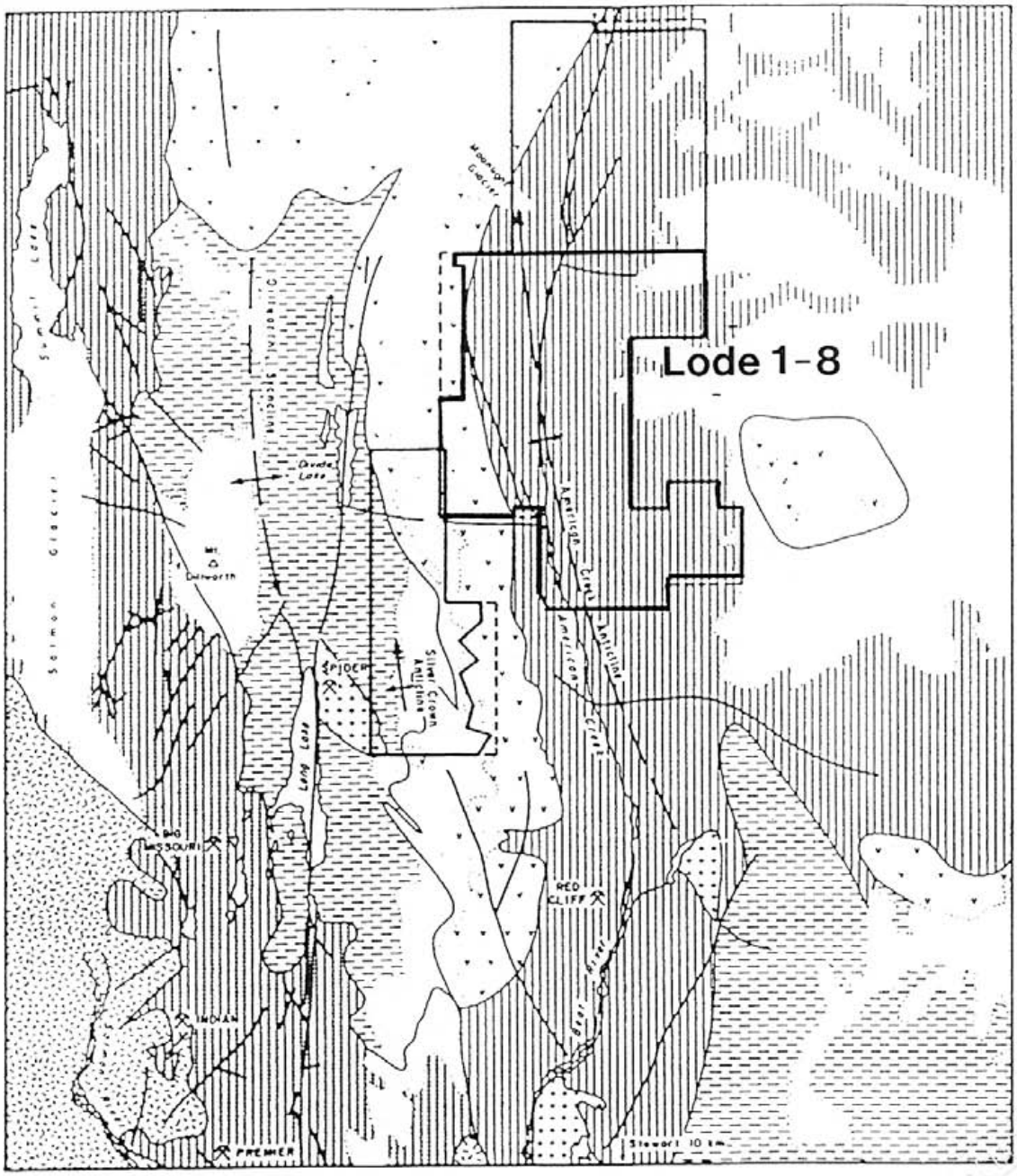
■ 1990 with Ag (ppm) / Au (ppb) values e.g. (1.4 / 140)

△ 1989

Scale 1:50,000

0 1 2 Km.

N



SEDIMENTARY AND VOLCANIC ROCKS

MIDDLE JURASSIC

SALMON RIVER FORMATION

Siltstone, greywacke, sandstone, some calcarenite, minor limestone, argillite, conglomerate.

BETTY CREEK FORMATION

Volcanic breccia, conglomerate, sandstone, and siltstone, crystal and lithic tuff.

LOWER JURASSIC

UNUK RIVER FORMATION

Volcanic breccia, conglomerate, sandstone, and siltstone

PLUTONIC ROCKS

EOCENE AND OLDER

Augite diorite

Granodiorite

Geologic contact

Fault

Fold axis

Snow boundary

METAMORPHIC ROCKS

JURASSIC

Cataclasite, mylonite

KILOMETRES 0 1 2 3 4 5

AK

WHITE CHANNEL RESOURCES INC.

RICH 1-4, LODE 1-8, STRIKE 1-3 CLAIMS

Skeena Mining Division, B. C.

REGIONAL GEOLOGY MAP

NTS 104 A/4W after Grove, 1964-1970

DATE Nov., 1989 FIGURE 4

Fig. 5

CLAIM GEOLOGY scale 1:10,000

LODE 1-4 CLAIMS, KELLY GIRL SHOWING

White Channel Res.Inc., Aug.,1990
N.T.S. 104 A/4W, 23-27 km. north of Stewart

Tertiary

3 Dacitic dykes, lt.grey, f.gr.

Middle Jurassic (Betty Ck. Fm.)

2 Dacitic crystal and lithic tuffs, minor vol.breccia, conglomerate, sandstone, siltstone, chert.

Lower Jurassic (Unuk R.Fm.)

1a Green, red, and purple andesitic vol.breccia, conglomerate, sandstone, siltstone, chert.

1b Alteration zone of leached and hydrated iron oxides, i.e.gossan.

0 .2 .4 .6 Km.

N

15 Bedding

Fault

Quartz Vein

52547- Rock chip sample

py.- pyrite

cp.- chalcopyrite

chl.- chlorite

Q.V.- quartz vein

1b py.

3

1b 1a

1b

1a

1a

1a

1a 85

py.

1b

1a

1a

1a

Q.V.

52547

52548

52549

52540

80

1a

py.

1b cp.

chl.

2

1a

1a

1a

1b

py.

1b

2

20

2

15

LODE 1 LODE 2

LODE 3 LODE 4

AK

AMERICAN CREEK

Fig. 6

SOIL SAMPLE LOCATIONS, HIGHLIGHTING GEOCHEMICAL ANOMALIES Cu values in ppm

LODE 1-4 CLAIMS, KELLY GIRL SHOWING

White Channel Res.Inc., Aug.,1990
N.T.S. 104 A/4W, 23-27 km. north of Stewart

LEGEND

Line of soil samples

● 75-100 ppm Cu (1.9% of total)

● >100 ppm Cu (1.9% of total)

Scale 1:10,000

0 .2 .4 .6 Km.

N

LODE 1 GRID

LODE 1

LODE 2

LODE 3

LODE 4

AMERICAN CREEK

Fig. 7
SOIL SAMPLE LOCATIONS, HIGHLIGHTING
GEOCHEMICAL ANOMALIES Pb values in ppm

LODE 1-4 CLAIMS, KELLY GIRL SHOWING

White Channel Res.Inc., Aug.,1990
N.T.S. 104 A/4W, 23-27 km. north of Stewart

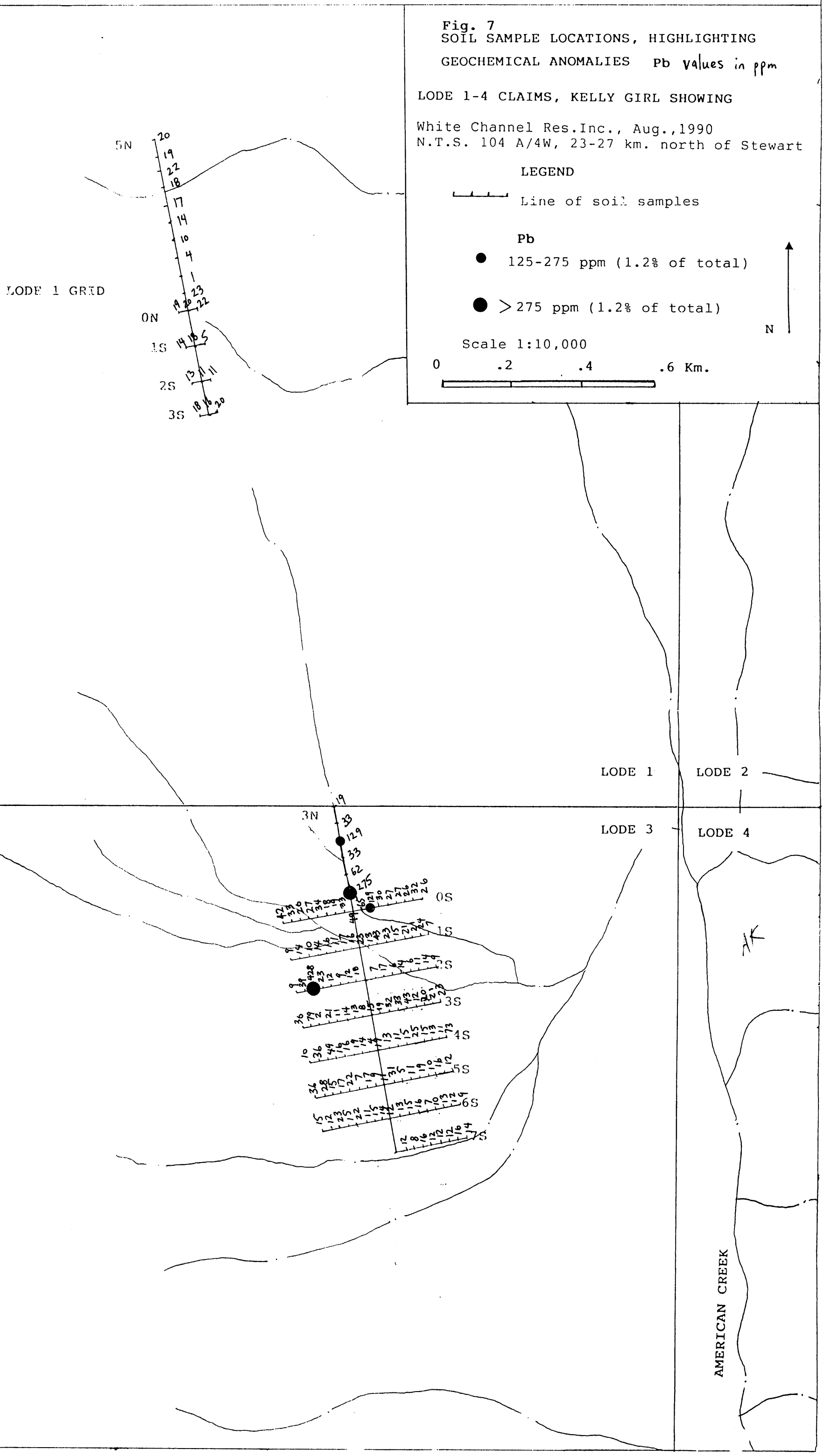


Fig. 8
SOIL SAMPLE LOCATIONS, HIGHLIGHTING
GEOCHEMICAL ANOMALIES Zn values in ppm

LODE 1-4 CLAIMS, KELLY GIRL SHOWING

White Channel Res.Inc., Aug.,1990
N.T.S. 104 A/4W, 23-27 km. north of Stewart

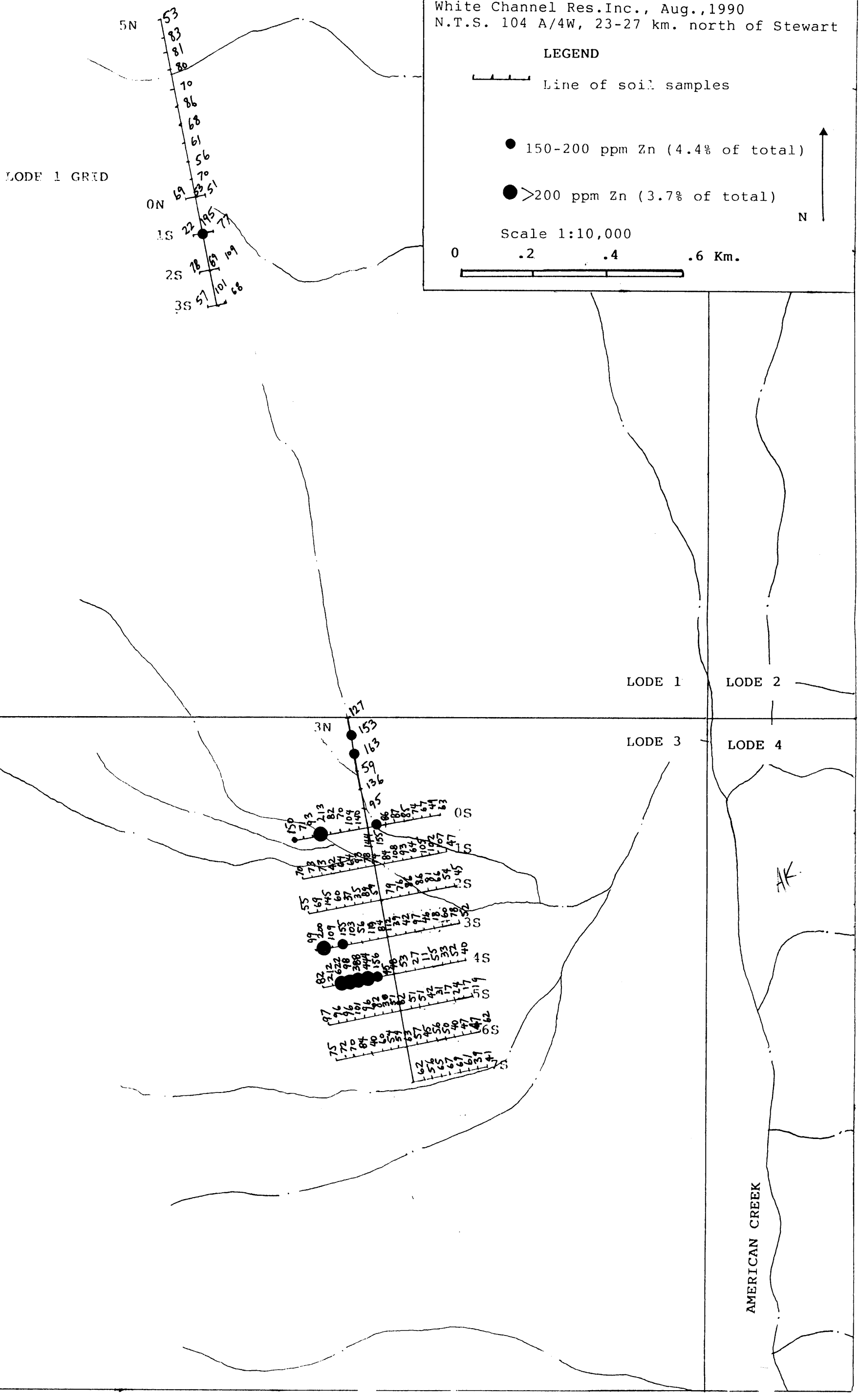


Fig. 9
SOIL SAMPLE LOCATIONS, HIGHLIGHTING
GEOCHEMICAL ANOMALIES Ag values in ppm

LODE 1-4 CLAIMS, KELLY GIRL SHOWING

White Channel Res.Inc., Aug.,1990
N.T.S. 104 A/4W, 23-27 km. north of Stewart

LEGEND

Line of soil samples

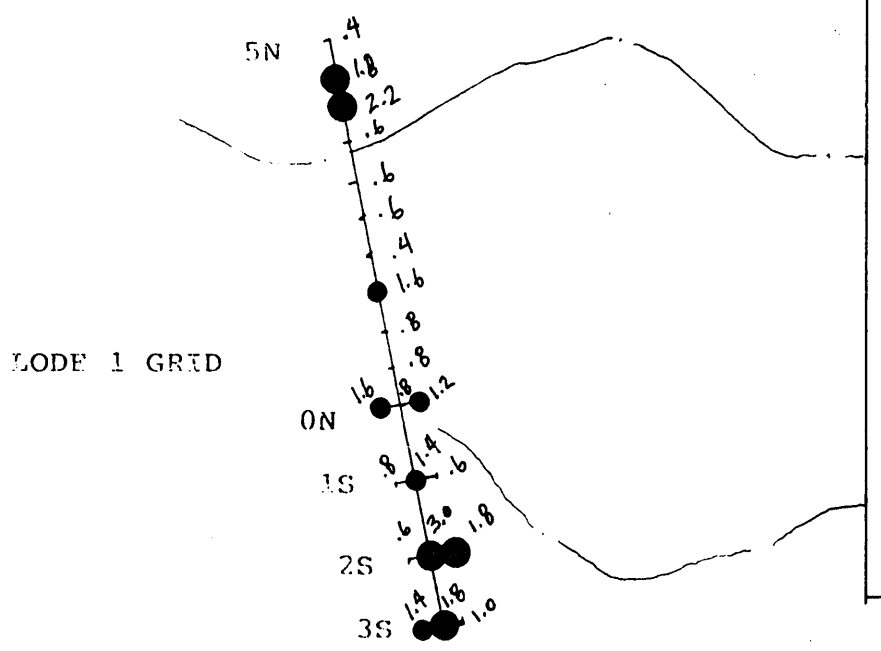
● 1.2-1.7 ppm Ag (13.8% of total)

● >1.7 ppm Ag (5.7% of total)

N

Scale 1:10,000

0 .2 .4 .6 Km.



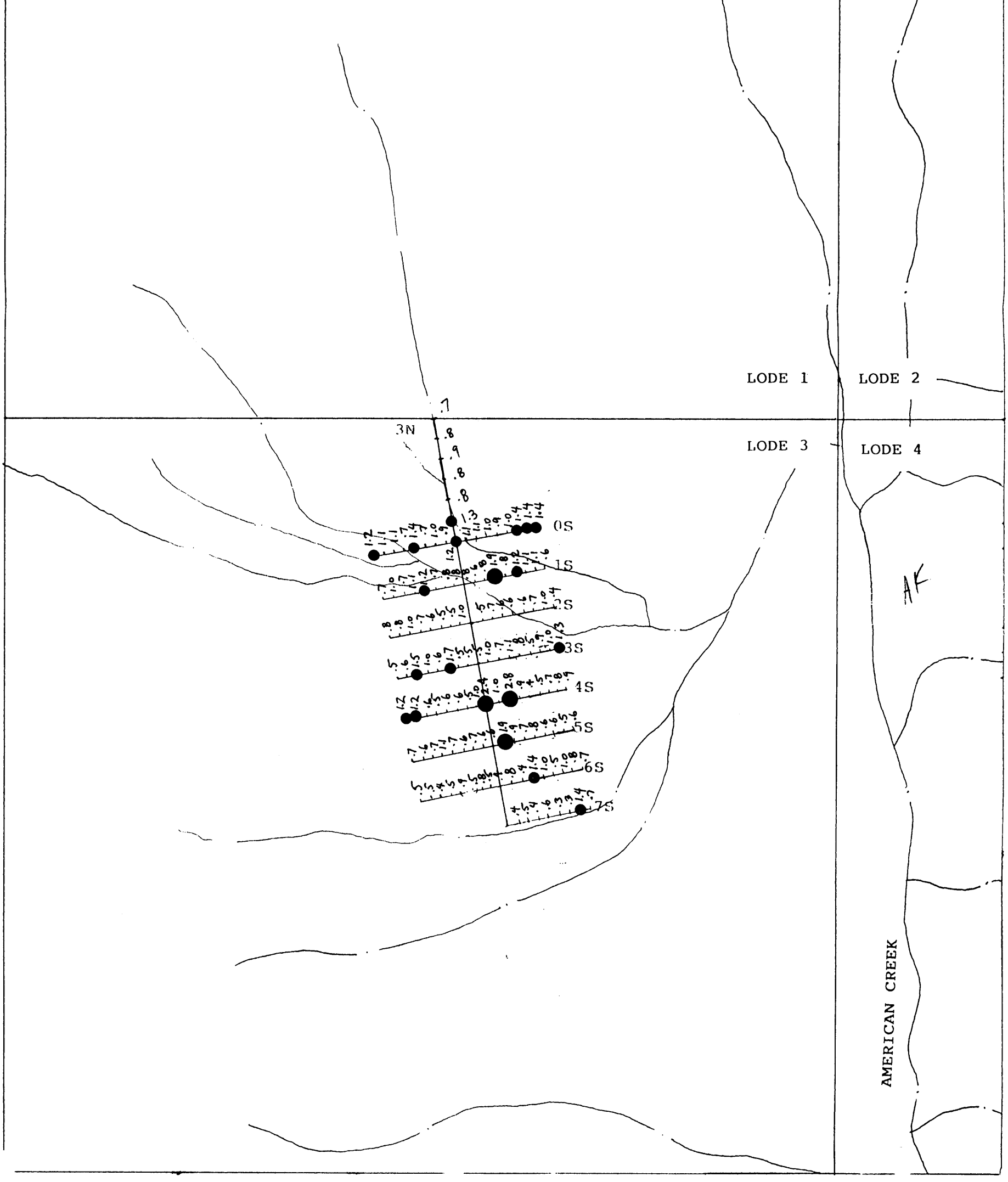
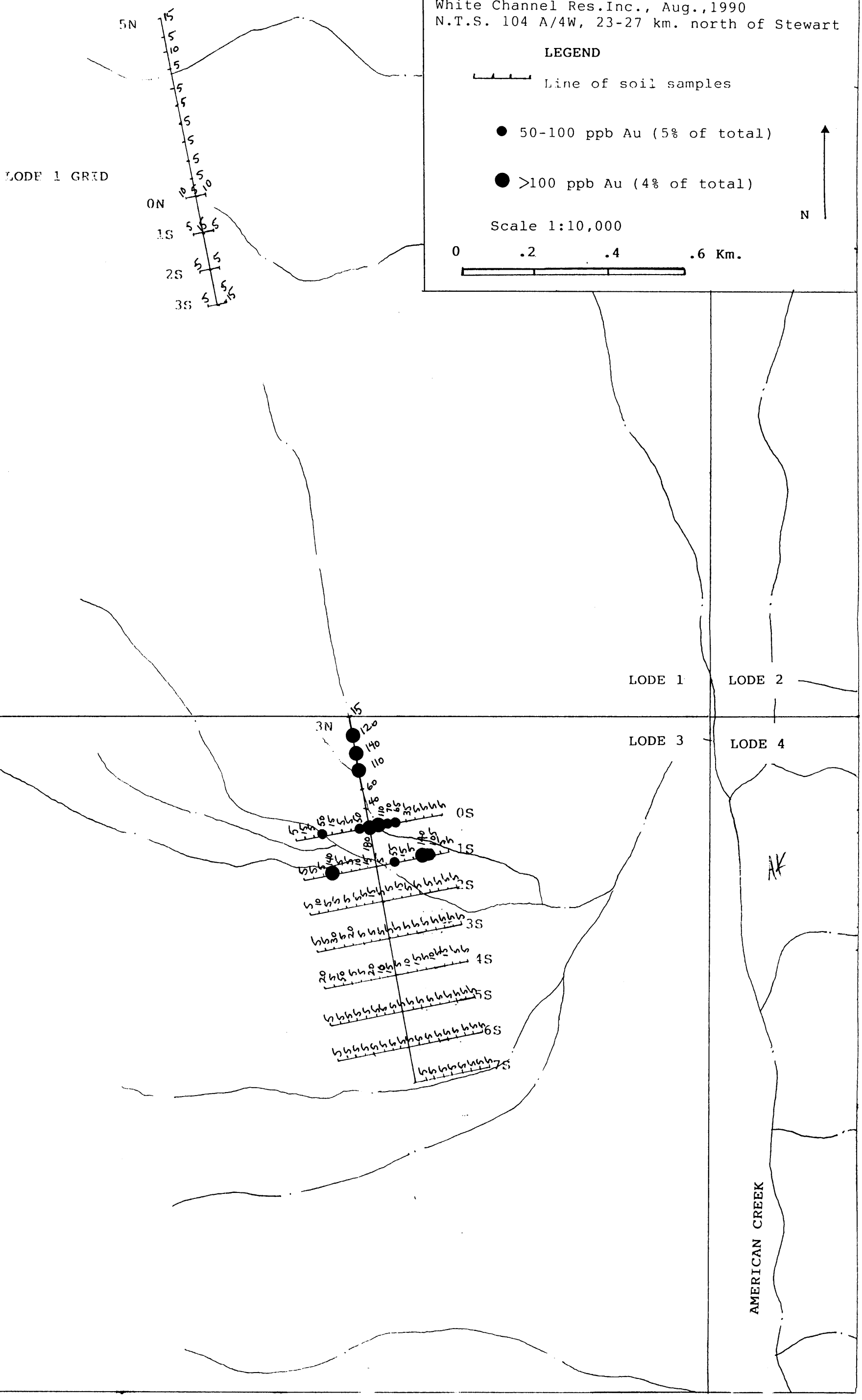


Fig. 10
SOIL SAMPLE LOCATIONS, HIGHLIGHTING
GEOCHEMICAL ANOMALIES Au values in ppb

LODE 1-4 CLAIMS, KELLY GIRL SHOWING

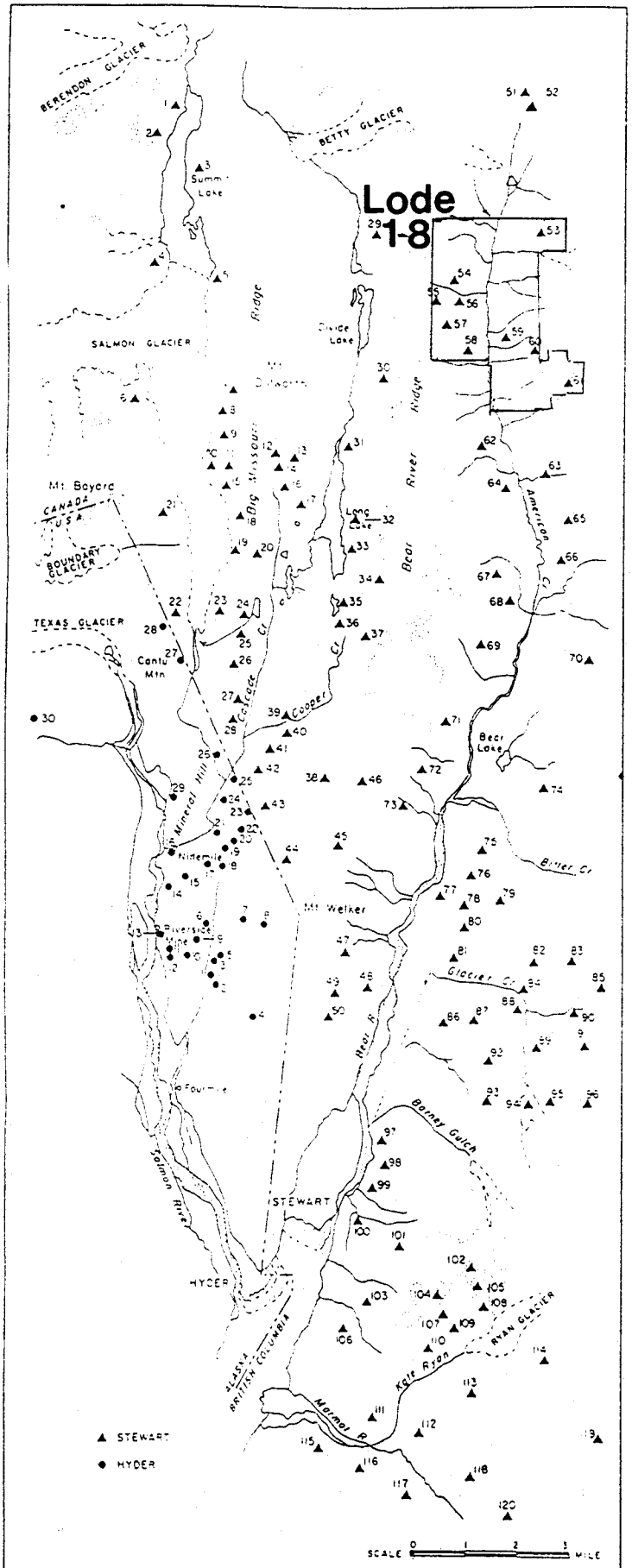
White Channel Res.Inc., Aug.,1990
N.T.S. 104 A/4W, 23-27 km. north of Stewart



Appendix A

Lode 1,3 Claims Sample Record - trenched rock chip samples

Sample Number	Showing Name	Survey Location	Width (Metres)	Description	Au g/t	Ag g/t	Cu %	Pb %	Zn %
5240	Kelly Girl	2+35N 0+00W	angular float	5% cp. in qtz.chl. gangue	4.54	71.8	7.92	0.05	0.04
5247	"	3+00N 0+00W	0.8	Qtz.stwk.in green and.,tr.cp.	3.21	3.4	0.04	0.02	0.01
5248	"	2+20N 0+00W	0.2	Qtz.vn.,25% py.,tr.cp.	1.02	8.6	0.04	0.02	0.01
5249	"	2+20N 0+05W	0.2	Bleached green-grey and.,4% py.	0.12	1.2	0.01	0.01	0.01



MINES AND PROSPECTS IN THE STEWART AND HYDER AREAS

Appendix B

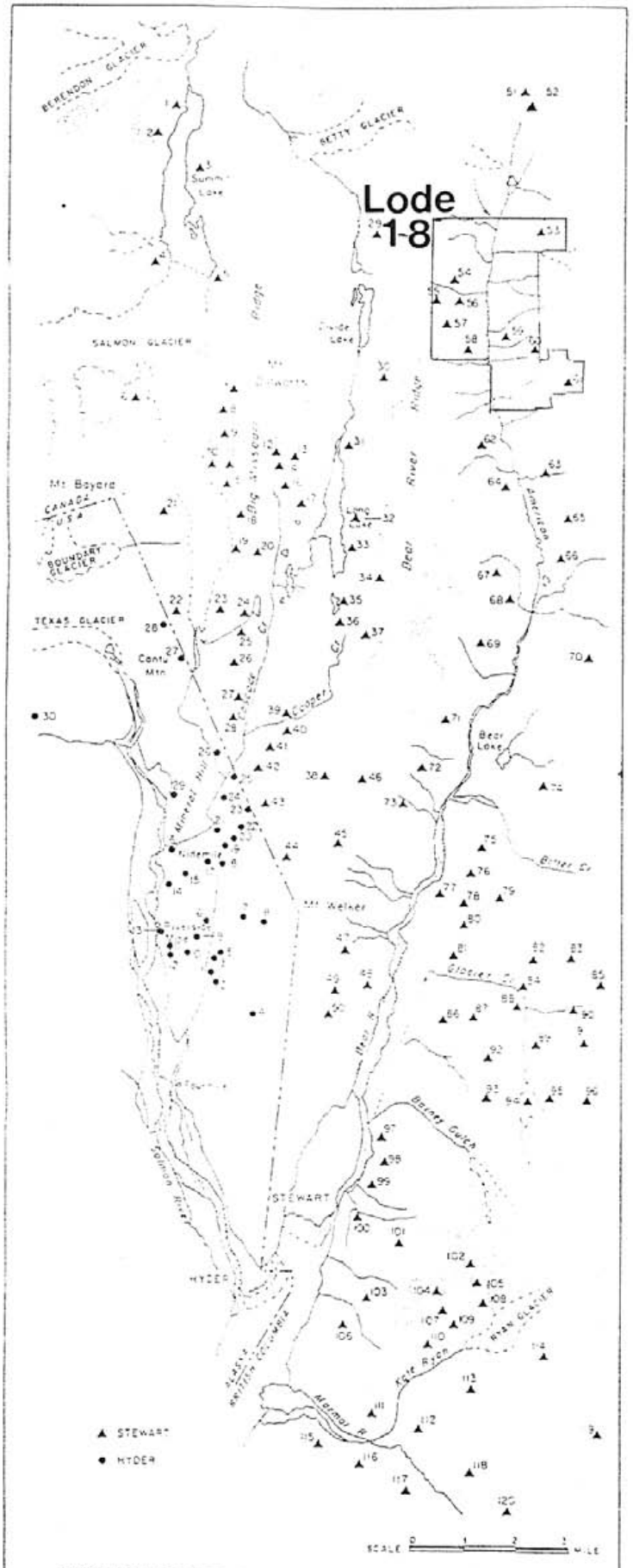
STEWART AREA

Map No.	Property	Metals
1.	Scottie	Au, Ag
2.	Morris Summit	Au, Ag
3.	Cassiar-Rainbow	Au, Ag
4.	Wolf Group, St. Eugene Group, Hollywood Mines Ltd.	Au, Ag, Pb, Zn
5.	Troy	Au, Ag, Pb
6.	Outland Silver Bar Mines Ltd., Eldorado Gold Mines Consolidated Ltd.	Au, Ag
7.	Forty-Nine	Ag, Pb
8.	Yellowstone Group	Ag, Pb
9.	Anaconda Group	Pb, Zn
10.	Silver Base Group	Ag, Pb, Zn
11.	Hercules Mines Ltd.	Au, Ag, Pb
12.	Lone Group	Ag, Pb, Zn
13.	Silver Crest	Ag, Pb, Zn
14.	Silver Tip	Au, Ag, Cu, Pb, Zn
15.	Last Chance	Pb, Zn
16.	Unicorn Group	Ag, Pb, Zn
17.	Mineral Hill	Ag, Pb, Zn
18.	Day Group	Au, Ag, Pb, Zn
19.	Packer Group	Pb, Zn
20.	Big Missouri, Buena Vista Mining Co.	Au, Ag, Pb, Zn, W
21.	Munro	Ag, Pb
22.	Conti, Last Chance	Au, Ag, Pb, Zn, W
23.	Boundary	Ag, Pb, Zn
24.	Silver Cord	Pb, Zn
25.	Pay Roll	Pb, Zn
26.	Indian Mines	Au, Ag, Pb, Zn
27.	Premier Extension	Au, Ag, Pb, Zn
28.	Woodbine	Au, Ag, Pb, Zn
29.	Betty Group	Au, Ag, Pb, Zn
30.	Silver Cliff, Silver Crown	Au, Ag, Pb, Zn
31.	Spider	Ag, Pb, Zn
32.	Sunrise	Ag, Pb, Zn
33.	Home Ranch	Ag, Pb, Zn
34.	White Heather	Au, Ag, Pb, Zn
35.	Monitor	Pb, Zn
36.	Lakeshore	Pb, Zn
37.	Daly, Sullivan	Ag, Pb, Zn
38.	Portlock	Au, Ag, Pb, Zn
39.	Bush-Cassiar	Ag, Pb, Zn
40.	Sebastian	Au, Ag, Cu, Pb, Zn, Cd
41.	Northern Light, B.C. Silver	Au, Ag, Cu, Pb, Zn, Cd
42.	Premier, Silbak Premier	Au, Ag, Cu, Pb, Zn, Cd, W
43.	B.C. Silver	Au, Ag, Cu, Pb, Zn
44.	International, High Ore	Au, Ag, Pb, Zn
45.	High Grade	Au, Ag, Pb, Zn
46.	M.C. Mining Co.	Au, Ag, Cu, Pb, Zn
47.	Prince Iona	Cu
48.	Chalmers	Pb, Cu
49.	United Empire	Ag, Pb, Zn
50.	Bayview	Au, Pb, Zn
51.	Moonlight	Au, Ag, Pb, Zn
52.	Excelsior, Virginia K.	Au, Ag, Pb, Zn
53.	Mother Lode	Au, Ag, Cu
54.	Blue Jay	Fe
55.	Daly Mines	Ag, Cu
56.	Blue Jay	Ag, Cu
57.	Bandolier	Ag, Cu
58.	Mountain Boy	Ag, Pb, Zn, Cu
59.	Anaconda, Adanac	Pb, Zn
60.	Terminus	Ag, Pb, Zn
61.	Vancouver	Au, Fe
62.	American Girl	Ag, Pb, Zn
63.	Ketchum	Au, Cu, Pb, Zn
64.	Lupon	Zn, Ag, Pb
65.	Morning	Zn
66.	Galena Farm	Pb, Zn
67.	Big Casino	Cu, Pb
68.	Red Cliff	Au, Ag, Cu
69.	Independence	Au, Ag, Pb, Zn
70.	Ruby Silver	Ag, Pb, Zn
71.	Dalhousie	Au, Ag, Cu
72.	International	Pb, Zn
73.	Aztec	Ag, Pb, Zn, Cu
74.	Ore Mountain	Pb
75.	America's Girl Group, American Girl	Cu
76.	Silver Ledge	Pb, Zn
77.	Misty Never	Pb, Zn
78.	Victoria	Ag, Pb, Zn
79.	Olympic	Ag, Pb, Zn
80.	Dunwell	Au, Ag, Cu, Pb, Zn
81.	Glacier Creek, George E.	Pb, Zn
82.	Lakeview	Ag, Pb, Zn
83.	Nelson	Ag, Pb, Zn
84.	Riverside	Ag, Pb, Zn
85.	Bush and Frances B.A.F.	Au, Ag, Pb, Zn, Sb
86.	Phoenix	Ag, Pb, Zn
87.	Portland Canal	Au, Ag, Pb, Zn
88.	Nimrod	Ag, Pb, Zn
89.	Albert	Au, Ag, Pb, Zn
90.	Last Chance	Ag, Pb, Zn
91.	L & L Consolidated	Au, Ag, Pb, Zn, Cu, As
92.	Mobile, Chicago, Silver Bar	Ag, Pb, Zn
93.	Red Hill	Ag, Pb, Zn
94.	Ben Bar	Ag, Pb, Zn
95.	Never Sweat	Ag, Pb, Zn
96.	Black Bear	Ag, Pb, Zn, Cu, S
97.	Monroe	Ag, Pb, Zn
98.	Grey M	Au, Ag, Cu
99.	Molly B	Au, Ag, Pb, Zn, Cu, W
100.	Red River	Au, Ag, Cu
101.	Silverado	Au, Ag, Pb, Zn, Cu
102.	Yukon	Ag, Pb, Zn
103.	Silver Bell	Pb, Zn
104.	Silver Key	Au, Ag, Pb, Zn
105.	Tazeena	Ag, Pb, Zn
106.	Coast Survey	Pb, Zn, Cu
107.	Prosperity	Au, Ag, Pb, Zn, Cu
108.	Melvin	Ag, Pb
109.	Porter Idaho	Au, Ag, Pb, Zn, Cu
110.	Aberdeen	Pb, Zn
111.	Wes Gold	Au
112.	Marmot Consolidated	Pb, Zn
113.	Fraser	Cu, As
114.	Dominion	Cu, Pb, Zn
115.	Mida	Au, Cu
116.	Myrtle	Au, Cu
117.	Scottsdale	Au, Ag, Pb, Zn, Cu
118.	Patricia, Overnight	Au, Cu, Pb, Zn
119.	Glacier Girl	Fe, Ag
120.	Marmot Metals	Au, Ag, Pb, Zn

HYDER AREA*

1.	Mountain View	Au, Ag, Pb
2.	Lucky Boy Extension	Pb, Zn, Cu
3.	Bishop	Fe, Cu
4.	Victoria	Fe
5.	Fish Creek, lower workings	Au, Ag, Pb, Cu
6.	Fish Creek, upper workings	Au, Ag, Pb, Cu
7.	Hyder Stockum	Fe, Cu, As
8.	Trish	Au, Ag, Pb, Zn
9.	Nieuwra	Ag, Pb, Zn, Cu, W
10.	Last Shot	Pb, Zn, Cu
11.	Howard	Pb, Zn
12.	Scottie	Au, Pb
13.	Rimrock	Au, Ag, Pb, Zn, Cu, W
14.	Butte	Au, Ag, Pb
15.	Crest	Au, Pb, Cu
16.	Cripple Creek	Ag, Pb, Zn
17.	Portland	Pb, Zn, Cu
18.	Noble	Au, Ag, Pb, Zn, Cu, As
19.	Alaska-Premier	Au, Pb, Zn, Cu
20.	Daly Alaska, upper workings	Au, Ag, Pb, Zn, Cu, As
21.	Daly Alaska, lower workings	Pb, Zn, Cu, Ag
22.	Sweet-Clegg-O'Rourke	Au, Ag, Pb, Zn, Cu
23.	Sunset	Ag, Pb, Zn, Cu
24.	Virginia	Ag, Pb, Zn
25.	Border	Pb, Zn, Cu
26.	Gold Cliff Prospect	Au, Ag, Pb, Zn, Cu
27.	Conti	Au, Ag, Pb, Zn, Cu
28.	Bonthal	Cu, Pb
29.	96 Group	Ag, Pb, Zn, Cu
30.	Silver Bar	Cu, Pb

* *See* U.S.G.S., Bull. 847, 1929



MINES AND PROSPECTS IN THE STEWART AND HYDER AREAS

STEWART AREA

Map No.	Property	Metals
1	Silbak	Au, Ag
2	Marvel Summit	Au, Ag
3	Coastal Rainbow	Au, Ag
4	Wolf Group, St. Eugene Group, Hollywood Mines Ltd.	Au, Ag, Pb, Zn
5	Troy	Au, Ag, Pb
6	Outland Silver Bar Mines Ltd., Eldorado Gold Mines Consolidated Ltd.	Au, Ag
7	Forty Nine	Ag, Pb
8	Yellowhorse Group	Ag, Pb
9	Anaconda Group	Pb, Zn
10	Silver Basin Group	Ag, Pb, Zn
11	Hercules Mines Ltd.	Au, Ag, Pb
12	Lava Group	Ag, Pb, Zn
13	Silver Creek	Ag, Pb, Zn
14	Silver Tip	Au, Ag, Cu, Pb, Zn
15	Last Chance	Pb, Zn
16	Charles Group	Ag, Pb, Zn
17	Mineral Hill	Ag, Pb, Zn
18	Gay Group	Au, Ag, Pb, Zn
19	Foster Group	Pb, Zn
20	Big Missouri, Buena Vista Mining Co.	Au, Ag, Pb, Zn
21	Homer	Ag, Pb
22	Lucky Last Chance	Au, Ag, Pb, Zn
23	Downeaster	Ag, Pb, Zn
24	Silver Cave	Pb, Zn
25	Fay Bell	Pb, Zn
26	Indian Mines	Au, Ag, Pb, Zn
27	Premier Extension	Au, Ag, Pb, Zn
28	Woodbine	Au, Ag, Pb, Zn
29	Betty Group	Au, Ag, Pb, Zn
30	Silver Dyke, Silver Crown	Au, Ag, Pb, Zn
31	Spider	Au, Ag, Pb, Zn
32	Sunrise	Ag, Pb, Zn
33	Happy Ranch	Ag, Pb, Zn
34	White Hawk Inc.	Au, Ag, Pb, Zn
35	Hannah	Pb, Zn
36	Lakeshore	Pb, Zn
37	Daly Sullivan	Ag, Pb, Zn
38	Portlize	Au, Ag, Pb, Zn
39	Bush-Cobalt	Ag, Pb, Zn
40	Seaview	Au, Ag, Cu, Pb, Zn, Co
41	Northern Light, B.C. Silver	Au, Ag, Cu, Pb, Zn, Co
42	Premier, Silbak Premier	Au, Ag, Cu, Pb, Zn, Co, W
43	B.C. Silver	Au, Ag, Cu, Pb, Zn
44	International, High Ore	Au, Ag, Pb, Zn
45	High Grade	Au, Ag, Pb, Zn
46	M.C. Mining Co.	Au, Ag, Cu, Pb, Zn
47	Prince Tate	Cu
48	Claimers	Pb, Cu
49	United Empire	Ag, Pb, Zn
50	Bayview	Au, Pb, Zn
51	Moonlight	Au, Ag, Pb, Zn
52	Excelsior, Virginia K.	Au, Ag, Pb, Zn
53	Mother Lode	Au, Ag, Cu
54	Blue Jay	Pb
55	Daly Mines	Ag, Cu
56	Blue Jay	Ag, Cu
57	Bandolier	Ag, Cu
58	Mountain Boy	Ag, Pb, Zn, Cu
59	Amazonica, Azores	Pb, Zn
60	Dominion	Ag, Pb, Zn
61	Vancouver	Au, Pb
62	American Girl	Ag, Pb, Zn
63	Ketchan	Au, Cu, Pb, Zn
64	Lipton	Zn, Ag, Pb
65	Wyoming	Zn
66	Golden Fairy	Pb, Zn
67	Big Casino	Cu, Pb
68	Red Cliff	Au, Ag, Cu
69	Independence	Au, Ag, Pb, Zn
70	Ruby Silver	Ag, Pb, Zn
71	Gallagher	Au, Ag, Cu
72	International	Pb, Zn
73	Adler	Ag, Pb, Zn, Cu
74	Ore Mountain	Pb
75	American Girl Group, American Girl	Cu
76	Silver Ledge	Pb, Zn
77	Mayflower	Pb, Zn
78	Natalie	Ag, Pb, Zn
79	Olympia	Ag, Pb, Zn
80	Dunwell	Au, Ag, Cu, Pb, Zn
81	Glacier Creek, George E.	Pb, Zn
82	Lawrence	Ag, Pb, Zn
83	Nanook	Ag, Pb, Zn
84	Riverside	Ag, Pb, Zn
85	Paul and Francis M.A.P.	Au, Ag, Pb, Zn, Cu
86	Phoenix	Ag, Pb, Zn
87	Portland Cons.	Au, Ag, Pb, Zn
88	Homer	Ag, Pb, Zn
89	Hearst	Au, Ag, Pb, Zn
90	Last Chance	Ag, Pb, Zn
91	A.J. Consolidated	Au, Ag, Pb, Zn, Cu, W
92	Mobile, Chicago, Silver Bar	Ag, Pb, Zn
93	Red Mill	Ag, Pb, Zn
94	Ben Bow	Ag, Pb, Zn
95	Never Sweat	Ag, Pb, Zn
96	Black Bill	Ag, Pb, Zn, Cu, S
97	Homeco	Ag, Pb, Zn
98	Grey W	Au, Ag, Cu
99	Molly B	Au, Ag, Pb, Zn, Cu, W
100	Red Roof	Au, Ag, Cu
101	Silverado	Au, Ag, Pb, Zn, Cu
102	View	Ag, Pb, Zn
103	Silver Bell	Pb, Zn
104	Silver Key	Au, Ag, Pb, Zn
105	Tazanna	Ag, Pb, Zn
106	Coast Silver	Pb, Zn, Cu
107	Prosperity	Au, Ag, Pb, Zn, Cu
108	Mahoney	Ag, Pb
109	Porter Idaho	Au, Ag, Pb, Zn, Cu
110	Amazon	Pb, Zn
111	Holy Grail	Au
112	Marmot Consolidated	Pb, Zn
113	Fraser	Cu, Au
114	Dominion	Cu, Pb, Zn
115	Mafex	Au, Cu
116	Mohr	Au, Cu
117	B.C. Molybdenum	Au, Ag, Pb, Zn, Cu
118	Portlock, Ohmenzetti	Au, Cu, Pb, Zn
119	Glacier Girl	Pb, Ag
120	Marmot Metals	Au, Ag, Pb, Zn

HYDER AREA*

1	Mountain View	Au, Ag, Pb
2	Lucky Boy Extension	Pb, Zn, Cu
3	Rodney	Pb, Cu
4	Victoria	Pb
5	Fish Creek, lower workings	Au, Ag, Pb, Cu
6	Fish Creek, upper workings	Au, Ag, Pb, Cu
7	Hyder Showings	Pb, Cu, As
8	Titan	Au, Ag, Pb, Zn
9	Hercules	Ag, Pb, Zn, Cu, W
10	Last Stop	Pb, Zn, Cu
11	Hawaii	Pb, Zn
12	Sabella	Au, Pb
13	Arlington	Au, Ag, Pb, Zn, Cu, W
14	Pella	Au, Ag, Pb
15	Gladiator	Au, Pb, Cu
16	Grizzly Gem	Ag, Pb, Zn
17	Portland	Pb, Zn, Cu
18	Hobo	Au, Ag, Pb, Zn, Cu, As
19	Alaska Premier	Au, Pb, Zn, Cu
20	Daly Alaska, upper workings	Au, Ag, Pb, Zn, Cu, As
21	Daly Alaska, lower workings	Pb, Zn, Cu, Ag
22	Homer-Cliff-O'Rourke	Au, Ag, Pb, Zn, Cu
23	Sunset	Ag, Pb, Zn, Cu
24	Vaquita	Ag, Pb, Zn
25	Border	Pb, Zn, Cu
26	Gold Cliff Premier	Au, Ag, Pb, Zn, Cu
27	Cable	Au, Ag, Pb, Zn, Cu
28	Bethlehem	Cu, Pb
29	99 Group	Ag, Pb, Zn, Cu
30	Silver Bar	Cu, Pb

*In USGS Bull. 987, 1974

Appendix B

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

Appendix C

AUGUST 24, 1990

CERTIFICATE OF ANALYSIS ETS 90-9052

NAVARRE RES. CORP.
201 - 744 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1A5

A S S A Y S

SAMPLE IDENTIFICATION: 1 ROCK sample received AUGUST 17, 1990
PROJECT: LODE

ET#	Description	AU (g/t)	AU (oz/t)	AG (g/t)	CU (%)
9052 - 1	52540	4.54	.132	71.8	7.92

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

FAX: ANDRIS KITKAUKA
636-2850
DR. E. W. GROVE
658-5289

cc. DR. E. W. GROVE
4581 BOULDERWOOD DR.
VICTORIA, B.C.

SC90/NAVARRE

ECO-TECH LABORATORIES LTD.

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

NAVARRE RES. CORP. - ETS 90-9052

201-744 WEST HASTINGS ST.
VANCOUVER, B.C.
V6C 1A5

AUGUST 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: LODE
1 ROCK SAMPLE RECEIVED AUGUST 17,1990

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y
9052 - 1	52540	>30.0	.72	10	18	15	35	.03	<1	10	117	>10000	11.61	.02	<10	.32	603	6	.03	4	>10000	562	<5	<20	10	<.01	10	34	50	1

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/K1

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

SEPTEMBER 20, 1990

CERTIFICATE OF ANALYSIS ETS 90-9102

NAVARRE RES. CORP.
201 - 744 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1A5

SAMPLE IDENTIFICATION: 3 ROCK samples received SEPTEMBER 10,1990

ET#	Description	AU (g/t)	AU (o/t)	AG (g/t)	AG (oz/t)
9102 - 1	52547	3.21	.094	3.4	.10
9102 - 2	52548 N/R	1.02	.030	8.6	.25
9102 - 3	52549 N/R	.12	.003	1.2	.04

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

FAX: 684-5135
658-5289

cc. DR. E. W. GROVE
4581 BOULDERWOOD DR.
VICTORIA, B.C.

SC90/NAVARRE#2

ECO-TECH LABORATORIES LTD.

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

NAVARRE RES. CORP. - ETS 90-9102

201-744 WEST HASTINGS ST.
VANCOUVER,B.C.
V6C 1A5

SEPTEMBER 20, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

3 ROCK SAMPLES RECEIVED SEPTEMBER 10, 1990

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9102 - 1	52547	3.8	1.57	20	16	57	<5	.20	<1	14	164	462	6.05	.29	99	.88	1418	14	<.01	7	909	135	<5	<20	3	<.01	<10	52	<10	<1	164
9102 - 2	52548	10.0	.02	793	17	112	<5	<.01	7	14	96	406	18.57	<.01	289	.52	38	17	.02	3	37	254	9	<20	11	.01	<10	3	<10	<1	24
9102 - 3	52549	1.6	2.33	336	14	94	<5	.20	1	21	93	77	11.50	.02	186	1.58	2121	17	.03	5	959	55	<5	<20	8	.01	<10	79	<10	<1	104

NOTE: < = LESS THAN
> = GREATER THAN

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B.C. CERTIFIED ASSAYER

SC90/NAVARRE

ECO-TECH LABORATORIES LTD.

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KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

NAVARRE RES. CORP. - ETS 90-9101

201-744 WEST HASTINGS ST.
VANCOUVER,B.C.
V6C 1A5

SEPTEMBER 21, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: LODE
34 SOIL SAMPLES RECEIVED SEPTEMBER 10, 1990

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9101 - 1	LODE - 1	35	1.0	2.00	15	28	160	<5	.27	<1	19	12	50	4.39	.05	10	1.08	1811	3	.04	9	1150	339	5	<20	14	.07	<10	71	<10	5	378
9101 - 2	LODE - 2	10	.4	1.16	10	18	120	<5	.42	<1	17	5	28	3.71	.03	10	1.05	790	2	.04	6	1050	12	5	<20	19	.08	<10	68	<10	4	67
9101 - 3	LODE - 3	<5	.4	1.07	15	23	100	<5	.67	<1	20	5	35	4.02	.04	10	.91	816	2	.03	6	1270	11	5	<20	27	.05	<10	60	<10	6	74
9101 - 4	LODE - 4	15	1.8	1.13	10	19	190	<5	.38	<1	17	6	29	4.24	.03	10	1.00	911	2	.04	6	1220	15	5	<20	19	.06	<10	71	<10	4	81
9101 - 5	LODE - 5	145	3.0	1.42	25	26	320	<5	.38	<1	23	8	84	4.93	.04	10	1.08	1991	3	.03	7	1020	30	5	<20	26	.05	<10	80	<10	5	244
9101 - 6	LODE - 6	5	.4	1.53	75	44	270	<5	.52	<1	15	7	19	4.40	.05	10	1.02	1650	5	.04	3	900	16	5	<20	26	.06	<10	80	<10	4	121
9101 - 7	LODE - 7	<5	1.6	1.34	25	96	130	<5	.47	<1	18	7	27	4.94	.03	<10	1.28	965	1	.04	4	1140	14	10	<20	16	.05	<10	97	<10	4	99
9101 - 8	LODE - 8	5	.4	1.71	75	30	190	<5	.49	<1	15	15	19	4.48	.04	10	1.27	1623	4	.04	6	740	13	5	<20	33	.07	<10	83	<10	4	128
9101 - 9	LODE - 9	20	.4	1.60	45	26	155	<5	.62	<1	17	9	20	4.30	.05	<10	1.07	1198	1	.04	4	890	14	5	<20	34	.07	<10	88	<10	3	129
9101 - 10	LODE - 10	<5	.4	1.30	40	39	255	<5	.48	<1	14	5	18	4.33	.05	10	1.01	1122	1	.05	3	1010	8	5	<20	24	.06	<10	75	<10	4	86
9101 - 11	LODE - 11	60	.2	1.17	30	40	280	<5	.49	<1	13	5	14	3.91	.05	<10	.83	919	2	.04	3	680	9	5	<20	30	.07	<10	74	<10	3	91
9101 - 12	LODE - 12	10	.2	1.12	40	38	235	<5	.45	<1	12	6	12	3.95	.04	10	.75	999	2	.04	2	890	16	5	<20	26	.06	<10	65	<10	3	80
9101 - 13	LODE - 1 L0+00S 0+00W	<5	.8	1.86	35	29	125	<5	.04	<1	18	3	39	4.88	.02	<10	.62	1055	4	.04	2	2010	20	15	<20	8	.23	<10	56	<10	4	53
9101 - 14	LODE - 1 L0+00S 0+25W	10	1.6	1.74	45	16	55	<5	.14	<1	32	2	42	4.88	.02	<10	.51	1972	3	.04	<1	1030	19	5	<20	13	.16	<10	32	<10	4	69
9101 - 15	LODE - 1 L0+00S 0+25E	10	1.2	1.07	20	14	45	<5	.08	<1	15	4	34	4.92	.03	<10	.63	683	4	.04	4	1340	22	10	<20	8	.05	<10	47	<10	3	51
9101 - 16	LODE - 1 L0+00S 0+00W	5	.8	1.86	30	12	65	<5	.07	<1	14	6	40	4.94	.03	10	.44	584	7	.04	3	1890	23	10	<20	9	.13	<10	55	<10	5	70
9101 - 17	LODE - 1 L1+00S 0+00W	15	1.4	3.73	30	15	235	<5	.43	<1	34	8	40	4.26	.04	20	.63	1829	2	.04	7	1940	18	10	<20	17	.06	<10	68	<10	14	195
9101 - 18	LODE - 1 L1+00S 0+25W	5	.8	.83	15	8	65	<5	.04	<1	4	3	13	3.67	.05	<10	.23	155	3	.04	2	1290	14	5	<20	7	.10	<10	47	<10	1	22
9101 - 19	LODE - 1 L1+00S 0+25E	<5	.6	3.02	25	20	200	<5	.11	<1	11	4	47	4.90	.04	30	.28	367	6	.05	4	1650	5	15	<20	8	.07	<10	36	<10	19	77
9101 - 20	LODE - 1 L1+00N 0+00W	<5	.8	1.48	30	10	85	<5	.03	<1	12	5	35	4.82	.03	<10	.83	732	4	.04	1	2540	3	10	<20	5	.25	<10	85	<10	3	56
9101 - 21	LODE - 1 L1+50N 0+00W	5	1.6	2.77	15	10	120	<5	.06	<1	10	11	26	4.78	.03	10	.59	448	3	.04	4	2290	4	10	<20	7	.12	<10	87	<10	4	61
9101 - 22	LODE - 1 L2+00S 0+00W	<5	1.8	2.22	20	10	70	<5	.09	<1	15	15	35	4.70	.05	10	.65	876	4	.06	6	2560	11	10	<20	9	.10	<10	63	<10	4	69
9101 - 23	LODE - 1 L2+00S 0+25W	<5	.6	.41	20	10	60	<5	.01	<1	16	1	47	8.52	.03	10	.13	1061	4	.04	3	3470	13	20	<20	2	.01	<10	15	<10	3	78
9101 - 24	LODE - 1 L2+00S 0+25E	5	3.0	3.65	25	10	90	<5	.08	<1	75	9	36	5.42	.04	30	.33	3575	4	.05	2	900	11	10	<20	5	.10	<10	60	<10	22	109
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9101 - 26	LODE - 1 L2+50S 0+00W	5	.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ECO-TECH LABORATORIES LTD. NAVARRE RES. CORP. - ETS 90-9101

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9101 - 27	LODE - 1 L3+00S 0+00W	<5	1.8	2.00	15	10	150	<5	.26	<1	27	8	57	4.44	.05	10	.97	1756	1	.04	7	1560	16	10	<20	15	.08	<10	71	<10	6	101
9101 - 28	LODE - 1 L3+00S 0+25W	5	1.4	1.34	15	10	90	<5	.05	<1	10	5	28	4.62	.04	10	.42	543	3	.04	3	1590	18	10	<20	6	.09	<10	44	<10	3	57
9101 - 29	LODE - 1 L3+00S 0+25E	15	1.0	2.21	15	10	75	<5	.09	<1	12	10	28	4.63	.05	<10	.68	441	1	.04	6	1020	20	10	<20	8	.07	<10	73	<10	3	68
9101 - 30	LODE - 1 L3+00N 0+00W	5	.6	1.46	15	10	215	<5	.11	<1	10	4	24	5.10	.08	<10	.82	503	2	.05	2	1780	17	10	<20	17	.14	<10	76	<10	2	70
9101 - 31	LODE - 1 L3+50N 0+00W	5	.6	1.55	20	10	240	<5	.13	<1	10	3	24	4.96	.07	<10	.89	569	1	.04	4	1690	18	5	<20	18	.12	<10	74	<10	2	80
9101 - 32	LODE - 1 L4+00N 0+00W	10	2.2	1.53	15	10	210	<5	.16	<1	15	5	30	5.12	.05	<10	.92	720	1	.04	4	1600	22	10	<20	14	.09	<10	75	<10	3	81
9101 - 33	LODE - 1 L4+50N 0+00W	<5	1.8	1.43	10	10	185	<5	.17	<1	15	4	29	4.76	.04	<10	.92	622	1	.04	4	1610	19	10	<20	14	.09	<10	71	<10	3	83
9101 - 34	LODE - 1 L5+00N 0+00W	15	.4	1.39	15	10	150	<5	.15	<1	12	4	20	5.09	.03	<10	.79	489	2	.04	2	1720	20	10	<20	15	.14	<10	79	<10	2	53

NOTE: < = LESS THAN
> = GREATER THAN

FAX: 684-5135

C.C.: E.W.GROVE 4581 BOULDERWOOD
VICTORIA, B.C.
FAX:658-5289

STEWART LAB

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/NAVARRE#3

ECO-TECH LABORATORIES LTD.

NAVARRE RES. CORP. - ETK 90-9059

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

201-744 W. HASTING ST.
VANCOUVER, B.C.
V6C - 1A5

AUGUST 31, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: LODE PROJECT

132 SOIL SAMPLES RECEIVED AUGUST 20, 1990

ET#	DESCRIPT	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9059 - 1	L0 + 00S 0+ 00 W	100	1.2	2.04	24	5	510	<5	.36	<1	19	11	53	4.97	.14	22	.85	2594	1	<.01	5	1729	49	<5	<20	25	.02	14	88	<10	8	144
9059 - 2	L0 + 00S 0+ 25 W	50	.9	2.12	33	6	318	<5	.52	<1	20	8	50	5.96	.11	20	1.01	2803	1	<.01	6	1091	33	<5	<20	45	.10	11	111	<10	12	140
9059 - 3	L0 + 00S 0+ 50 W	<5	1.0	2.03	25	3	309	<5	.84	<1	17	7	38	5.29	.11	21	1.07	1651	2	<.01	5	1081	19	<5	<20	73	.13	<10	105	<10	16	104
9059 - 4	L0 + 00S 0+ 75 W	5	.7	2.31	22	5	105	<5	.10	<1	5	4	16	5.76	.08	17	.35	513	<1	<.01	1	670	18	<5	<20	15	.02	12	97	<10	1	70
9059 - 5	L0 + 00S 0+ 25 E	110	1.1	2.31	39	7	660	<5	.31	<1	25	7	88	7.18	.11	35	.83	4478	<1	<.01	4	1511	65	<5	<20	34	.04	12	94	<10	22	155
9059 - 6	L0 + 00S 0+ 50 E	70	1.1	1.24	61	7	260	<5	.20	<1	23	2	53	10.10	.12	21	.74	1372	9	<.01	3	1521	129	<5	<20	17	.03	12	48	<10	6	86
9059 - 7	L0 + 00S 0+ 75 E	65	1.0	1.57	29	7	199	<5	.28	<1	19	6	25	5.95	.11	18	.67	2528	<1	<.01	3	845	30	<5	<20	36	.08	<10	97	<10	3	87
9059 - 8	L0 + 00S 1+ 00 W	15	1.4	2.33	26	5	229	<5	.22	<1	21	7	30	5.43	.07	15	.57	1975	2	<.01	2	847	34	8	<20	28	.05	<10	113	<10	11	82
9059 - 9	L0 + 00S 1+ 25 W	50	.7	1.06	54	<2	901	<5	.67	<1	9	<1	15	5.41	.06	17	.14	694	11	<.01	<1	1361	27	<5	<20	58	<.01	10	72	<10	8	213
9059 - 10	L0 + 00S 1+ 50 W	<5	1.1	2.21	24	5	159	<5	.27	<1	14	9	34	4.13	.09	19	.94	910	1	<.01	5	963	20	<5	<20	25	.07	10	85	<10	13	93
9059 - 11	L0 + 00S 1+ 75 W	15	1.1	2.91	29	6	74	<5	.10	<1	17	9	28	6.86	.04	11	.50	1551	<1	<.01	2	854	33	<5	<20	15	.09	12	104	<10	4	71
9059 - 12	L0 + 00S 1+ 00 E	35	.9	1.99	20	7	180	<5	.39	<1	17	7	30	4.59	.12	19	.83	1271	<1	<.01	4	779	27	<5	<20	39	.10	<10	92	<10	9	85
9059 - 13	L0 + 00S 1+ 25 E	<5	1.0	4.04	23	9	65	<5	.09	<1	39	13	27	5.11	.05	13	.53	3803	2	<.01	3	1477	27	<5	<20	13	.08	<10	67	<10	13	74
9059 - 14	L0 + 00S 1+ 50 E	<5	1.4	2.22	41	6	115	<5	.12	<1	16	9	23	9.25	.03	13	.56	1752	1	<.01	3	1100	26	<5	<20	16	.21	11	145	<10	5	67
9059 - 15	L0 + 00S 1+ 75 E	<5	1.4	1.90	34	9	62	<5	.12	<1	13	8	22	7.55	.05	18	.20	2884	2	.01	2	1956	32	<5	<20	17	.20	12	121	<10	9	49
9059 - 16	L0 + 00S 2+ 00 W	5	1.2	2.65	30	8	193	<5	.22	<1	21	11	34	6.06	.09	18	.88	2322	2	<.01	5	1329	42	6	<20	23	.06	11	108	<10	9	150
9059 - 17	L0 + 00S 2+ 00 E	<5	1.4	2.76	35	6	52	<5	.10	<1	7	9	32	7.69	.04	15	.42	442	2	<.01	3	906	26	<5	<20	17	.14	16	142	<10	10	63
9059 - 18	L0 + 50N 0+ 00 W	40	1.3	1.83	41	10	43	<5	.07	<1	44	2	54	10.24	.07	23	1.15	2900	4	<.01	2	1904	275	<5	<20	6	.02	<10	36	<10	4	95
9059 - 19	L1 + 00S 0+ 00 W	<5	.8	2.55	22	5	142	<5	.36	<1	10	10	22	5.12	.07	12	.67	724	3	<.01	6	656	23	<5	<20	44	.07	11	95	<10	5	74
9059 - 20	L1 + 00S 0+ 25 W	15	.8	3.97	25	6	132	<5	.35	<1	31	13	29	5.69	.06	14	.71	2635	5	<.01	5	729	16	<5	<20	40	.08	<10	83	<10	14	78
9059 - 21	L1 + 00S 0+ 50 W	10	.8	1.99	24	<2	230	<5	1.07	<1	10	6	37	3.09	.11	22	.93	702	<1	<.01	4	1195	17	<5	<20	101	.09	12	66	<10	13	93
9059 - 22	L1 + 00S 0+ 75 W	<5	.7	2.06	20	6	134	<5	.51	<1	13	6	36	4.51	.14	19	1.08	654	<1	<.01	3	414	11	<5	<20	58	.17	<10	93	<10	9	64
9059 - 23	L1 + 00S 0+ 25 E	<5	.6	1.74	23	5	234	<5	.76	<1	18	6	39	5.35	.15	27	1.33	1260	<1	<.01	3	1143	13	<5	<20	49	.21	<10	121	<10	13	84
9059 - 24	L1 + 00S 0+ 50 E	55	.8	1.80	24	6	286	<5	.37	<1	20	5	61	4.76	.12	25	.71	2933	3	<.01	3	1612	43	<5	<20	29	.03	<10	95	<10	6	108
9059 - 25	L1 + 00S 0+ 75 E	15	1.9	3.96	29	8	94	<5	.24	<1	25	14	65	5.76	.05	17	.88	1910	1	<.01	9	1461	23	<5	<20	19	.09	13	76	<10	11	93
9059 - 26	L1 + 00S 1+ 00 W	<5	1.2	2.47	16	4	324	<5	.68	<1	14	6	38	4.16	.16	26	1.09	705	<1	.01	3	763	16	<5	<20	64	.13	<10	88	<10	14	64

ECO-TECH LABORATORIES LTD. NAVARRE RES. CORP. - ETK 90-9059

ET#	DESCRIPT	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9059 - 27	L1 + 00S 1+ 25 W	140	1.1	2.46	19	5	106	<5	.27	<1	7	8	32	4.37	.09	17	.59	369	<1	<.01	3	808	14	<5	<20	34	.09	13	100	<10	5	42
9059 - 28	L1 + 00S 1+ 50 W	<5	.7	2.00	17	5	253	<5	.65	<1	15	5	31	4.20	.17	18	1.11	1309	<1	.01	2	826	10	<5	<20	62	.15	11	84	<10	9	73
9059 - 29	L1 + 00S 1+ 75 W	<5	1.0	2.19	18	4	230	<5	.58	<1	16	6	24	4.74	.14	17	.99	1002	<1	<.01	2	512	14	<5	<20	61	.13	<10	94	<10	7	73
9059 - 30	L1 + 00S 1+ 00 E	<5	.8	2.52	23	6	175	<5	.22	<1	14	7	31	5.06	.13	18	.97	855	<1	<.01	2	709	15	<5	<20	35	.07	<10	113	<10	7	64
9059 - 31	L1 + 00S 1+ 25 E	140	1.2	2.23	21	5	186	<5	.40	<1	19	8	47	5.16	.14	19	1.06	2185	<1	<.01	5	1104	21	<5	<20	39	.10	13	103	<10	9	105
9059 - 32	L1 + 00S 1+ 50 E	5	1.1	2.34	27	6	207	<5	.46	<1	19	8	70	5.67	.14	26	1.10	2622	1	<.01	4	1158	21	<5	<20	40	.12	<10	109	<10	20	102
9059 - 33	L1 + 00S 1+ 75 E	105	1.1	2.13	28	7	195	<5	.35	<1	19	8	54	5.52	.11	21	1.02	2230	<1	<.01	5	1107	24	<5	<20	31	.10	<10	101	<10	12	107
9059 - 34	L1 + 00S 2+ 00 W	<5	.7	1.77	17	4	311	<5	.80	<1	15	6	89	4.61	.13	22	1.18	1201	<1	<.01	4	968	9	<5	<20	65	.18	<10	88	<10	13	70
9059 - 35	L1 + 00S 2+ 00 E	<5	.6	.49	8	3	90	<5	.16	<1	1	2	19	1.23	.03	<10	.10	112	<1	<.01	1	837	7	<5	<20	17	.01	12	26	<10	<1	47
9059 - 36	L1 + 00N 0+ 00 W	60	.8	1.13	55	9	128	<5	.02	<1	46	<1	26	11.74	.08	39	.70	3403	7	<.01	<1	2306	62	<5	<20	4	.05	<10	36	<10	<1	68
9059 - 37	L1 + 50N 0+ 00 W	110	.9	1.39	40	5	408	<5	.52	<1	20	8	71	6.47	.10	22	.89	2803	<1	<.01	6	1278	33	<5	<20	35	.09	<10	82	<10	10	136
9059 - 38	L2 + 00S 0+ 25 W	15	1.0	1.05	28	6	78	<5	.11	<1	3	5	35	5.05	.06	13	.14	977	2	<.01	2	1388	18	<5	<20	21	.04	11	138	<10	<1	59
9059 - 39	L2 + 00S 0+ 50 W	<5	.5	2.31	<5	3	232	14	.65	1	16	6	37	6.22	.11	11	.88	1010	3	<.01	1	684	12	<5	<20	68	.08	<10	92	<10	11	89
9059 - 40	L2 + 00S 0+ 75 W	5	.5	1.36	9	5	35	11	.15	<1	4	3	18	5.28	.08	<10	.15	350	<1	<.01	<1	751	9	<5	<20	24	.06	<10	77	<10	4	35
9059 - 41	L2 + 00S 0+ 25 E	<5	.5	1.91	<5	3	204	10	.78	<1	11	4	25	5.50	.12	<10	.98	694	<1	<.01	2	819	7	<5	<20	70	.14	<10	94	<10	11	79
9059 - 42	L2 + 00S 0+ 50 E	15	.7	2.32	<5	4	210	11	.59	1	13	5	36	6.72	.14	11	.93	1422	2	<.01	2	907	17	<5	<20	78	.10	<10	93	<10	9	76
9059 - 43	L2 + 00S 0+ 75 E	<5	.6	2.89	<5	6	102	15	.32	1	18	13	55	7.94	.06	10	.96	1038	1	<.01	10	1106	6	<5	<20	24	.13	<10	85	<10	16	86
9059 - 44	L2 + 00S 1+ 00 W	5	.6	2.29	<5	4	43	17	.06	<1	2	10	13	8.80	.05	<10	.12	188	1	<.01	<1	622	12	<5	<20	13	.10	<10	163	<10	3	37
9059 - 45	L2 + 00S 1+ 25 W	<5	.7	3.09	<5	7	148	20	.08	2	9	10	36	11.81	.06	<10	.24	1926	2	<.01	1	1024	23	<5	<20	13	.07	<10	131	<10	2	69
9059 - 46	L2 + 00S 1+ 50 W	<5	1.0	3.38	<5	5	61	17	.10	2	13	12	26	9.45	.07	<10	.38	2557	<1	<.01	2	1123	428	<5	<20	13	.08	<10	88	<10	10	145
9059 - 47	L2 + 00S 1+ 75 W	10	.8	1.29	<5	4	37	8	.11	<1	3	6	9	4.21	.06	<10	.12	204	1	<.01	1	795	39	<5	<20	16	.09	<10	82	<10	3	69
9059 - 48	L2 + 00S 1+ 00 E	5	.6	3.35	<5	6	63	15	.25	1	9	12	73	8.13	.05	<10	.87	589	1	<.01	6	845	14	<5	<20	19	.11	<10	75	<10	9	86
9059 - 49	L2 + 00S 1+ 25 E	<5	.6	1.95	<5	4	219	12	.73	1	16	5	37	6.59	.12	<10	1.32	1155	<1	<.01	4	1239	6	<5	<20	45	.17	<10	97	<10	15	81
9059 - 50	L2 + 00S 1+ 50 E	<5	.7	1.64	<5	5	109	12	.36	<1	11	5	18	6.39	.12	<10	.71	2115	<1	<.01	1	1708	11	<5	<20	35	.09	<10	94	<10	5	66
9059 - 51	L2 + 00S 1+ 75 E	<5	1.0	1.62	8	4	53	15	.08	<1	3	5	23	7.48	.03	<10	.18	228	<1	<.01	3	730	14	<5	<20	15	.13	<10	116	<10	6	54
9059 - 52	L2 + 00S 2+ 00 W	<5	.8	3.30	<5	7	38	15	.05	1	5	11	21	7.35	.05	<10	.24	406	3	.01	3	840	9	<5	<20	10	.06	<10	59	<10	9	55
9059 - 53	L2 + 00S 2+ 00 E	<5	.4	1.08	<5	4	76	7	.07	<1	2	4	17	4.22	.05	<10	.06	158	1	<.01	<1	855	9	<5	<20	12	.03	<10	83	<10	2	45
9059 - 54	L2 + 00N 0+ 00 W	140	.7	1.82	29	8	671	17	.41	2	24	5	100	9.74	.12	17	.82	4481	1	<.01	4	1397	129	<5	<20	30	.07	<10	83	<10	15	153
9059 - 55	L2 + 50N 0+ 00 W	120	.8	2.37	19	6	434	15	.58	2	22	8	96	8.96	.11	15	1.02	3243	1	<.01	6	1292	33	<5	<20	48	.10	<10	99	<10	16	163
9059 - 56	L3 + 00S 0+ 00 W	<5	.5	1.91	<5	4	225	12	.69	1	13	5	50	6.10	.13	<10	.97	1147	<1	<.01	3	748	15	<5	<20	67	.14	<10	83	<10	11	112
9059 - 57	L3 + 00S 0+ 25 W	<5	.5	2.02	<5	3	287	12	.72	<1	9	8	15	5.60	.12	12	1.01	630	<1	<.01	5	1542	8	<5	<20	51	.08	<10	73	<10	10	84
9059 - 58	L3 + 00S 0+ 50 W	<5	.5	1.80	22	6	119	22	.07	1	13	2	11	11.43	.12	<10	.10	1321	<1	<.01	1	922	13	<5	<20	10	.02	<10	153	<10	2	119
9059 - 59	L3 + 00S 0+ 75 W	<5	1.7	2.55	<5	4	78	21	.10	<1	3	7	26	8.49	.04	<10	.25	357	2	<.01	2	656	14	<5	<20	12	.07	<10	102	<10	6	56
9059 - 60	L3 + 00S 0+ 25 E	<5	1.0	2.11	13	5	35	18	.06	<1	1	9	13	9.61	.04	<10	.18	202	2	<.01	<1	811	19	<5	<20	12	.15	<10	147	<10	4	39
9059 - 61	L3 + 00S 0+ 50 E	<5	.7	.94	9	5	48	9	.12	<1	3	4	18	4.63	.08	<10	.21	280	<1	<.01	<1	599	32	<5	<20	18	.14	<10	87	<10	5	42
9059 - 62	L3 + 00S 0+ 75 E	<5	1.1	2.23	16	5	47	<5	.05	<1	2	9	16	3.05	.05	28	.14	186	3	.01	<1	591	33	<5	<20	8	.12	<10	49	<10	10	37
9059 - 63	L3 + 00S 1+ 00 W	20	.6	1.58	8	6	69	14	.08	<1	12	5	12	7.61	.12	<10	.18	1876	1	<.01	1	1721	11	<5	<20	12	.04	<10	110	<10	2	103

ECO-TECH LABORATORIES LTD. NAVARRE RES. CORP. - ETK 90-9059

ET#	DESCRIPT	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9059 - 64	L3 + 00S 1+ 25 W	<5	1.0	3.23	<5	5	282	11	.25	2	21	10	31	6.81	.09	<10	.31	2356	3	<.01	4	1955	21	<5	<20	16	.02	<10	79	<10	21	155
9059 - 65	L3 + 00S 1+ 50 W	30	1.5	4.83	<5	5	132	9	.15	2	10	7	115	3.69	.06	54	.14	1505	1	<.01	<1	5030	<2	<5	<20	11	<.01	<10	33	<10	49	109
9059 - 66	L3 + 00S 1+ 75 W	<5	.6	3.66	<5	8	89	20	.09	2	9	7	42	11.30	.07	<10	.52	1485	<1	<.01	1	1049	79	<5	<20	17	.05	<10	148	<10	1	200
9059 - 67	L3 + 00S 1+ 00 E	<5	.8	2.95	<5	7	27	19	.06	2	3	9	16	8.16	.04	<10	.36	290	3	<.01	2	764	43	10	<20	10	.08	<10	74	14	7	48
9059 - 68	L3 + 00S 1+ 25 E	<5	.5	1.09	<5	5	45	10	.07	<1	2	6	4	4.28	.09	<10	.06	400	<1	<.01	<1	315	12	<5	<20	14	.12	<10	97	<10	4	18
9059 - 69	L3 + 00S 1+ 50 E	<5	.9	2.79	<5	7	26	18	.04	1	3	7	18	9.24	.04	11	.28	538	2	.02	1	670	20	<5	<20	9	.17	<10	54	<10	15	60
9059 - 70	L3 + 00S 1+ 75 E	<5	1.0	2.68	<5	6	63	16	.11	<1	8	8	23	7.79	.06	<10	.68	613	2	.01	3	627	21	<5	<20	16	.15	<10	83	<10	11	78
9059 - 71	L3 + 00S 2+ 00 W	<5	.5	1.14	10	6	175	11	.31	2	14	4	20	5.10	.09	19	.12	908	<1	<.01	2	1415	30	<5	<20	17	.01	<10	68	<10	13	99
9059 - 72	L3 + 00S 2+ 00 E	<5	1.3	2.57	<5	6	60	11	.07	<1	4	7	14	6.69	.04	<10	.41	321	3	<.01	2	575	23	<5	<20	12	.14	<10	72	<10	11	52
9059 - 73	L3 + 00N 0+ 00 W	15	.7	1.66	14	6	423	14	.49	1	18	6	51	8.39	.11	10	.89	2342	<1	<.01	5	1244	19	<5	<20	32	.10	<10	78	<10	13	127
9059 - 74	L4 + 00S 0+ 00 W	<5	2.4	3.58	<5	5	78	13	.07	<1	4	8	55	6.28	.06	10	.28	401	2	<.01	<1	1142	19	<5	<20	12	.08	<10	107	<10	8	48
9059 - 75	L4 + 00S 0+ 25 W	15	1.0	1.75	<5	4	119	10	.07	<1	3	4	19	5.34	.09	<10	.18	196	1	<.01	<1	701	4	<5	<20	18	.02	<10	104	<10	1	45
9059 - 76	L4 + 00S 0+ 50 W	10	.5	2.84	<5	<2	880	16	.54	2	10	6	21	9.21	.09	<10	.33	2063	3	<.01	<1	836	14	<5	<20	41	.05	<10	140	<10	8	158
9059 - 77	L4 + 00S 0+ 75 W	20	.6	2.17	44	4	532	16	1.03	11	33	7	38	9.30	.08	13	.33	5638	8	<.01	5	1432	19	<5	<20	96	.02	<10	169	<10	16	444
9059 - 78	L4 + 00S 0+ 25 E	10	1.0	2.77	24	8	40	24	.12	1	3	11	19	13.86	.04	<10	.23	363	2	<.01	<1	683	13	<5	<20	23	.25	<10	161	<10	5	53
9059 - 79	L4 + 00S 0+ 50 E	15	2.8	3.30	<5	7	76	11	.07	<1	5	12	20	4.87	.09	<10	.25	592	2	<.01	4	2390	11	<5	<20	11	<.01	13	64	<10	5	53
9059 - 80	L4 + 00S 0+ 75 E	<5	.9	2.26	<5	4	59	10	.06	<1	4	7	6	4.52	.05	<10	.15	231	3	<.01	<1	359	15	<5	<20	14	.26	11	166	<10	9	27
9059 - 81	L4 + 00S 1+ 00 W	<5	.6	2.05	59	7	414	16	.19	4	19	5	12	9.19	.08	11	.16	3291	6	<.01	1	1590	16	<5	<20	20	.01	<10	175	<10	14	388
9059 - 82	L4 + 00S 1+ 25 W	<5	.5	2.65	12	5	325	16	.30	<1	8	10	7	8.44	.09	<10	.63	755	10	<.01	2	289	16	<5	<20	30	.08	<10	162	<10	3	98
9059 - 83	L4 + 00S 1+ 50 W	50	.6	1.88	64	3	403	11	1.04	17	13	7	37	6.07	.09	11	.73	3079	5	<.01	4	1084	49	<5	<20	127	.02	<10	167	<10	8	622
9059 - 84	L4 + 00S 1+ 75 W	<5	1.2	3.10	46	6	401	21	.53	2	20	9	32	11.65	.10	<10	.38	4192	18	<.01	3	1711	36	<5	<20	67	.02	<10	184	<10	9	212
9059 - 85	L4 + 00S 1+ 00 E	10	.4	1.36	<5	4	53	<5	.03	<1	<1	5	3	.83	.05	<10	.07	111	<1	<.01	<1	235	25	<5	<20	8	.06	<10	46	<10	3	17
9059 - 86	L4 + 00S 1+ 25 E	<5	.5	2.43	5	6	52	11	.11	<1	5	9	44	5.72	.05	<10	.52	359	1	<.01	3	358	15	<5	<20	19	.10	<10	96	<10	4	55
9059 - 87	L4 + 00S 1+ 50 E	15	.7	1.84	<5	5	48	10	.06	<1	2	8	15	5.19	.05	<10	.15	166	1	<.01	<1	596	13	<5	<20	14	.10	<10	120	<10	3	33
9059 - 88	L4 + 00S 1+ 75 E	<5	.8	3.24	<5	7	46	13	.07	<1	4	12	13	6.52	.07	<10	.35	429	2	<.01	2	1014	11	<5	<20	16	.08	<10	91	<10	5	52
9059 - 89	L4 + 00S 2+ 00 W	20	1.2	2.52	14	5	179	11	.26	<1	7	7	48	4.65	.13	25	.56	583	4	<.01	1	1660	10	<5	<20	24	<.01	<10	97	<10	15	82
9059 - 90	L4 + 00S 2+ 00 E	<5	.9	1.82	13	6	50	14	.06	<1	3	5	20	7.39	.04	<10	.12	141	2	<.01	1	507	73	<5	<20	13	.13	<10	160	<10	3	40
9059 - 91	L5 + 00S 0+ 00 W	<5	.6	1.96	<5	6	194	9	.56	<1	13	5	32	5.86	.15	11	1.00	1308	<1	<.01	2	668	11	<5	<20	51	.15	<10	82	<10	12	82
9059 - 92	L5 + 00S 0+ 25 W	<5	.6	2.55	7	6	88	13	.08	<1	3	12	24	6.78	.09	<10	.19	263	1	<.01	2	885	9	<5	<20	16	.05	<10	100	<10	4	51
9059 - 93	L5 + 00S 0+ 50 W	<5	.7	1.54	20	6	59	16	.08	<1	3	10	17	7.65	.08	<10	.18	210	3	<.01	2	609	17	<5	<20	15	.15	<10	138	<10	5	46
9059 - 94	L5 + 00S 0+ 75 W	<5	.6	1.18	13	6	45	12	.04	<1	4	23	9	6.82	.05	11	.20	239	<1	<.01	3	329	7	<5	<20	12	.17	<10	109	<10	5	38
9059 - 95	L5 + 00S 0+ 25 E	<5	1.9	2.28	<5	4	52	8	.10	<1	1	9	18	2.71	.05	<10	.13	178	1	<.01	<1	764	31	<5	<20	19	.04	<10	62	<10	4	51
9059 - 96	L5 + 00S 0+ 50 E	<5	.9	2.04	<5	5	33	7	.08	<1	<1	11	9	3.50	.04	<10	.14	91	<1	<.01	<1	1074	5	<5	<20	22	.03	11	68	<10	1	51
9059 - 97	L5 + 00S 0+ 75 E	5	.7	2.81	14	6	86	17	.07	<1	4	13	15	10.28	.05	<10	.29	232	1	<.01	2	496	11	<5	<20	16	.14	<10	160	<10	3	47
9059 - 98	L5 + 00S 1+ 00 W	<5	.7	1.96	8	5	311	11	.45	<1	15	14	55	5.82	.14	11	.50	2815	1	<.01	4	1241	22	<5	<20	32	.02	<10	79	<10	5	94
9059 - 99	L5 + 00S 1+ 25 W	<5	1.1	2.36	<5	5	212	12	.53	<1	9	20	71	6.55	.17	<10	1.04	817	2	<.01	7	817	17	<5	<20	66	.03	<10	82	<10	4	101
9059 -100	L5 + 00S 1+ 50 W	<5	.7	1.86	6	4	239	11	.58	<1	10	18	79	5.65	.13	19	.69	1345	1	<.01	5	879	15	<5	<20	68	.01	<10	74	<10	5	96

ECO-TECH LABORATORIES LTD. NAVARRE RES. CORP. - ETK 90-9059

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ET#	DESCRIPT	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9059 -101	L5 + 00S 1+ 75 W	<5	.6	2.19	11	6	363	11	.59	<1	15	13	91	6.38	.14	18	.82	2272	<1	<.01	6	977	28	<5	<20	65	.05	<10	79	<10	12	96
9059 -102	L5 + 00S 1+ 00 E	<5	.8	1.60	8	5	43	10	.06	<1	2	7	9	4.94	.06	<10	.16	201	3	<.01	<1	413	19	<5	<20	18	.19	<10	107	<10	6	31
9059 -103	L5 + 00S 1+ 25 E	<5	.6	1.27	<5	3	34	6	.03	<1	<1	4	2	1.80	.05	<10	.07	106	2	<.01	<1	211	10	<5	<20	9	.17	<10	99	<10	6	17
9059 -104	L5 + 00S 1+ 50 E	<5	.6	1.39	<5	4	32	<5	.05	<1	1	7	10	1.17	.04	<10	.08	68	1	<.01	<1	1065	16	<5	<20	11	.01	10	22	<10	2	24
9059 -105	L5 + 00S 1+ 75 E	<5	.5	1.39	<5	4	24	<5	.08	<1	<1	5	3	1.82	.05	<10	.09	67	1	<.01	<1	270	20	<5	<20	16	.21	<10	108	<10	7	17
9059 -106	L5 + 00S 2+ 00 W	<5	.7	2.38	11	7	225	15	.32	<1	16	17	122	6.98	.15	13	.86	3614	<1	<.01	6	1129	36	<5	<20	26	.06	<10	81	<10	9	97
9059 -107	L5 + 00S 2+ 00 E	<5	.6	2.41	<5	4	21	< 5	.04	<1	<1	5	13	.71	.04	<10	.07	76	1	<.01	<1	630	12	<5	<20	10	.03	10	37	<10	3	19
9059 -108	L6 + 00S 0+ 00 W	<5	.4	1.33	<5	6	129	8	.28	<1	7	3	21	3.41	.13	15	.59	1231	<1	<.01	<1	624	12	<5	<20	24	.07	<10	33	<10	8	63
9059 -109	L6 + 00S 0+ 25 W	<5	.5	1.13	8	6	78	8	.13	<1	5	5	14	3.98	.08	<10	.17	293	1	<.01	2	745	14	<5	<20	20	.07	<10	73	<10	4	50
9059 -110	L6 + 00S 0+ 50 W	<5	.8	2.50	6	8	65	16	.10	<1	12	8	19	7.40	.07	<10	.21	2703	2	<.01	2	1266	15	<5	<20	18	.10	10	101	<10	8	54
9059 -111	L6 + 00S 0+ 75 W	<5	.5	2.28	9	9	198	15	.17	1	22	5	18	6.81	.11	<10	.36	7860	1	<.01	2	1366	11	14	<20	23	.03	<10	91	15	6	60
9059 -112	L6 + 00S 0+ 25 E	<5	.8	3.64	8	7	52	15	.11	1	7	13	29	8.32	.05	<10	.65	594	1	<.01	3	604	13	<5	<20	17	.14	<10	86	<10	9	57
9059 -113	L6 + 00S 0+ 50 E	<5	.4	1.07	6	6	147	6	.16	<1	7	4	11	3.12	.10	11	.27	1191	<1	<.01	1	762	15	<5	<20	22	.03	<10	42	<10	3	45
9059 -114	L6 + 00S 0+ 75 E	<5	1.4	2.90	<5	6	55	10	.09	<1	5	6	32	3.93	.07	<10	.42	369	1	<.01	<1	1038	16	<5	<20	14	.02	<10	39	<10	4	56
9059 -115	L6 + 00S 1+ 00 W	<5	.9	2.52	9	7	89	21	.12	<1	4	7	12	6.51	.09	<10	.17	162	2	<.01	<1	537	22	<5	<20	18	.15	<10	116	<10	8	40
9059 -116	L6 + 00S 1+ 25 W	<5	.5	1.47	<5	6	319	9	.52	<1	6	3	31	3.73	.16	22	.65	1256	<1	<.01	<1	828	15	<5	<20	30	.07	<10	37	<10	12	84
9059 -117	L6 + 00S 1+ 50 W	<5	.4	1.31	<5	7	222	8	.41	<1	7	2	32	3.31	.13	18	.63	1015	<1	<.01	<1	672	23	<5	<20	27	.07	<10	30	<10	10	70
9059 -118	L6 + 00S 1+ 75 W	<5	.5	1.29	<5	6	208	9	.40	<1	7	2	30	3.76	.13	16	.64	969	<1	<.01	<1	639	12	<5	<20	26	.07	<10	37	<10	9	72
9059 -119	L6 + 00S 1+ 00 E	<5	1.0	2.58	<5	6	141	10	.13	<1	4	5	24	4.70	.20	<10	.42	368	1	<.01	1	904	7	<5	<20	20	.02	<10	60	<10	5	50
9059 -120	L6 + 00S 1+ 25 E	<5	.5	1.91	<5	5	95	7	.13	<1	3	7	8	3.11	.11	<10	.28	203	<1	<.01	<1	692	10	<5	<20	26	.04	<10	68	<10	3	40
9059 -121	L6 + 00S 1+ 50 E	<5	1.0	2.94	11	8	53	17	.06	2	20	10	31	9.38	.05	<10	.12	2419	2	<.01	2	1358	13	9	<20	12	.05	<10	72	14	5	47
9059 -122	L6 + 00S 1+ 75 E	<5	.8	2.35	<5	5	62	11	.13	<1	4	5	18	4.58	.10	<10	.36	315	<1	<.01	1	806	12	<5	<20	28	.02	<10	59	<10	5	47
9059 -123	L6 + 00S 2+ 00 W	<5	.5	1.48	<5	6	287	7	.42	<1	9	2	48	3.81	.14	21	.69	1364	<1	<.01	<1	693	15	<5	<20	28	.07	<10	35	<10	13	75
9059 -124	L6 + 00S 2+ 00 E	<5	.7	2.29	<5	6	86	8	.25	<1	8	4	19	4.43	.08	<10	.72	519	<1	<.01	2	761	9	5	<20	30	.07	<10	57	<10	8	62
9059 -125	L7 + 00S 0+ 25 E	<5	.4	1.48	<5	6	265	6	.30	<1	7	2	13	3.44	.14	17	.55	724	<1	<.01	<1	526	12	<5	<20	28	.05	<10	34	<10	6	62
9059 -126	L7 + 00S 0+ 50 E	<5	.5	1.32	<5	6	99	6	.09	<1	1	2	18	2.31	.09	<10	.11	141	<1	<.01	<1	907	8	<5	<20	13	.01	13	30	<10	2	56
9059 -127	L7 + 00S 0+ 75 E	<5	.4	1.40	6	6	309	8	.31	<1	10	3	20	4.11	.16	15	.31	2481	<1	<.01	1	1208	16	<5	<20	27	.03	<10	51	<10	6	65
9059 -128	L7 + 00S 1+ 00 E	<5	.6	1.11	<5	6	153	<5	.30	<1	6	1	12	2.77	.13	13	.47	946	<1	<.01	<1	402	12	<5	<20	30	.05	17	23	<10	5	67
9059 -129	L7 + 00S 1+ 25 E	<5	.3	1.24	<5	6	169	7	.36	<1	7	2	12	3.16	.15	14	.53	1259	<1	<.01	<1	502	12	<5	<20	30	.05	<10	29	<10	6	69
9059 -130	L7 + 00S 1+ 50 E	<5	.3	1.16	<5	6	181	7	.39	<1	6	2	14	3.13	.12	14	.49	810	<1	<.01	<1	562	10	<5	<20	32	.05	<10	29	<10	7	61
9059 -131	L7 + 00S 1+ 75 E	<5	1.4	2.80	216	5	353	25	.21	1	6	2	33	11.24	<.01	<10	.16	582	4	<.01	<1	1266	16	15	<20	25	.01	<10	49	<10	5	39
9059 -132	L7 + 00S 2+ 00 E	<5	.7	1.63	61	5	74	11	.20	<1	4	3	14	5.58	.05	10	.18	306	7	<.01	1	701	14	<5	<20	51	.09	<10	98	<10	9	41

Note: < = less than

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

Appendix D

GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through 80 mesh nylon sieves.

2. Rock, Core: Samples dried (if necessary), crushed, riffled to pulp size and pulverized to approximately -140 mesh.

3. Heavy Mineral Separation:
   Samples are screened to -20 mesh, washed and separated in Tetrabromoethane. (SG 2.96)

METHODS OF ANALYSIS

All methods have either certified or in-house standards carried through entire procedure to ensure validity of results.

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

Digestion	Finish
Hot aqua-regia	Atomic Absorption, background correction applied where appropriate

A) Multi-Element ICP

Digestion	Finish
Hot aqua-regia	ICP

15. Gold

Digestion	Finish
a) Fire Assay Preconcentration followed by Aqua Regia	Atomic Absorption

b) 10g sample is roasted at 600°C then digested with hot Aqua Regia. The gold is extracted by MIBK and determined by A.A.