094373

2002 GEOLOGICAL, GEOCHEMICAL and GEOPHYSICAL

REPORT ON THE B PROPERTY

(B 13-30, 39-62, 75-102: YB81305 - YB81374)
(B 103-116: YC02750 - YC02763)

NTS: 105M/14

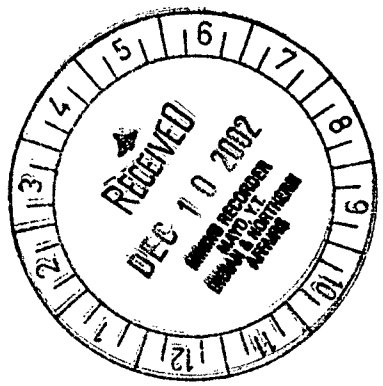
Latitude: 63°59'N Longitude: 135°15'W

Mayo Mining Division

Work performed between May 31 and June 12, 2002

Owner/Operator: Richard E. Fischer
2616 - 126 Ave SW
Calgary, Alberta
T2W 3V6

Jean Pautler
November, 2002



This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 1000.

M. Burn

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

SUMMARY:

The 1300 ha B property, NTS map sheet 105M/14, is located 7 km north-northeast of Keno City, approximately 360 km north of Whitehorse, Yukon Territory. The property is situated in the Mayo Mining Division with a latitude and longitude of 63°59'N, 135°15'W. Road access exists to the property, although all-terrain vehicle use is recommended past Wernecke. Richard E. Fischer of Calgary Alberta is the primary owner and funded the 2002 program on the B property.

The B property lies just north of Keno Hill which produced 4,872,423 tonnes averaging 1,389 g/t Ag, 5.6% Pb and 3.1% Zn, from 1921 to 1988. Gold and silver bearing quartz veins occur peripheral to the silver-lead-zinc deposits at Keno Hill. The Moon mineral occurrence is located near the centre of the B property but the main showing occurs on adjacent ground.

Work in 2002 consisted of a continuation of the property scale geological mapping, with concurrent geochemical sampling and prospecting, initiated in 2001, grid preparation and a VLF-EM geophysical survey.

The B property is primarily underlain by phyllitic metasedimentary rocks of the Devono-Mississippian Earn Group possibly cut by narrow sills and dykes of Earn Group felsic metavolcanic schist and intruded by Triassic greenstone and Cretaceous porphyritic aplite dykes and sills. Two northeasterly trending faults, which are the orientation of the structures hosting Keno Hill type silver-lead-zinc mineralization, were mapped on the property.

The eastern-most fault (Moon Fault) is exposed at the Moon Adit where it occurs as a longitudinal fissure vein mineralized with galena, sphalerite and pyrite. Maximum values from the adit are 8.0% Pb, 7.9% Zn, 586 g/t Ag and 5.2 g/t Au. Anomalous stream sediment geochemistry in Faro Gulch suggests that the mineralization continues on to the B property and extends for at least another 400m. Significant northeast trending conductors were outlined by the VLF-EM survey, on trend with the Moon Adit, suggesting continuity for over 2.5 km with significant intersections identified.

The western-most fault (Sadie-Ladue) may represent the strike extension of the Sadie-Ladue structure, one of the top productive veins on Keno Hill. Elevated base metal, arsenic and minor precious metal values up to 6,942 ppm Zn, 418 ppm Pb, 2,675 ppm As, 6.0 ppm Ag and 245 ppb Au, occur in rock samples proximal to this fault.

The northeast strike projections of the Sadie-Ladue, Lake, Stone and Nabob#2 veins cross the B property with evidence of anomalous base and precious metal values, in rock, found proximal to the projected extents of the Sadie-Ladue and Lake structures. The VLF-EM survey supports the extension of the Lake structure on to the property. In addition, the Moon fissure vein is centrally located on the claims and appears to extend on to the property, based on anomalous rock geochemistry, stream geochemistry and VLF-EM conductors.

A program of detailed mapping, prospecting and sampling, with reconnaissance VLF-EM surveying is recommended in the vicinity of the bend in Gambler Gulch where the possible strike extension of the Sadie-Ladue structure transects exposures of aplite. Additional similar work is also warranted to trace the Stone and Nabob #2 structures on to the B property. The latter vein projects into an area underlain by greenstone, a favourable host. The extension of the more readily accessible Moon fissure vein and Lake structures could be tested by overburden drilling, particularly if a drill is still available in Elsa.

LIST OF FIGURES

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1.0 LOCATION AND ACCESS (Figure 1)

The B property, NTS map sheet 105M/14, is located 7 km north-northeast of Keno City, approximately 360 km north of Whitehorse, Yukon Territory, in the Mayo Mining Division. It is situated on the northwestern slope of Keno Hill, approximately 1-2 km south of Gambler Lake. Latitude and longitude of the property are 63°59'N, 135°15'W.

Access is via the Gambler Gulch road/trail, which passes through Wernecke and crosses Gambler Gulch and Faro Gulch. The trail heads south at Faro Gulch and transects the B property. The trail is road accessible to just beyond the old mining camp at Wernecke (approximately 6 km from Keno City). All-terrain vehicle (ATV) use for the remaining 5 km to the property centre is recommended beyond this point.

2.0 LEGAL DESCRIPTION (Figure 2)

The B Claim Group consists of 84 contiguous claims covering an area of approximately 1700 hectares. The B property is primarily owned by Richard Fischer of Calgary, Alberta but Tom Scott of Calgary, Alberta is the registered owner of the B 75 and B 76 claims. The current program was funded by Richard E. Fischer. Work on the B 103-116 claims was completed prior to June 6, 2002. A table showing pertinent claim data follows:

Claim Name	Record No.	Units	Expiry Date
B 13,16-19,24,26	YB81305, 308-11, 316, 318	7	Aug. 22, 2003
B 14-15,20-23,25,27-30	YB81306-7, 312-15,17, 319-22	11	Aug. 22, 2004*
B 39 - 46, 48	YB81323-330, 332	9	Aug. 22, 2003
B 47, 49, 51-56,	YB81331, 33, 335-340	8	Aug. 22, 2006*
B 50, 57-62	YB81334, 341-346	7	Aug. 22, 2004*
B 75 - 86	YB81347 – 81358	12	Aug. 22, 2004*
B 87 - 90, 92, 94	YB81359-81362, 364, 366	6	Aug. 22, 2006*
B 91	YB81363	1	Aug. 22, 2005*
B 93, 95-99	YB81365, 367-371	6	Aug. 22, 2004*
B 100 - 102	YB813372-374	3	Aug. 22, 2003
B 103 - 116	YC02750 - 02763	14	June 6, 2007*

* Note: New expiry date based on acceptance of this report.

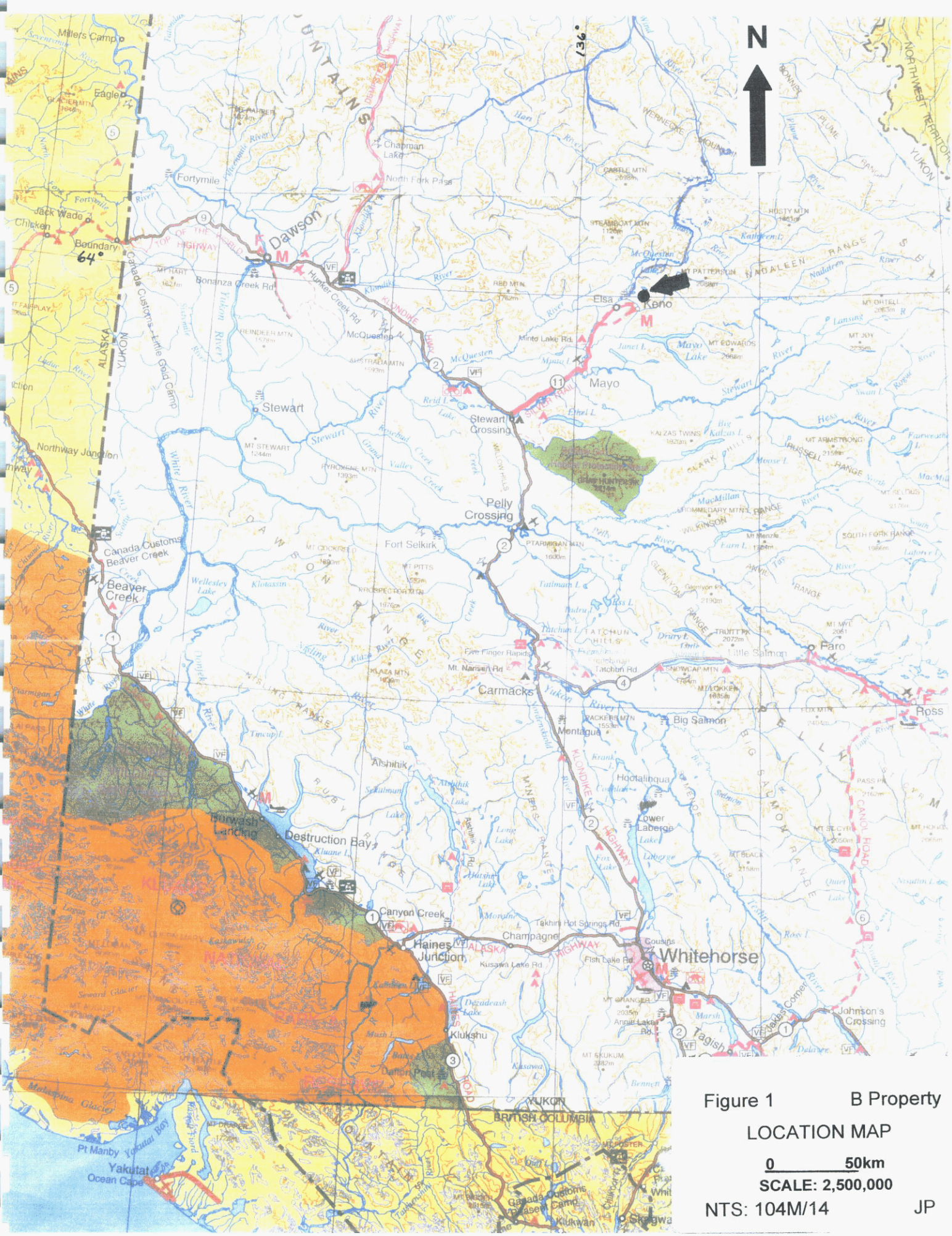


Figure 1 B Property

LOCATION MAP

0 50km

SCALE: 2,500,000

NTS: 104M/14 JP

Figure 2

0 0.5 1.0 km

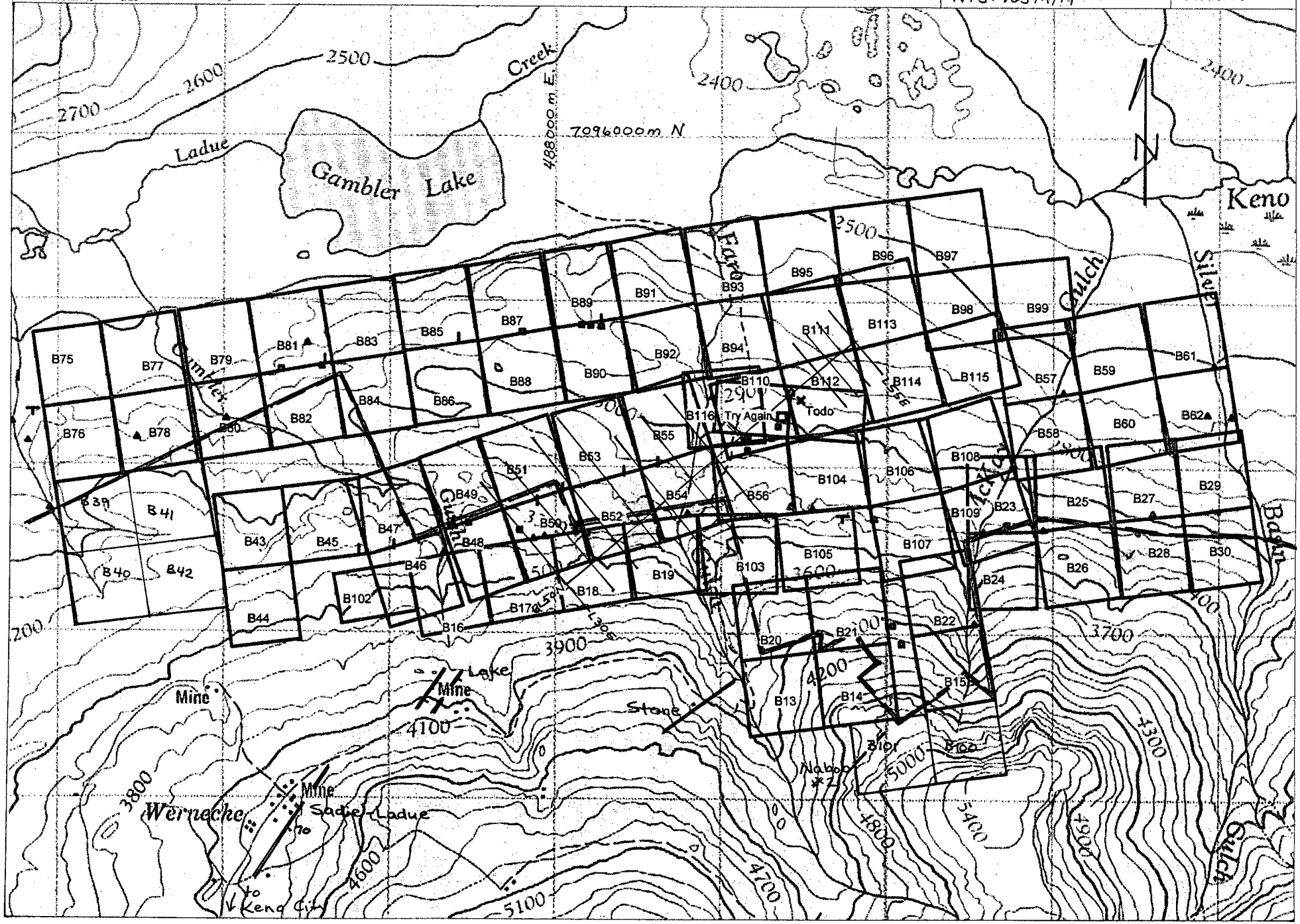
Scale 1:30000

G.M. 3

CLAIM MAP and GRID LOCATION

NTS: 105M/14

01/06/10



3.0 PHYSIOGRAPHY

The B property is situated within the Stewart Plateau, characterized by individual and isolated small ranges separated by broad deep valleys. The lower slopes have been glaciated with westerly trending ice flow directions. The claims cover the northwestern tree covered slope of Keno Hill. Muskeg and sparse black spruce cover the lower half of the claim group. Exposure is extremely poor but does exist along some of the creeks, as cliff exposures above Gambler Lake and at the higher elevations on Keno Hill, such as on the B 14 and B 15 claims. Elevations on the property range from 2350' (716m) to 4720' (1439m). Vegetation includes spruce, alder, willow and muskeg.

4.0 HISTORY (Figure 3)

The B property lies approximately 1 km north of the old mine workings at Wernecke, an active mining camp from 1921 to 1933, with production principally from the Sadie-Ladue (24-25) and Lucky Queen veins. Production figures from 1921 to 1941, which include some production from the Galena Hill area, are 588,503.4 tonnes of 2,605 g/t Ag and 7.5% Pb. Recent work in the Wernecke area includes high-grading of the Sadie-Ladue, Shamrock and Lucky Queen veins in the 1980's to 1990. Production figures include 999.5 tonnes of 8,588.6 g/t Ag, 221 tonnes of 7,153.8 g/t Ag and 100 tonnes (including average grades of over 13,713 g/t Ag from the Lucky Queen) in addition to lead. The B property also adjoins lots on the northern slope of Keno Hill with significant silver-lead-zinc veins such as the Nabob #2 (51), Lake (35) and Stone occurrences (41). (Refer to Figure 3.)

The Moon mineral occurrence (105M 046) is located near the centre of the B property. The main showing, which consists of an adit, occurs on the adjoining Try Again and ToDo claims, owned by Walter Malicky of Whitehorse, Yukon. Trenching extends on to the B property. The Moon showing was first staked in 1921 and later explored by a 30m long adit. Several periods of hand and excavator trenching were undertaken from the 1960's to 1990's (Minfile, 2002). A longitudinal fissure vein and a possible transverse vein are exposed at the mouth of the adit.

Several old pits and trenches, including excavator trenches have been located on the B property but no documentation of this work has been uncovered to date. There also

appears to have been 3 holes drilled on the Moon Showing. In 2001, a program of geological mapping, with concurrent geochemical sampling and prospecting was initiated on the B property.

5.0 2002 WORK

A total of 25 man-days were spent on the B claims between May 31 and June 12, 2002. Work consisted of the continuation of property scale (1:25,000) geological mapping, initiated in 2001, with concurrent geochemical sampling and prospecting. Control was provided by 1:50,000 based topographic maps, hipchain, compass and GPS.

A VLF geophysical survey, including grid preparation, was conducted along trend of the Moon Showing in an attempt to trace the fissure veins, from the Moon Adit and the Lake leases, on to the B property.

The grid consisted of a 230° trending, 2.5 km long baseline with eight 1.0 km lines spaced 200m apart, southwest of the Moon Adit (Sun Grid) and four 500m long lines spaced 100m apart, northeast of the Moon Adit (Moon Grid), for a total of 12.5 line km of grid. The location of the grids are shown on Figure 2.

6.0 GEOLOGY

6.1 Regional (Figure 3)

The regional geology of the B property is represented on the Keno Hill (105 M/14) Map Sheet, Murphy and Roots, 1992. The area is underlain by highly deformed rocks of the Devono-Mississippian Earn Group (a metavolcano-sedimentary package), the Keno Hill Quartzite and Triassic diorite to greenstone, which occur within the easterly trending, southerly dipping Tombstone Thrust Sheet. The deformation, characterized by intense foliations and lineations, appears to be related to displacement along the Tombstone Thrust. The foliations and lineations were later deformed by north to northwest trending open folds. All of the above lithological units are intruded by Cretaceous aged aplite and

B PROPERTY

N

Figure 3 B Property

REGIONAL GEOLOGY

0 0.5 1.0 km

SCALE

NTS: 104M/14 Boyle, 1965

LEGEND

MESOZOIC

CRETACEOUS (?)

9 — *Quartz-feldspar porphyry, rhyolite*

8 — *Biotite lamprophyre*

7 — *Diorite, gabbro (greenstone)*

PRECAMBRIAN OR PALAEOZOIC

YUKON GROUP

UPPER SCHIST FORMATION (5,6)

6 — *Graphitic schist, graphitic phyllite, thin-bedded quartzite, argillite, quartz-mica schist, limestone*

5 — *Quartz-sericite schist*

CENTRAL QUARTZITE FORMATION (3,4)

3 4

3. *White to pale grey, thick-bedded cherty quartzite*
4. *Thick-bedded quartzite, thin-bedded quartzite, graphitic phyllite, graphitic schist, argillite*

LOWER SCHIST FORMATION (1,2)

2 — *Quartz-sericite schist*

1a 1b

1a. *Graphitic schist, graphitic phyllite, thin-bedded quartzite, argillite, calcareous schist, slate (includes some quartz-sericite schist (2) on Galena Hill)*
1b. *Thick-bedded quartzite, thin-bedded quartzite, phyllite, graphitic schist*

Area of rock outcrop and local float (small, large) . . . . . ×
Bedding, tops unknown (inclined, dip known) . . . . .
Lineament from air photographs (in some places may represent trace of a vein fault or post-ore fault) . . . . .
Post-ore fault . . . . .
Vein fault . . . . .
Prospect or open cut . . . . .
Shaft . . . . .
Adit (accessible, caved) . . . . .
Mining property or prospect (referred to in text) . . . . . (5)

Road, all weather . . . . .
Other roads . . . . .
Trail . . . . .
Power line . . . . .
Building . . . . .
Triangulation station . . . . .
Marsh . . . . .
Contours (interval 200 feet) 3000

Geology compiled by R. W. Boyle from field work in 1953, 1954 and 1955; Geological Survey of Canada Summary Report Part A, Map 1860; Geological Survey of Canada, Preliminary Map 50-20 A; various private reports and maps

To accompany G.S.C. Bulletin 111, by R.W. Boyle

Geological cartography by the Geological Survey of Canada, 1964
Base map cartography by the Geological Survey of Canada, from maps prepared by the Surveys and Mapping Branch, 1956, with minor revisions by the Geological Survey of Canada

Approximate magnetic declination 33° 46' E, decreasing by 4.3' annually

INDEX TO MINING PROPERTIES AND PROSPECTS

1. Silver King
2. Elsa
3. Dixie
4. Coral and Wigwam
5. Arctic and Mastiff
6. Ruby
7. No Cash
8. Betty
9. Cream
10. Hector
11. Calumet
12. Dragon (U. N.)
13. Formo
14a. Galkeno (McLeod vein)
14b. Galkeno (Sime and Sugiyama veins)
15. Eagle
16. Fisher Creek
17. Bluebird
18. Tin Can
19. Rico
20. Duncan Creek
21. Moth
22. Onek
23. Klondyke-Keno
24. Sadie-Friendship
25. Ladue
26. Bellekeno
27. Mount Keno (Hogan vein)
28. Ankeno
29. Mount Keno (Runer vein)
30. Dorothy
31. Kijo
32. Croesus No. 1
33. Black Cap and Shepherd
34. Lucky Queen
35. Lake
36. Vanguard
37. Apex
38. Shamrock
39. Highlander
40. Cub and Bunny
41. Stone
42. Homestake
43. No. 6
44. Porcupine-Kinmar
45. Comstock
46. No. 9
47. No. 1
48. Gambler
49. Main Fault and Na
50. Lake View
51. Nabob No. 2
52. Helen Fraction
53. Gold Hill No. 2
54. Ladue Fraction
55. Fox
56. Silver Basin
57. Gold Queen
58. Duncan
59. Alice
60. Caribou
61. Divide
62. Devon
63. Faith

granite dykes and sills. North to northeast and northwest trending faults are evident through the area, with Keno Hill type mineralization associated with the former faults. The mineralized vein faults have been K/Ar dated at 90 Ma.

Keno Hill is known for silver veins. More than 65 deposits and occurrences have been identified with all of the mineable silver veins occurring in a 26 km by 1 to 6.4 km wide area. Production from 1921 to 1988 totalled 4,872,423 tonnes averaging 1,389 g/t Ag, 5.6% Pb and 3.1% Zn. Mineralization primarily consists of galena, sphalerite and freibergite in a gangue of siderite ±quartz and is commonly associated with northeast trending, southeast dipping fault fissures. Most of the deposits occur within the Keno Hill Quartzite. Gold and silver bearing quartz veins occur peripheral to the silver-lead-zinc deposits at Keno Hill.

6.2 Property (Figures 4 - 6)

The B property is primarily underlain by phyllitic metasedimentary rocks of the Devono-Mississippian Earn Group intruded by Triassic greenstone and Cretaceous porphyritic aplite dykes and sills. Two northeasterly trending faults, which are the orientation of the structures hosting Keno Hill type silver-lead-zinc mineralization, were mapped on the property.

The phyllitic metasedimentary rocks comprise the oldest unit on the property (Unit 1) and consist of carbonaceous or graphitic (gf) phyllite that can be calcareous (calc). They generally consist of metamorphosed shales, mudstones and marls. Some of the phyllitic rocks exhibit a variation in grain size and composition so have been subdivided into rocks that were originally siltstones (ss), arenites (ar) and greywackes (gw). Grey to black limestone (lst), commonly grading to graphitic calcareous phyllite and thought to be related to Unit 1, is exposed on B 49, B 87 and to the west of the property at Trench 5 (See Figure 5). Unit 1 represents the Lower Schist Unit at Keno Hill, which has been known to host Keno Hill type silver veins.

Numerous foliation-parallel boudins of Triassic greenstone (Unit 4) to meta-diorite (Unit 4d) and meta-gabbro (Unit 4g) thought to represent deformed sills and/or dykes are contained within the phyllitic metasedimentary unit. Unit 4, a favourable host for mineralized fissure veins in the Keno Hill Camp, predominates in the northwestern and southeastern property

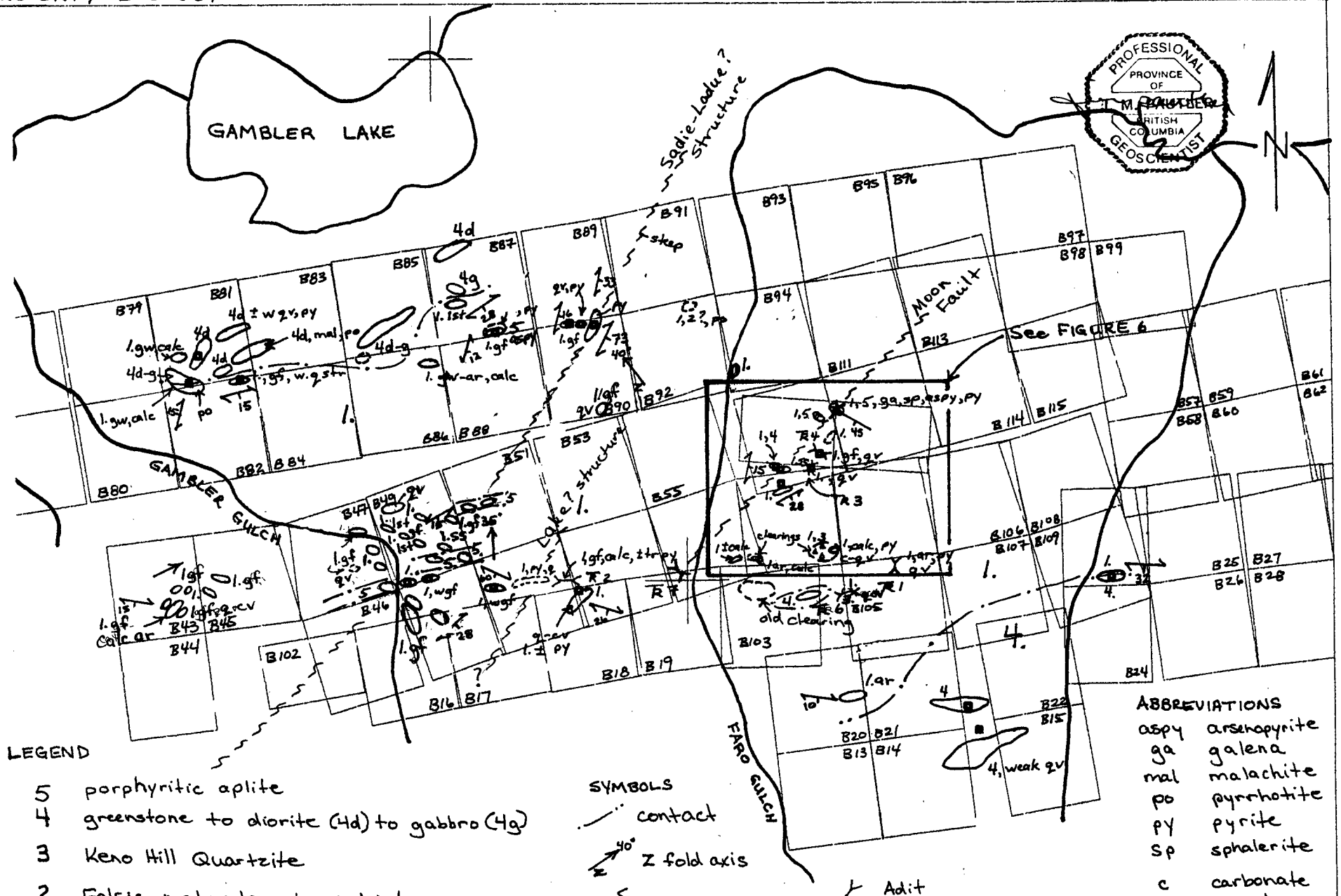
FIGURE 4

PROPERTY GEOLOGY

Scale 1:25000

0 0.2 0.5 km

NTS: 105M/14



LEGEND

5 porphyritic aplite

4 greenstone to diorite (4d) to gabbro (4g)

3 Keno Hill Quartzite

2 Felsic metavolcanic schist

1 Phyllite (ss) siltstone, (ar) arenite (gf) graphitic, (gw) greywacke, (calc) calcareous (lst) limestone

SYMBOLS

contact

Z fold axis

fault

minor fold axis

Adit

Trench

ABBREVIATIONS

aspy	arsenopyrite
ga	galena
mal	malachite
po	pyrrhotite
py	pyrite
sp	sphalerite
c	carbonate
q	quartz
v	vein
w	weak
tr	trace

areas and as more isolated exposures in the central property area, covered by the Sun Grid.

Quartzite (Unit 3), a more favourable host for mineralized fissure veins, was noted in the vicinity of Trench 6 on B 105 with float identified on B 56.

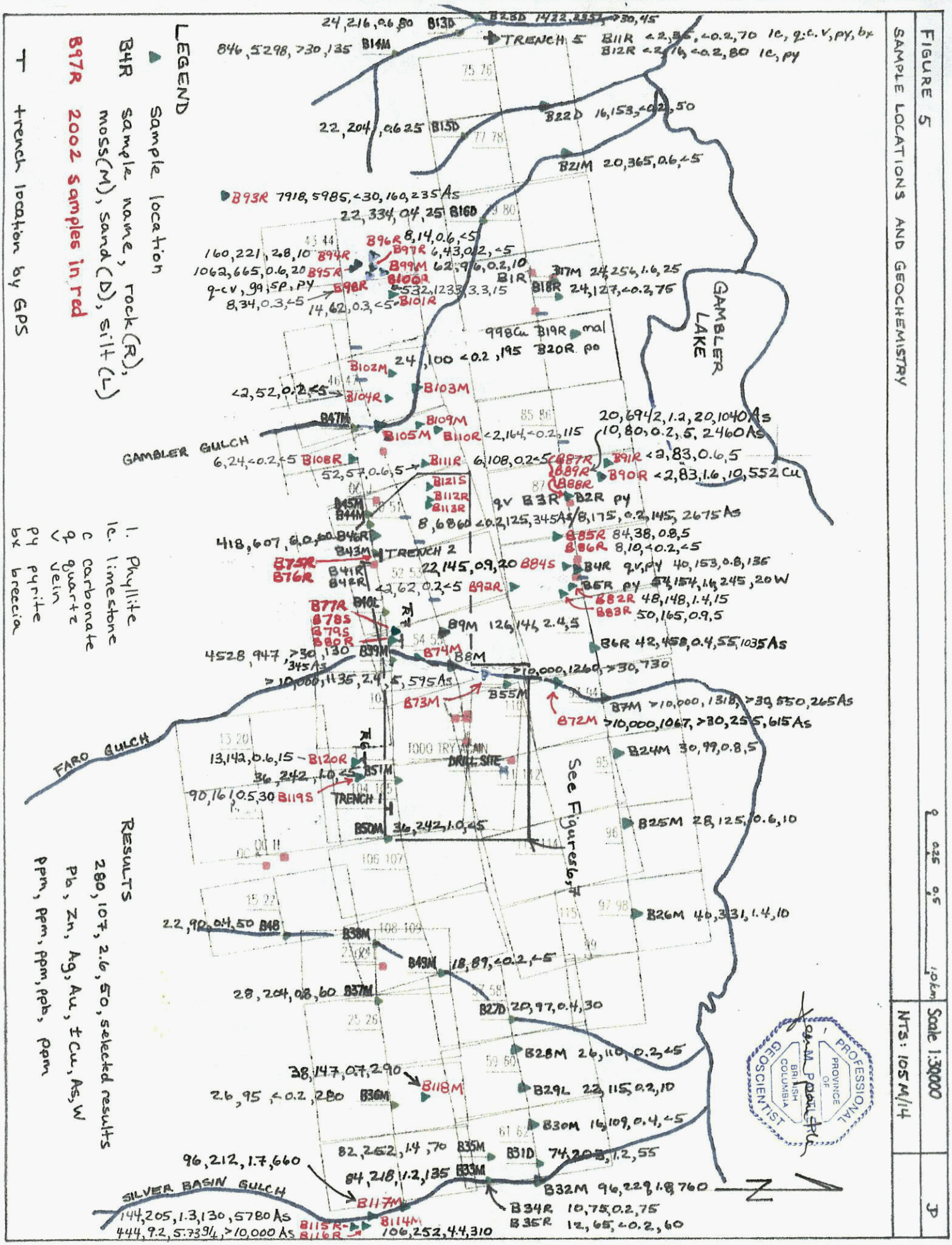
Cretaceous porphyritic aplite dykes and sills cut Unit 1 in several locations across the property. A porphyritic aplite sill (Unit 5) intrudes Unit 1 at the Moon Adit and a similar dyke occurs just to the southwest. A similar sill to that at the Moon Adit is exposed on the B 87 claim. A large sill has been traced across Gambler Gulch on the B 47 and 49 claims. This sill may be offset to the north, where it appears on the B 51 claim on the Sun Grid. Another sill is exposed just south of the southeastern corner of the B property.

Two northeasterly trending faults, which are the orientation of the structures hosting Keno Hill type mineralization, were mapped on the property. One of the faults was mapped on the B 90 claim and another mapped at the adit. Minor north to northwesterly trending drag folds were also mapped on B 90 and B 50, with the former fold showing vergence to the northeast. The lithological units on the B property appear to form the southern limb of an anticline.

6.3 Mineralization (Figures 4-6)

Most of the mineralization on the B property and surrounding area is associated with the Cretaceous aplite sills.

At the Moon Adit (Figure 7) a Keno Hill type longitudinal fissure vein, trending 045°/85°W is exposed at the contact between the phyllite and a porphyritic aplite sill. The vein is mineralized with galena, sphalerite, pyrite and pyrrhotite and may represent a continuation of the fissure veins on the Lake leases (Jersey Silver Mine?) 2.3km to the southwest (Figure 2). Transverse structures (030°/80°W) are also evident within the aplite and are mineralized with quartz, arsenopyrite, galena and sphalerite, and galena, arsenopyrite and pyrite. A sample containing pyrrhotite, arsenopyrite, pyrite, galena and sphalerite was collected from the mouth of the adit. An aplite dyke occurs 100m along strike to the southwest.


LEGEND
Sample location
B4R sample name, rock(R), moss(M), sand(D), silt(L)
B97R 2002 samples in red
trench location by GPS
1. Phyllite
lc. limestone
c carbonate
q quartz
v vein
py pyrite
bx breccia
RESULTS
280,107,2.6,50, selected results
Pb, Zn, Ag, Au, ±Cu, As, W
ppm, ppm, ppm, ppb, ppm
TRENCH 5
TRENCH 2
TRENCH 1
DRILL SITE
GAMBLER GULCH
GAMBLER LAKE
FARO GULCH
SILVER BASIN GULCH
See Figures 6, 7
PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
0 0.25 0.5 1.0km
Scale 1:30000
NTS: 105 M/14
JP
FIGURE 5
SAMPLE LOCATIONS AND GEOCHEMISTRY

old posts

18, 114,0.3,20 B121S

12, 302,0.4,<5 B113R 5. rusty qv

12,88,0.2,<5,445 As B112R 5. aspy, py

1. gf, py
B107R 32,210,0.6,15, 210As
B106R 112,146,1.0,<5

old hand pits

old cat trail

B51 B53 B50 B52

418,607,6.0,60 B46R

10,110,3.6,25 B75R

8,153,0.9,<5 B76R

TRENCH 2

1. ±py q-cv

B53 B52 B55 B54

L30E L32E L34E L36E L38E L40E L42E L44E

58N 57N 56N 55N 54N 53N 52N 51N 50N 49N 48N 47N

N

B73M >10,000,1196,>30, 490, 740As

B8M >10,000, 1135, 2.4, 5, 595 As

5ON 5ON 5ON BASELINE 5ON 230°

4980N 4975N

MOON ADIT

40 1. 1.ss 15

104, 239, 1.7, 10, 125As BLARD

B70R 24,76,0.9,15 q-cv

OLD CAMP

TRENCH 4 B57R

TRENCH 3 B71R 14,121,1.1,5 q-cv

1.30

10,95,0.4,10 B77R q-cv

32,153,0.9,15 B78S

20,114,0.5,10 B79S

8,28,0.2,<5 B80R q-cv

TRENCH 7

FARO GULCH

B74M >10,000, 1017, >30, 295, 500As

4528,947,>30,130,345As B39M

0 0 1. 0 49N old cp

CP #2 B19

1. calc 1. 1. ar, calc

old drill site? ROAD

claim line

cat trail

0 4d 4.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA GEOSCIENTIST

LEGEND

■ claim posts (cp)

Refer to Figures 4,5

Figure 6 B PROPERTY

SUN GRID – GEOLOGY and GEOCHEMISTRY

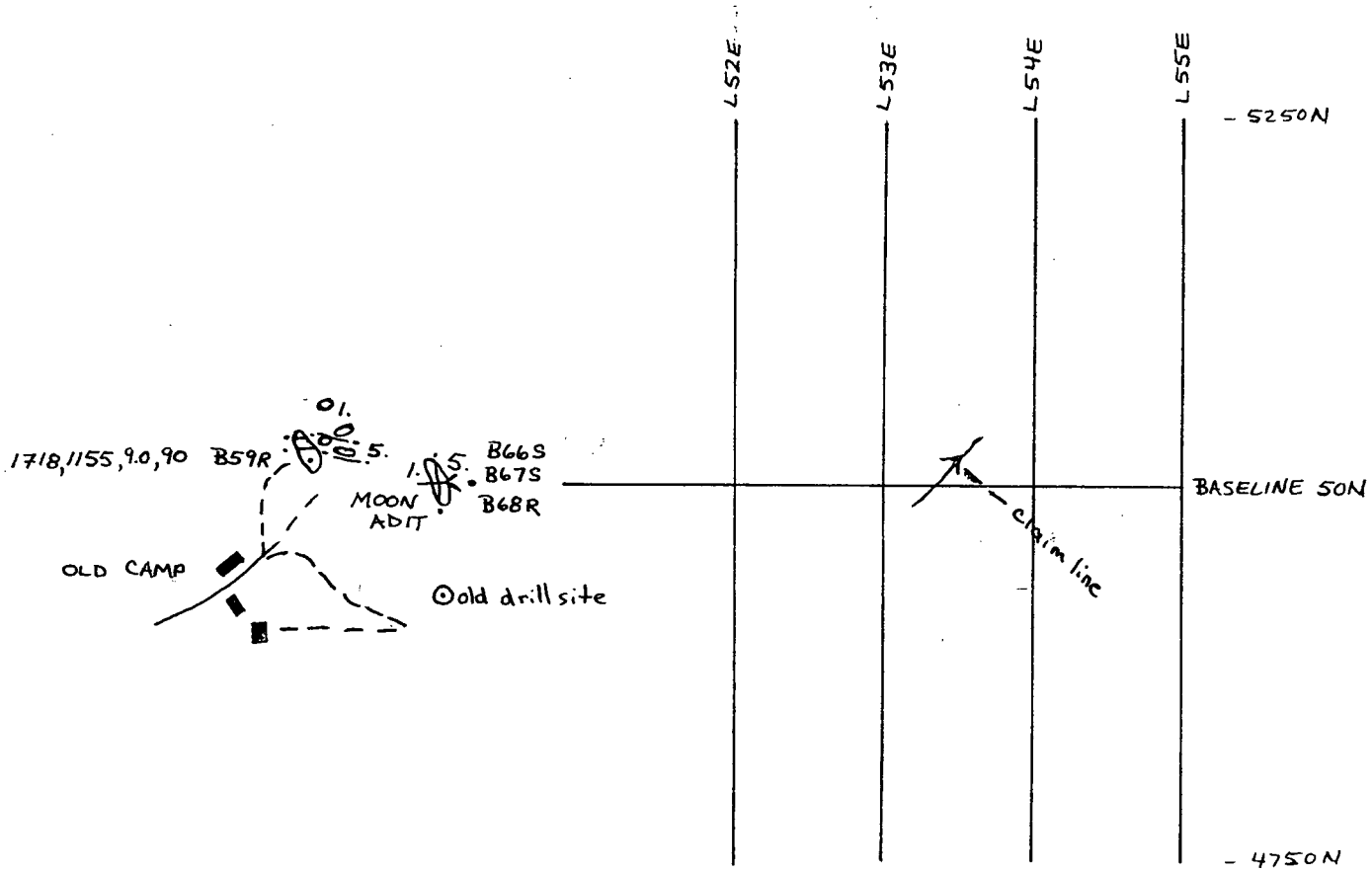
SCALE: 1:5,000 100 200 m

NTS 105M/14 JP

RESULTS

Sample	Pb, ppm	Zn, ppm	Ag, ppm	Au, ppb	As, ppm
B66S	3750	795	44.9	1.99 g/t	2065
B67S	4652	807	60.8	350	2080
B68R	2.14%	2.57%	187.0	2.20 g/t	710,000

LEGEND Refer to Figures 4,5



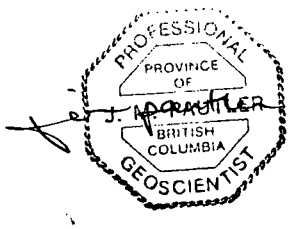


Figure 7 B PROPERTY

MOON GRID – GEOLOGY and GEOCHEMISTRY

SCALE: 1:5,000 100 200 m

NTS 105M/14 JP

Another aplite sill, exposed on the Sun Grid, 400m northwest of Trench 2 and 1.8 km westerly from the Moon Adit, was previously explored by two old pits and is mineralized with pyrite and arsenopyrite (B112R) and cut by a rusty quartz vein (B113R). The exposure lies 1.8 km along trend to the northeast of the Sadie-Ladue fissure vein. There is very limited exposure in the area, but pyritic, graphitic phyllite was sampled, 400m to the southwest (B106-7R).

Follow-up of anomalous gold and zinc results from quartz bearing phyllite and aplite on the B 87 claim, uncovered arsenopyrite-bearing quartz, feldspar porphyritic aplite (B88R) and arsenopyrite-bearing quartz veins (B89R) in addition to quartz veins hosted by the phyllite (B87R).

The final occurrence of mineralized aplite lies just southeast of the property, on the eastern bank of Silver Basin Gulch. The exposure consists of arsenopyrite and pyrite-bearing aplite (B115R) and arsenopyrite-bearing quartz veins with pyrite, sphalerite and galena (B116R).

A series of three old hand trenches were discovered on the Sun Grid approximately 1 km along trend to the southwest of the Moon Adit. A graphitic phyllite outcrop with quartz veins (B77R) was exposed in the vicinity and one of the trenches (Trench 7) uncovered a pyritic quartz vein (B80R).

Additional samples were collected from quartz and quartz-carbonate veins, hosted by the phyllite (B69-71R), 350m southwest and along trend of the Moon Adit in the vicinity of a series of small trenches. The trenching was probably undertaken to trace the mineralized northeast trending structure exposed at the adit. However, the trace of the structure is thought to lie further to the west.

In the Trench 2 area, additional samples of pyritic phyllite (B75R) and quartz-carbonate veins (B76R) were collected to follow-up anomalous values obtained from pyritic, folded quartz veins, exposed just to the west (B46R). Trench 2 occurs proximal to the postulated intersection between the Lake and Moon fissure vein faults, a favourable environment for ore shoots in the Keno Hill Mining Camp.

An additional sample was also collected from quartz-carbonate veins, hosted by the phyllite (B120R) from Trench 6, near Trench 1 on B 105. This is the only area on the property that

quartzite was encountered in bedrock. Trench 1 lies just west of the projection of the fault that hosts the vein on the Stone leases to the southwest.

A grab sample of galena, sphalerite and siderite was collected from the dump at an adit approximately 1 km northwest of the Sadie-Ladue (B93R). The sample may be from underground on the Sadie-Ladue Vein. An attempt was made to trace the Sadie-Ladue structure on to the B claims, west of Gambler Gulch. Samples were collected of quartz veins (B96-98, 100-101, 104R) quartz-carbonate veins (B94R) and quartz-carbonate veins with pyrite, sphalerite and galena (B95R). Northeast of Gambler Gulch, additional phyllite hosted quartz veins (B82-3R) and rusty phyllite (B83R) were sampled proximal to a northeast trending structure, outlined in 2001, which may represent the extension of the Sadie-Ladue structure.

Only minor mineralization and alteration has been noted within the greenstone-diorite unit. Malachite and pyrrhotite (B19-20R) were previously observed on the B 83 claim and the greenstone is pyritic (B90R) and carbonate altered on the B 87 claim (B91R).

7.0 GEOCHEMISTRY (Figures 4-7)

7.1 Procedure

A total of 38 rock, 7 soil and 11 stream sediment samples were collected from the property in 2002. The samples were sent to Eco Tech Lab, Kamloops, B.C. and analyzed for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V, Y and Zn using a 28 element ICP package which involves a nitric-aqua regia digestion. Gold was analyzed by fire assay with an atomic absorption finish. Due to high values, two samples were assayed for gold by fire assay and one each of silver, lead and zinc assays were completed by acid digestion. Lab procedures and results are outlined in Appendix II. Sample locations with lead, zinc, silver, gold and selected anomalous results are plotted on Figure 5 and on Figures 6 and 7, if collected from the Sun and Moon Grid areas.

The rock samples across the property (denoted with an "R") primarily consisted of grab samples of vein, stringer, sulfide mineralization and altered zones, exposed as float, subcrop and outcrop.

The soil samples (denoted with an "S"), generally not useful in this environment due to thick overburden and permafrost, were collected from areas of old workings, generally with poor exposure, in order to evaluate the significance of the workings.

The stream sediment samples consisted of follow-up and in-fill moss mat samples draining the property area. The samples (ending with an "M") were collected from the leeward side of boulders within the creek, where possible, and placed in waterproof Kraft bags.

7.2 Results and Interpretation

7.2.1 Rocks: (Figures 4 - 7)

Mineralization exposed at the mouth of the Moon Adit returned 2.14% Pb, 2.57% Zn, 187.0 g/t Ag and 2.20 g/t Au with >10,000 ppm As (B68R). Previous results from the adit include 3.65% Pb, 2.17% Zn, 292.0 g/t Ag and 1.19 g/t Au with 600 ppm As over 0.4m from the longitudinal fissure vein, 3,332 ppm Pb, 636 ppm Zn, 44.0 g/t Ag and 150 ppb Au with 1,430 ppm As from the hangingwall and values up to 7.99% Pb, 7.89% Zn, 586.0 g/t Ag and 5.18 g/t Au with >10,000 ppm As from the mineralized aplite. A previous sample returned 1,718 ppm Pb, 1,155 ppm Zn, 9.0 g/t Ag and 90 ppb Au, associated with the aplite, 100m along strike to the southwest of the adit.

Arsenopyrite-bearing quartz veins, 5 to 7 cm wide, hosted by porphyritic aplite on the B 87 claim returned 6,942 ppm Zn and 1040 ppm As (B89R). Arsenopyrite-bearing porphyritic aplite carried anomalous arsenic of 2460 ppm (B88R). A previous sample of quartz bearing phyllite from the area returned significant zinc (6,860 ppm Zn) with 125 ppb Au and 345 ppm As (B3R). An additional sample of quartz bearing phyllite from the area was not anomalous (B87R). This mineralized zone lies within 500m of a northeast trending fault, which may represent the strike extent of the fault that hosts the productive Sadie-Ladue Vein.

The mineralized aplite southeast of the property returned 130 ppb Au with 5,780 ppm As (B115R). More significant results were obtained from the arsenopyrite-bearing quartz veins with pyrite, sphalerite and galena (B116R), which contain 5.73 g/t Au, 9.2 g/t Ag over 0.6m, associated with >10,000 ppm As and low anomalous base metal values of 444 ppm Pb and 371 ppm Zn.

No significant mineralization was encountered in the Trench 6 and 7 areas and from additional sampling from Trench 2, despite the presence of previously obtained elevated base metal and silver values of 418 ppm Pb, 607 ppm Zn and 6.0 ppm Ag from pyritic phyllite with minor quartz in the hanging wall of a northeast trending fault (B46R) in the vicinity of Trench 2.

The galena, sphalerite and siderite sample from the dump at an adit approximately 1 km northwest of the Sadie-Ladue returned 7,918 ppm Pb, 5,985 ppm Zn, >30 g/t Ag and 130 ppb Au with 235 ppm As (B93R). A sample of 5 cm wide quartz-carbonate veins with pyrite, sphalerite and galena in graphitic, calcareous phyllite returned anomalous base metal values of 1,062 ppm Pb, 665 ppm Zn (B95R). Rusty quartz vein float in the creek below contained 532 ppm Pb and 1,233 ppm Zn (B100R). No additional anomalous results were obtained northeast of Gambler Gulch proximal to the possible extension of the Sadie-Ladue structure. A weakly anomalous value of 245 Au with 20 ppm W was obtained from pyritic phyllites from this area in 2001 (B5R).

No significant mineralization has been located within the greenstone-diorite unit.

7.2.2 Soil: (Figures 5 to 7)

Two soil samples were collected from concentrate at the Moon Adit, to evaluate the grade of mineralization obtained from the now caved adit. A sample collected from a 45 gallon drum returned 1.9 g/t Au, 45 g/t Ag with 0.4% Pb and 0.08% Zn (B66S). Concentrate, from the box of an old pickup at the adit, returned 0.4 g/t Au, 61 g/t Ag with 0.5% Pb and 0.08% Zn (B67S).

The remainder of the soil samples were conventional soils, generally collected from the vicinity of old workings. The best results were obtained from a sample collected from the vicinity of Trench 6, which returned an anomalous 90 ppm Pb and 30 ppb Au (B119S) with

elevated Zn (161 ppm). Low anomalous silver (0.9 g/t), lead (32 ppm) and zinc (153 ppm) were obtained from the Trench 7 area (B78S). Low anomalous silver (0.9 g/t) and gold (20ppb) are associated with a northwest trending fault (Sadie-Ladue structure?) on B 90 (B84S).

7.2.3 Stream sediment: (Figures 5 and 6)

In 2001, stream sediment samples were collected near the upstream boundary of the B property in an attempt to screen out anomalies related to known mineral deposits, including past producers, and occurrences that exist upstream of the B property. In addition, the majority of the samples collected in 2001 and all of the samples collected in 2002 were moss mat samples, which are generally representative of a drainage basin within 500m upstream of the sample.

The best stream sediment results were obtained from Faro Gulch. Both the 2001 and 2002 in-fill samples are listed below in descending order, going downstream.

Sample No.	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Distance (m)
B39M	130	>30	4,528	947	345	0
B74M	295	>30	>10,000	1,017	500	250
B8M	5	2.4	>10,000	1,135	595	500
B73M	490	>30	>10,000	1,196	740	680
B55M	730	>30	>10,000	1,260	925	900
B72M	255	>30	>10,000	1,067	615	1250
B7M	550	>30	>10,000	1,318	1,035	1600

The above samples also contain anomalous antimony (to 195 ppm) and copper values (to 203 ppm). The samples show an increase in values for all elements (except for gold and silver in B8M) compared to the control sample (B39M). Base and precious metal values start to decrease again in sample B72M. The anomalous values in sample B7M can be accounted for since the drainage basin includes the Moon Adit area. However, the increase in base and precious metal values in samples B73M and B55M compared to the control sample, suggests that the base and precious bearing fissure veins at the Moon Adit may continue to the southwest, crossing Faro Gulch in the area upstream of B55M to B8M.

Anomalous values were obtained from the southeast property area. Results include 660 ppb Au, 4.4 g/t Ag with 106 ppm Pb and 252 ppm Zn from Silver Basin Gulch (B114M, B117M) and 290 ppb Au from a tributary to the west (B118M). The source appears to be quartz veins with anomalous precious metal values associated with aplite dykes, southeast of the B property. Local, similar style mineralization may be responsible for the 760 ppb Au anomaly obtained lower in Silver Basin Gulch in 2001 (B32M).

The best sample from the Gambler Gulch area returned 296 ppm Zn, with 35 ppb Au (B103M). The anomaly may be related to mineralization related to the northeastern extension of two fissure veins at the Lake occurrence, approximately 1.5 km to the southwest. It should be noted that the stream sediment samples collected from this area were generally of lower quality due to smaller creeks with a limited lode capacity.

8.0 GEOPHYSICS (Figures 8-19)

8.1 Procedure

A VLF - EM survey was carried out over 10.0 line kilometres of grid. The survey utilized a Geonics EM-16 unit using the Cutler, Maine station for the northeast trending structures and the Seattle, Washington station for the cross-structures. The optimum station to pick up the northeast trending structures was Hawaii, which was off the air for the duration of the survey. Readings were taken at 25m intervals on lines spaced 100m to 200m apart. The null for the Cutler station was obtained at 080° with readings taken at 350°. The null for the Seattle station was obtained at 150° with readings taken at 060°. Both in phase and quadrature readings were measured in degrees. It should be noted that poor reception was obtained on the Cutler station for the majority of the survey. There appears to be a fair bit of noise in the survey, particularly making dip directions, difficult to determine. The results were Fraser filtered to more accurately define the conductors.

The VLF profiles for the Sun Grid are plotted on Figures 8 to 10, using the Cutler station and on Figures 11-13 for the Seattle station. The profiles for the Moon Grid are plotted on Figure 14, using the Cutler station and on Figure 15 for the Seattle station. The Fraser

filtered contours are displayed on Figure 16 (Cutler) and Figure 17 (Seattle) for the Sun Grid and Figure 18 (Cutler) and Figure 19 (Seattle) for the Moon Grid.

8.2 Results and Interpretation

8.2.1 Sun Grid (Figure 16)

On the Cutler station, a baseline parallel, two station conductor that extends the length of the grid was identified, that could represent the structure passing through the Moon Adit (Conductor A). The conductor crosses L30E/, L32E/4825-50N, L34E/4850-75N, continuing through to L40E/4850-51N, just south of the Trench 7 area. From this point the conductor may continue through to the Moon Adit or it may trend off at 080° towards Trench 1. The strongest signature along this conductor, if it trends through to the Moon Adit, is at L40E/4850-51N, just south of Trench 7 and at L42E/4750-75N, if the conductor continues towards Trench 1. At the former point the conductor also intersects with another, less continuous, structure that trends approximately 060° and may then bend off to 080°, towards Trench 1 (Conductor E).

Two other northeast trending conductors were identified that extend the length of the grid and would intersect in the vicinity of the Moon Adit (Conductors B and C). Conductor B, trending 050-060°, intersects with a strong, but less continuous conductor on L 30E/56-5650N, (Conductor D) which trends off at 065° and passes just north of Trench 2. Although there is a significant swamp at this locality (L34E/5375-5450N), the continuity and quadrature response are suggestive of a deeper source.

Another northeast trending structure was picked up on the south end of L40-42E and is open in both directions due to limitations of the grid.

Similar structures were picked up on the Seattle station but are difficult to accurately delineate due to the high angle of the station to the survey lines. The anomalies, outlined in this survey, may be useful in narrowing down targets along the conductors, outlined using the Cutler station. For example, the Seattle survey confirms the strength of the area north of Trench 2, the intersections at L 30E/56-5650N and in the vicinity of Trench 7 on L40E and the continuation of Conductor A (or E) towards Trench 1.

8.2.2 Moon Grid

On the Cutler station, a baseline parallel conductor extending the length of the grid was identified that could represent the structure passing through the Moon Adit. The conductor trends 040° from the adit and lies just north of the baseline. On L55E, the conductor corresponds to a swamp but the continuity, and quadrature and in phase profiles suggest a deeper source. The conductor may be a continuation of Conductor A from the Sun Grid, or possibly Conductor B.

Other conductors identified on the grid were discontinuous, although a 065° trending conductor at the south end of L52-53E trends off the grid, but appears to connect with Conductor C on the Sun Grid, confirming an intersection in the Moon Adit area. A broad conductor occurs south of the baseline on L55E, which is more typical of a flat lying conductor. A narrow, discontinuous conductor occurs north of and parallel to the main conductor, discussed above (continuation of Conductors A or B).

All of the conductors, except for the possible continuation of Conductor C, are confirmed on the Seattle station. An additional conductive response at L52E/4925-50N, suggests continuity with the broad conductor on L55E, south of the baseline.

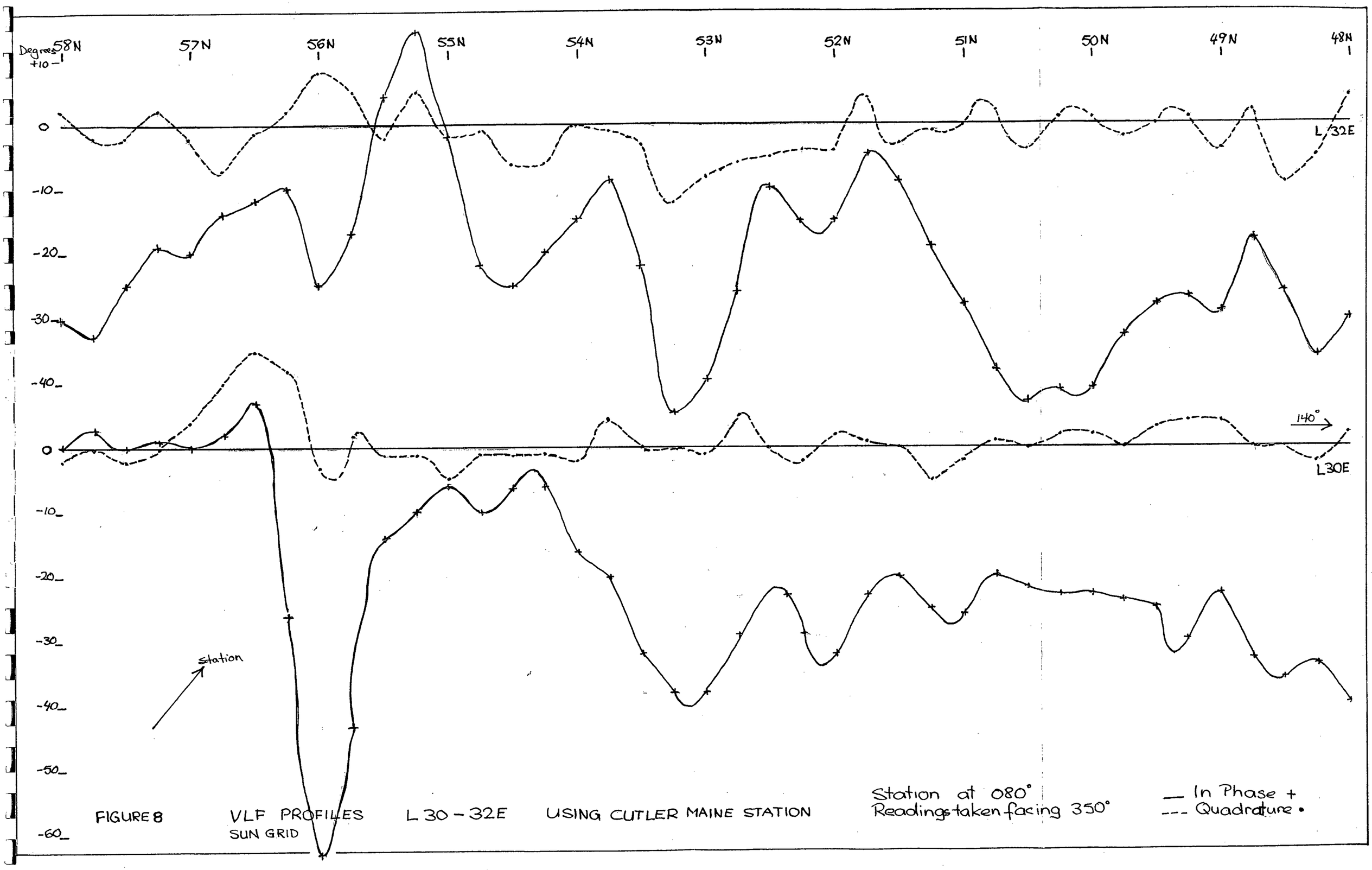


FIGURE 8 VLF PROFILES L 30 – 32E USING CUTLER MAINE STATION
SUN GRID

Station at 080°
Readings taken facing 350°

— In Phase +
--- Quadrature •

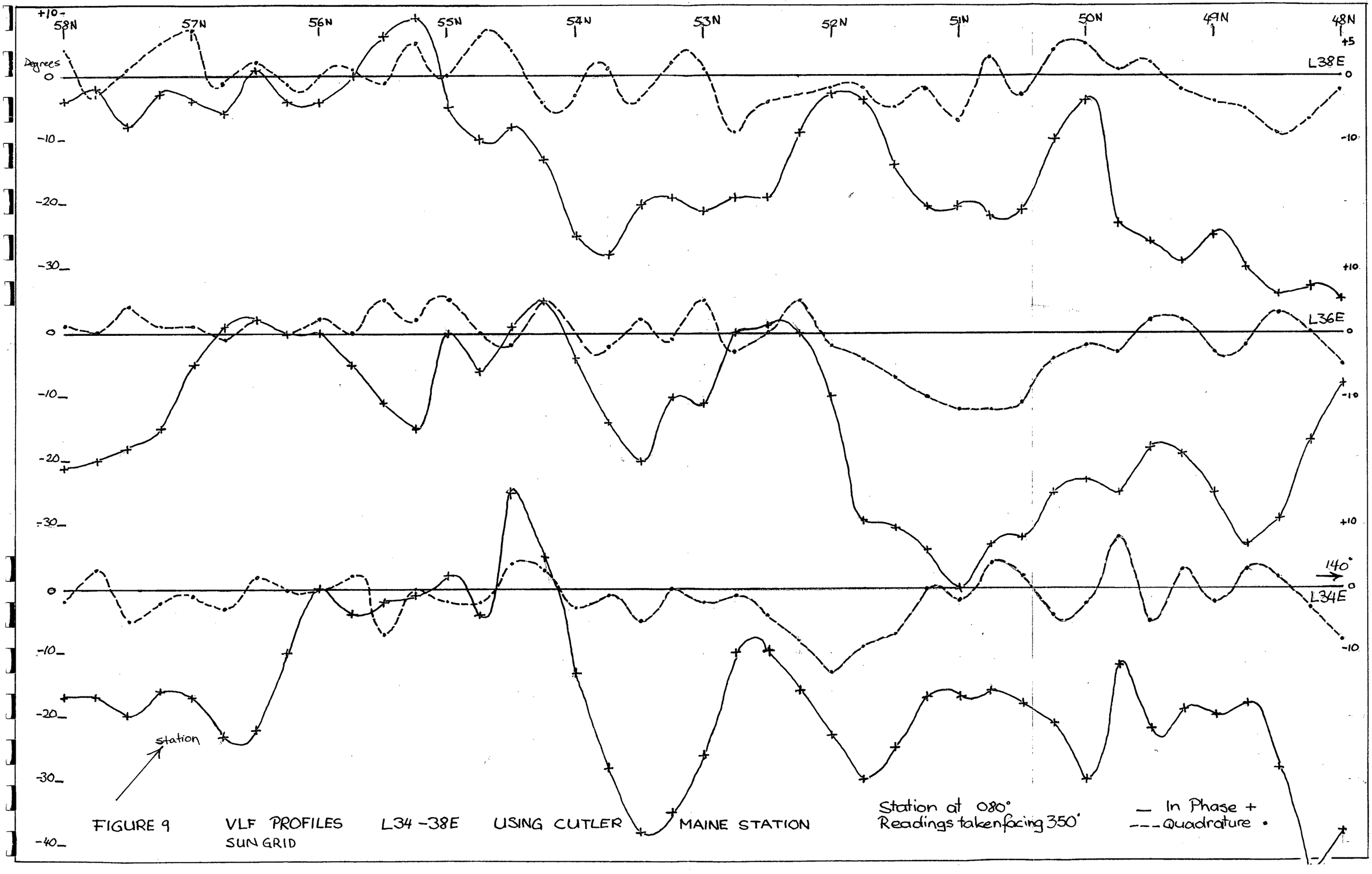


FIGURE 9 VLF PROFILES L34 -38E USING CUTLER MAINE STATION
SUN GRID

Station at 080°
Readings taken facing 350°

— In Phase +
--- Quadrature •

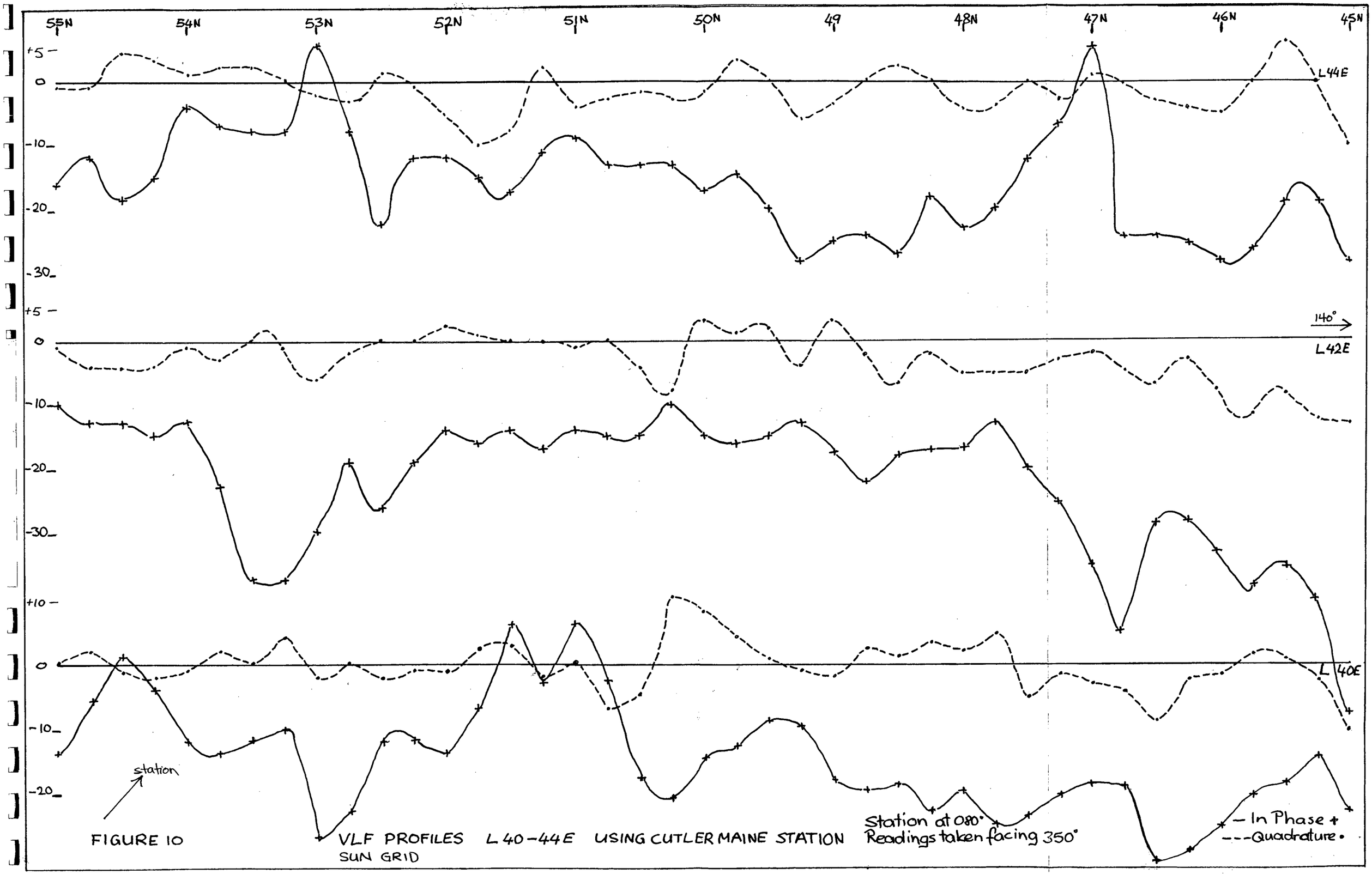


FIGURE 10 VLF PROFILES L 40-44E USING CUTLER MAINE STATION Station at 080° Readings taken facing 350°

SUN GRID

58N 57N 56N 55N 54N 53 52N 51N 50N 49N 48N

+10
0
-10
-20
+10
0
-10
-20
-30

L32E

140°

L30E

N

Station

FIGURE 11 VLF PROFILES L30 - 32E USING SEATTLE, WA. STATION
SUN GRID

Station at 150°
Readings taken facing 060°

— In Phase +
--- Quadrature -

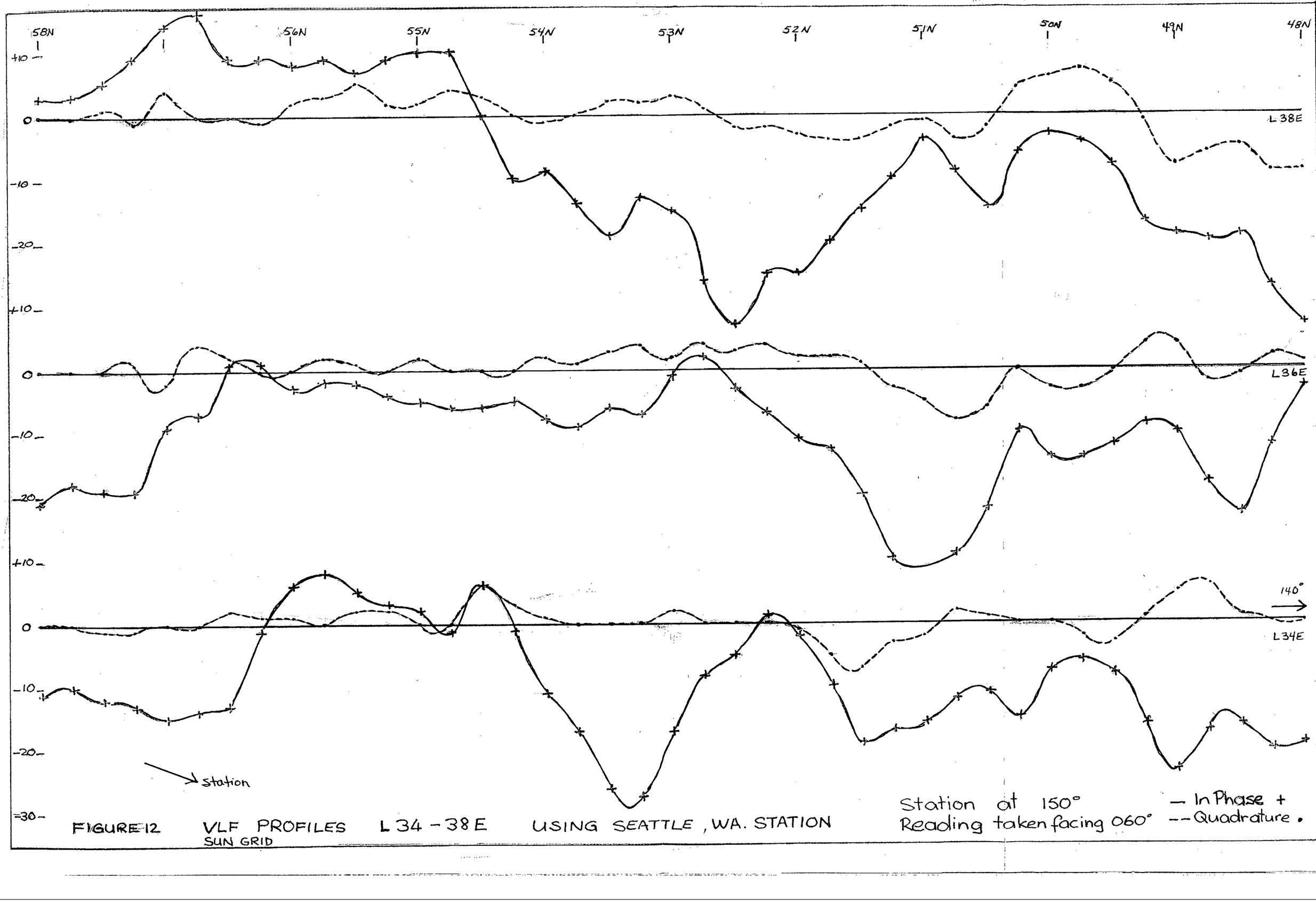


FIGURE 12 VLF PROFILES L 34 - 38 E USING SEATTLE, WA. STATION
SUN GRID

Station at 150°
Reading taken facing 060°

— In Phase +
-- Quadrature •

55N 54N 53N 52N 51N 50N 49N 48N 47N 46N 45N

0

+10

L44E

140°

0

L42E

-10

-20

-30

0

L40E

-10

-20

-30

station

FIGURE 13 VLF PROFILES L 40 - 44E USING SEATTLE, WA. STATION

SUN GRID

Station at 150°
Readings taken facing 060°

— In Phase +
--- Quadrature •

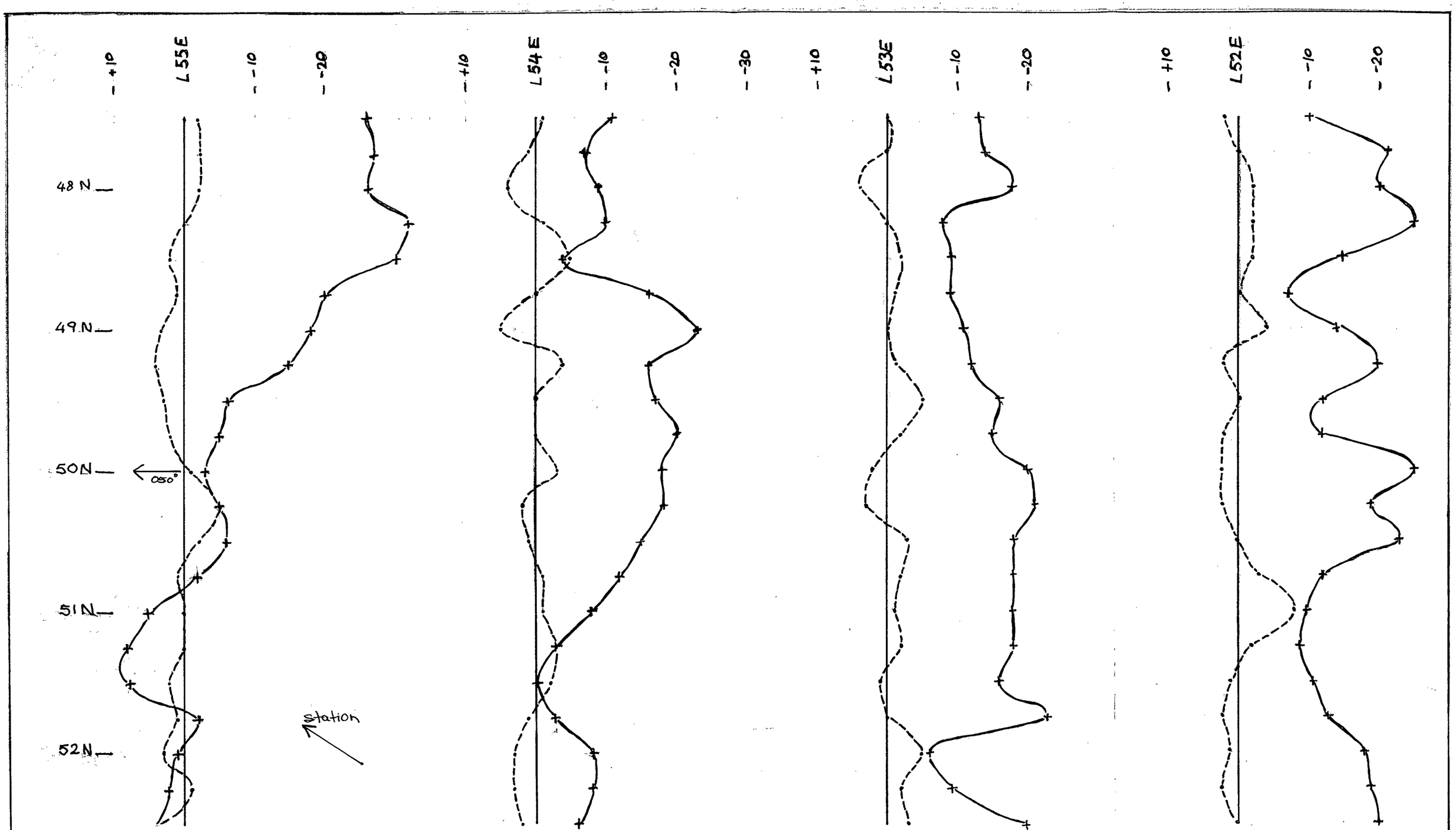


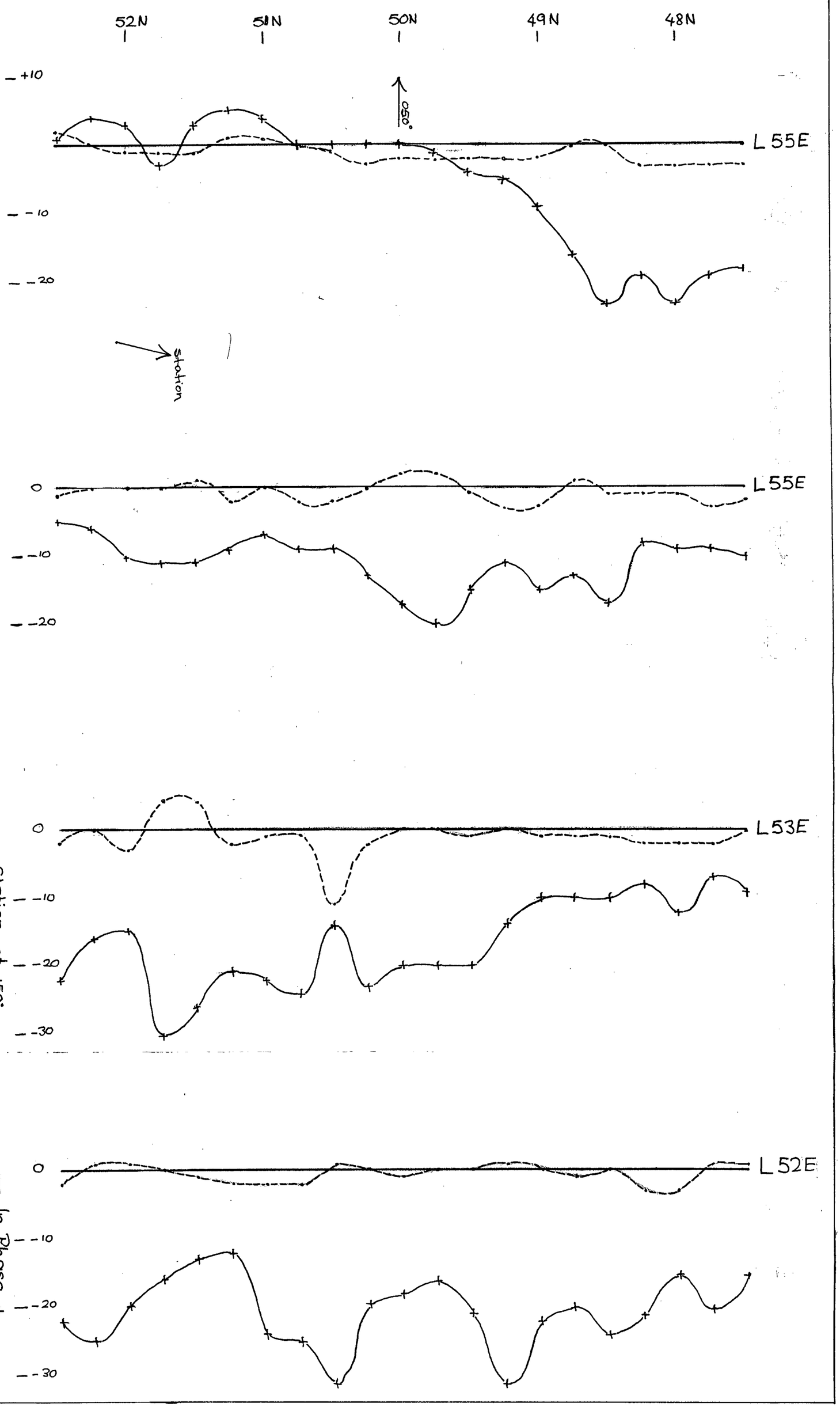
FIGURE 14 VLF PROFILES L52-55E USING CUTLER, MAINE STATION

MOON GRID

Station at 080°
Reading taken facing 350°

— In Phase +
-- Quadrature -

FIGURE 15 VLF PROFILES MOON GRID L52 - 55E USING SEATTLE, WA. STATION



Station at 150° Readings taken facing 060°

— In Phase + --- Quadrature •

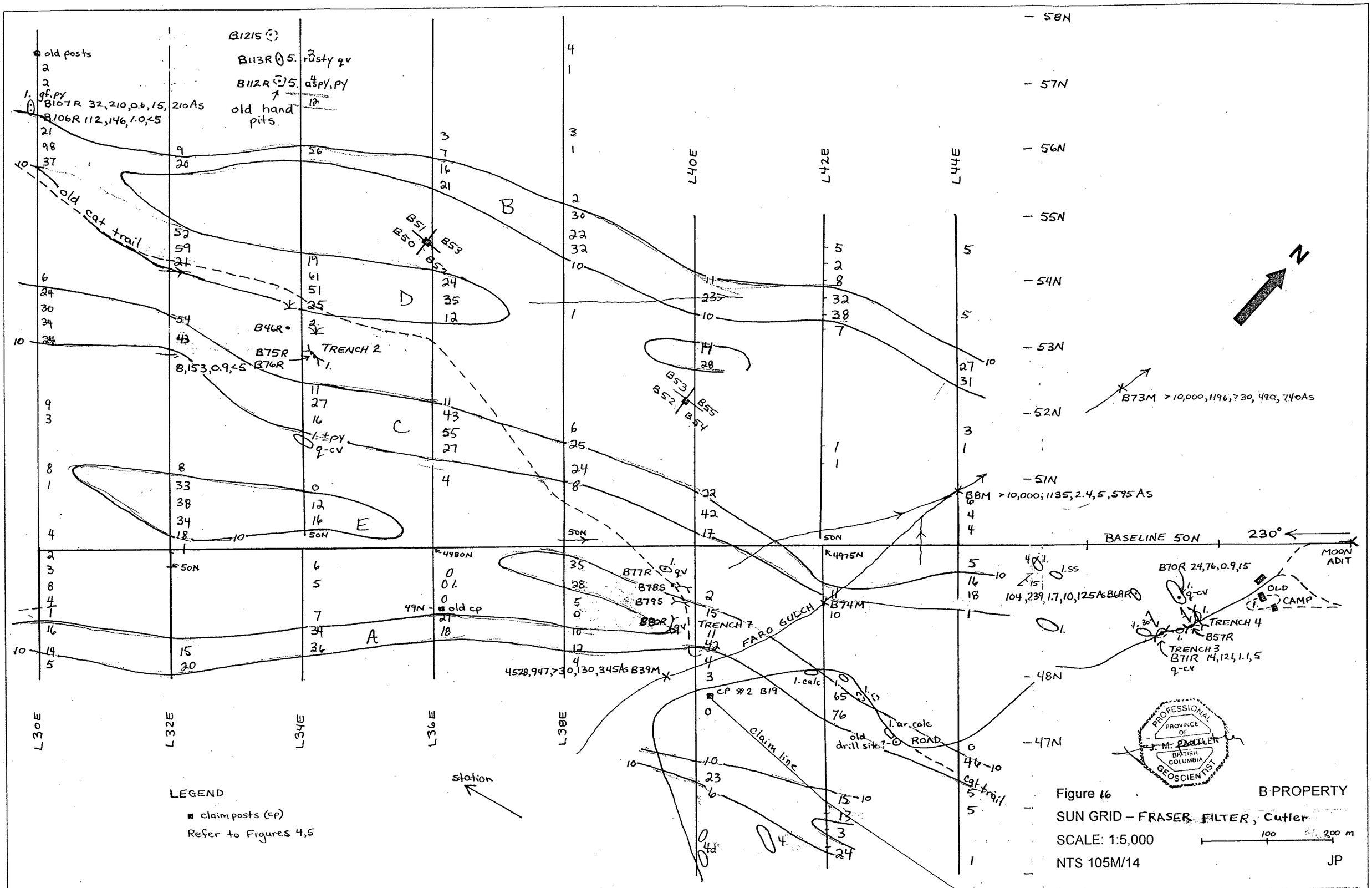


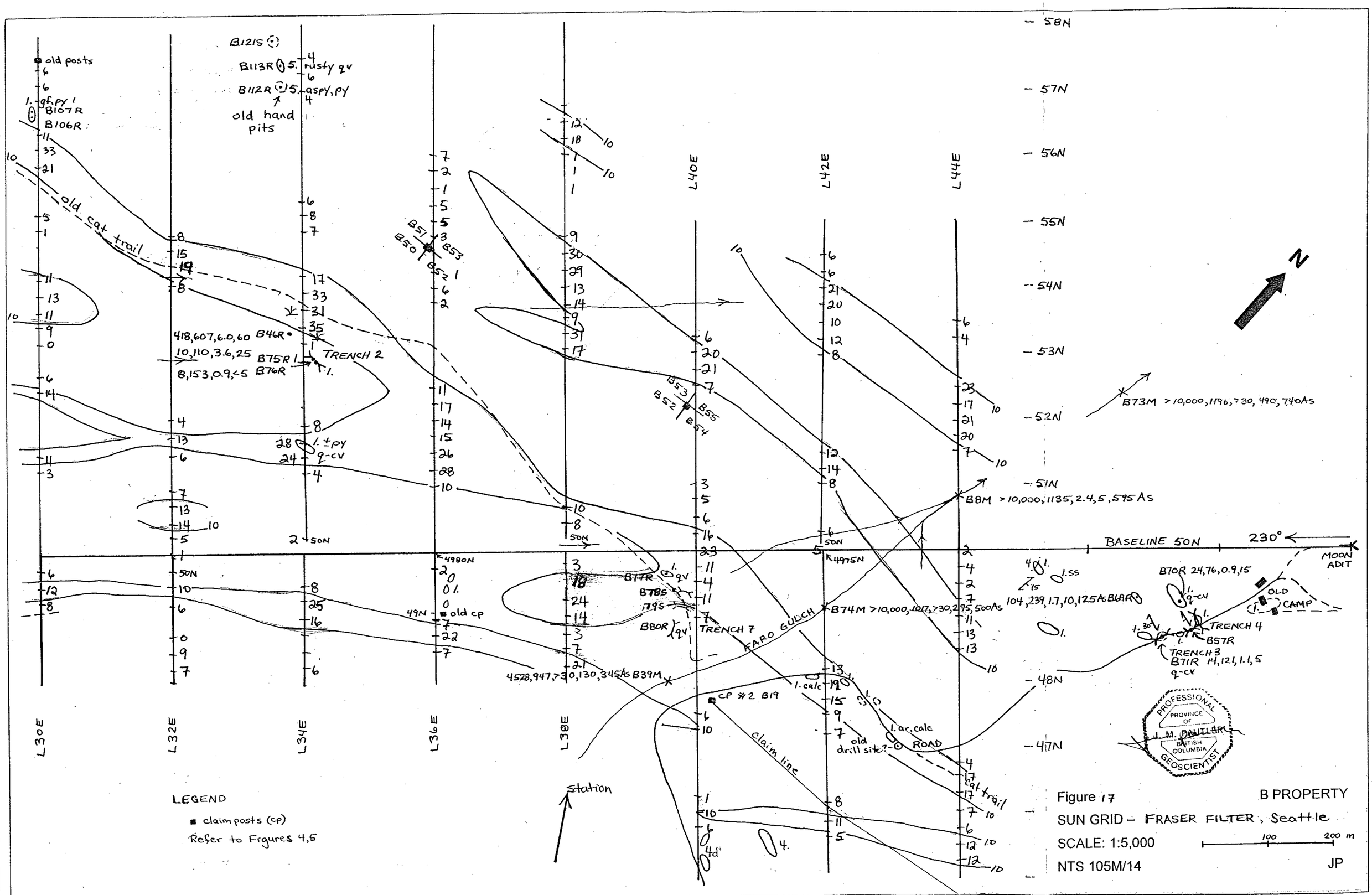
Figure 16 B PROPERTY

SUN GRID – FRASER FILTER, Cutler

SCALE: 1:5,000

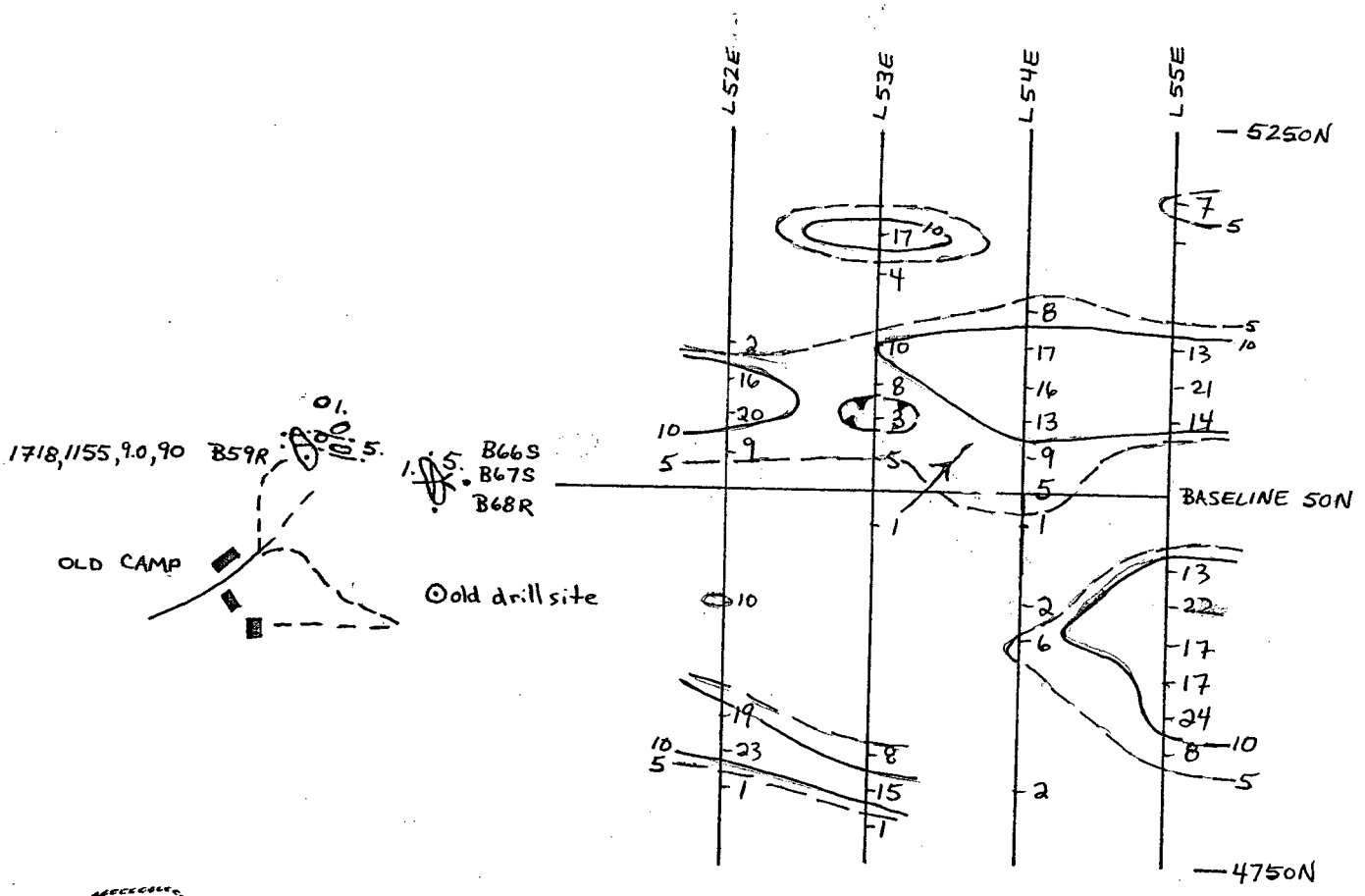
NTS 105M/14

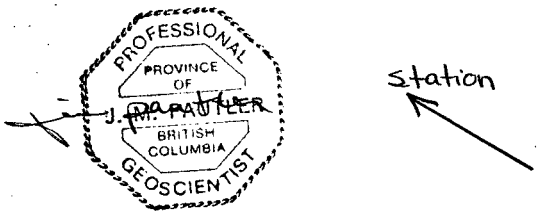
JP


B121S
B113R 5. rusty qv
B112R 5. aspy, py
old hand pits
old posts
1. gf, py
B107R
B106R
old cat trail
418,607,6.0,60 B46R
10,110,3.6,25 B75R
8,153,0.9,<5 B76R
TRENCH 2
1. ±py
q-cv
2 SON
4980N
49N
old cp
4528,947,>30,130,345As B39M
B51
B50
B53
B52
B54
B55
B71R
q-cv
B78S
,79S
B80R
TRENCH 7
KARO GULCH
B74M >10,000,1017,>30,295,500As
CP #2 B19
claim line
1. calc
1. ss
1. ar, calc
ROAD
old drill site?
4d
4.
Station
L30E
L32E
L34E
L36E
L38E
L40E
L42E
L44E
58N
57N
56N
55N
54N
53N
52N
51N
48N
47N
B8M >10,000,1135,2.4,5,595As
B73M >10,000,1196,730,490,740As
BASELINE 50N
230°
MOON ADIT
4975N
5 SON
B70R 24,76,0.9,15
q-cv
OLD CAMP
104,239,1.7,10,125As BGARB
TRENCH 4
B57R
TRENCH 3
B71R 14,121,1.1,5
q-cv
N
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. PAULLEY
GEOSCIENTIST
LEGEND
claim posts (cp)
Refer to Figures 4,5
Figure 17
B PROPERTY
SUN GRID – FRASER FILTER, Seattle
SCALE: 1:5,000
100 200 m
NTS 105M/14
JP

RESULTS

Sample	Pb, ppm	Zn, ppm	Ag, ppm	Au, ppb	As, ppm
B66S	3750	795	44.9	1,993	2065
B67S	4652	807	60.8	350	2080
B68R	2.14%	2.57%	187.0	2,209	710,000





station

Figure 18 B PROPERTY

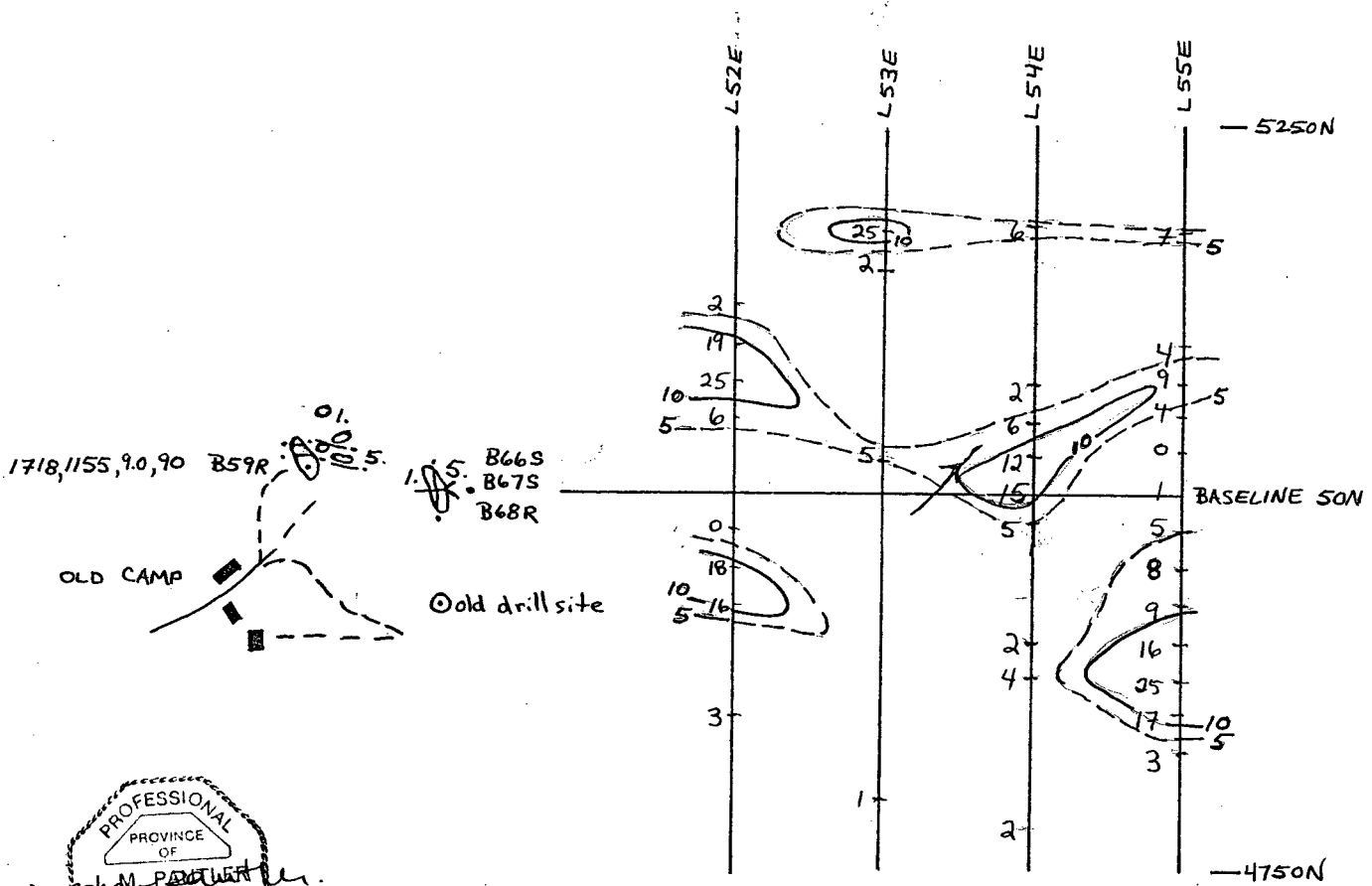
MOON GRID – FRASER FILTER, CUTLER

SCALE: 1:5,000 100 200 m

NTS 105M/14 JP

RESULTS

Sample	Pb, ppm	Zn, ppm	Ag, ppm	Au, ppb	As, ppm
B66S	3750	795	44.9	1.99g/t	2065
B67S	4652	807	60.8	350	2080
B68R	2.14%	2.57%	187.0	2.20g/t	710,000



station

Figure 19 B PROPERTY

MOON GRID – FRASER FILTER, Seattle

SCALE: 1:5,000 100 200 m

NTS 105M/14 JP

9.0 CONCLUSIONS AND RECOMMENDATIONS

There is potential for five northeast trending Keno Hill type fissure veins to transect the B property, the highly productive Sadie-Ladue Vein, two veins on the Lake leases, one on the Stone and the Nabob #2 Vein. Two prospective northeast trending structures have been delineated on the B property, one of which hosts a fissure vein.

The 045°/85°W trending fissure vein is exposed at the Moon Adit, centrally located within the B property, but on adjacent ground. Maximum values from the adit are 8.0% Pb, 7.9% Zn, 586 g/t Ag and 5.2 g/t Au. Mineralization appears to be associated with an aplite sill at the junction with overlying schists.

Economic mineralization in the Keno Hill Mining Camp is hosted within more competent rocks than the Lower Schist Unit, primarily the Keno Hill Quartzite, but also within the Greenstone Unit. The aplite represents a competent host rock within the Lower Schist Unit. Keno Hill type mineralization is also localized at fault intersections and at the junction of a competent host rock and overlying schists. The latter case is the environment observed at the Moon Adit.

Significant northeast trending conductors were outlined by the VLF-EM survey, on trend with the Moon Adit, suggesting continuity over the 2.5 km extent of the baseline, with significant intersections identified along their extent.

Stream sediment geochemistry in Faro Gulch, with values up to >10,000 ppm Pb, 1,260 ppm Zn, >30 ppm Ag, 730 ppb Au and 925 ppm As from sample B55M, suggests that the mineralization at the Moon Adit continues to the southwest on to the B property and extends for at least another 400m.

The second fault, which trends approximately 30° and dips steep southeast, is exposed on the B 90 claim and may continue through near the bend in Gambler Gulch. Elevated base metal, arsenic and minor precious metal values up to 6,860 ppm Zn, 418 ppm Pb, 2,675 ppm As, 6.0 ppm Ag and 245 ppb Au, occur in rock samples proximal to the fault. The fault projects through an exposure of aplite on the B 51, 49 and 47 claims. Detailed mapping, prospecting and reconnaissance VLF surveying is warranted within this favourable environment.

A third structure has been postulated to the west of Trench 2, based on the presence of smaller subsidiary drag folds, observed in outcrop and conductors identified by the VLF-EM survey. The structure could represent the strike extent of the structure hosting the Lake Vein(s).

A program of detailed mapping, prospecting and sampling, with reconnaissance VLF-EM surveying is recommended in the vicinity of the bend in Gambler Gulch where the possible strike extension of the Sadie-Ladue structure transects exposures of aplite on the B 47, 49 and 51 claims, possibly continuing on to the 88 and 90 claims. Additional similar work is also warranted to trace the Stone and Nabob #2 structures on to the B property. The latter vein projects into an area underlain by greenstone, a favourable host on the B 15 and 22 claims, and possibly further to the northeast. The extension of the more readily accessible Moon fissure vein and Lake structures could be tested by overburden drilling, particularly if a drill is still available in Elsa.

APPENDIX I

Selected References

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Murphy D. C. and Roots C. M. (1992): Geology of Keno Hill Map Area, YT (105 M/14); Geological Survey of Canada Open File 1992-3, scale 1:50,000.

Roots C. M. and Murphy D. C. (1992): Geology of Mayo Map Area (105 M); Geological Survey of Canada Open File 2483, scale 1:250,000.

Yukon Minfile (2002): Yukon Geology Program, IMS Ltd., NTS 105 M/14.

APPENDIX II

Geochemical Procedure and Results

Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Samples unable to produce adequate -80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with aqua regia which contains beryllium which acts as an internal standard. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

K:Methods/methicp

Analytical Procedure Assessment Report

GEOCHEMICAL GOLD ANALYSIS

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a prenumbered bag.

The sample is weighed to 10/15/30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

K:Methods/geoauana

Analytical Procedure Assessment Report

BASE METAL ASSAYS (Ag,Cu,Pb,Zn)

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a prenumbered bag.

A suitable sample weight is digested with aqua regia. The sample is allowed to cool, bulked up to a suitable volume and analyzed by an atomic absorption instrument, to .01 % detection limit.

Appropriate certified reference materials accompany the samples through the process providing accurate quality control.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.

Analytical Method Assessment for

GOLD ASSAY

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to -10 mesh. The sample is split through a Jones riffle until a -250 gram subsample is achieved. The subsample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize.

A 1/2 or 1.0 A.T. sample size is fire assayed using appropriate fluxes. The resultant dore bead is parted and then digested with aqua regia and then analyzed on a Perkin Elmer AA instrument.

Appropriate standards and repeat sample (Quality Control components) accompany the samples on the data sheet.

K:methods/methauas

CERTIFICATE OF ASSAY AK 2002-122

RICHARD FISCHER
2616-126TH AVE. SW.
CALGARY, ALBERTA
T2W 3V6

2-Jul-02

ATTENTION: RICHARD FISCHER

No. of samples received: 38
Sample Type: Rock
Project #: B2002
Shipment #: 1
Samples submitted by: Jean Pautler

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	B68R	2.20	0.064	187.0	5.45	2.14	2.57
37	B116R	5.73	0.167	-	-	-	-

QC DATA:

Repeat:							
1	B68R	-	-	188.0	5.48	2.14	2.58
Standard:							
Mpla		-	-	69.0	2.01	4.30	18.9

JJ/kk

ECO TECH LABORATORY LTD.
Jutta Jealouse

28-Jun-02

ECO TECH LABORATORY LTD.
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ICP CERTIFICATE OF ANALYSIS AK 2002-122

RICHARD FISCHER
2616-126TH AVE. SW.
CALGARY, ALBERTA
T2W 3V6

ATTENTION: RICHARD FISCHER

No. of samples received: 38
Sample Type: Rock
Project #: B2002
Shipment #: 1
Samples submitted by: Jean Pautler

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	B68R	>1000	>30	0.02	>10000	105	<5	0.06	314	18	92	611	>10	10	0.34	<1	<1	0.01	<1	<10	>10000	80	<20	3	0.16	20	1	<10	<1	>10000
2	B69R	10	1.7	0.04	125	20	<5	2.52	1	4	124	51	1.66	5	0.38	2641	4	<0.01	16	510	104	<5	<20	111	0.06	<10	2	<10	4	239
3	B70R	15	0.9	1.35	10	70	<5	0.05	<1	8	156	56	3.45	15	0.80	267	3	<0.01	14	150	24	<5	<20	4	0.03	<10	22	<10	<1	76
4	B71R	5	1.1	0.12	<5	35	<5	2.54	<1	3	117	70	1.25	5	0.85	603	<1	<0.01	24	310	14	<5	<20	123	0.02	<10	1	<10	2	121
5	B75R	25	3.6	0.24	55	135	<5	0.28	<1	5	125	102	4.10	15	0.12	<1	16	<0.01	28	1080	10	<5	<20	16	0.03	<10	6	<10	2	110
6	B76R	<5	0.9	0.06	10	45	<5	1.45	3	3	154	45	0.59	<10	0.06	326	<1	0.01	18	260	8	<5	<20	37	0.01	<10	1	<10	5	153
7	B77R	10	0.4	0.14	35	60	<5	0.03	<1	4	156	12	1.32	10	0.03	61	9	0.01	14	150	10	<5	<20	4	0.01	<10	4	<10	2	95
8	B80R	<5	<0.2	0.08	5	20	<5	0.52	<1	2	160	11	0.64	<10	0.07	66	5	0.01	7	180	8	<5	<20	4	<0.01	<10	2	<10	<1	28
9	B81R	15	0.2	1.62	<5	65	<5	0.18	<1	10	80	18	3.97	20	1.00	85	<1	0.02	15	980	<2	<5	<20	13	0.03	<10	20	<10	<1	74
10	B82R	15	1.4	2.22	15	55	<5	0.08	<1	13	169	59	8.52	20	1.30	58	<1	<0.01	14	930	48	<5	<20	8	0.06	<10	34	<10	<1	148
11	B83R	5	0.9	0.13	<5	15	<5	0.35	<1	7	147	22	1.62	5	0.07	280	2	0.01	10	280	50	<5	<20	3	0.02	<10	2	<10	1	165
12	B85R	5	0.8	0.05	20	15	<5	0.13	<1	4	144	12	1.77	5	0.04	323	<1	<0.01	6	90	84	<5	<20	<1	0.02	<10	<1	<10	<1	38
13	B86R	<5	<0.2	0.02	<5	<5	<5	0.04	<1	1	156	7	0.60	<10	0.02	73	2	<0.01	2	30	8	<5	<20	<1	<0.01	<10	<1	<10	<1	10
14	B87R	<5	0.2	0.05	<5	10	<5	6.76	2	2	124	6	0.68	<10	0.10	188	2	<0.01	19	290	6	<5	<20	301	<0.01	<10	1	<10	13	108
15	B88R	5	0.2	0.20	2460	35	<5	1.59	<1	1	87	2	0.44	<10	0.03	246	1	0.03	3	80	10	<5	<20	28	<0.01	<10	<1	<10	5	80
16	B89R	20	1.2	0.02	1040	5	<5	0.15	145	2	163	14	0.76	<10	0.01	74	<1	<0.01	<1	10	20	<5	<20	3	<0.01	<10	<1	<10	<1	6942
17	B90R	10	1.6	4.10	15	55	<5	5.63	<1	53	150	552	7.64	40	3.10	1059	<1	<0.01	68	990	<2	<5	<20	25	0.11	<10	226	<10	3	83
18	B91R	5	0.6	3.65	10	65	<5	3.12	<1	31	142	178	6.44	30	2.52	715	<1	0.03	55	690	<2	<5	<20	3	0.08	<10	149	<10	3	83
19	B92R	<5	0.2	0.02	<5	10	<5	0.31	<1	2	178	6	0.55	<10	0.10	181	3	<0.01	7	30	<2	<5	<20	6	<0.01	<10	1	<10	<1	62
20	B93R	160	>30	0.07	235	55	<5	1.26	97	21	97	1293	>10	10	2.04	>10000	13	<0.01	11	270	7918	1320	<20	<1	1.16	220	9	<10	<1	5985
21	B94R	10	2.8	0.72	15	45	<5	0.25	<1	22	138	33	2.65	10	0.44	1072	<1	0.02	45	420	160	10	<20	7	0.04	<10	7	<10	3	221
22	B95R	20	0.6	0.04	<5	35	<5	1.67	2	6	157	17	1.74	<10	0.26	1007	3	0.01	17	150	1062	5	<20	25	0.02	<10	<1	10	2	665
23	B96R	<5	0.6	0.11	<5	25	<5	0.01	<1	1	197	9	0.58	<10	0.04	58	1	<0.01	7	60	8	<5	40	<1	<0.01	<10	2	<10	<1	14
24	B97R	<5	0.2	0.08	<5	15	<5	0.09	<1	1	186	12	0.63	<10	0.04	113	4	<0.01	7	230	6	<5	40	<1	<0.01	<10	<1	<10	<1	43
25	B98R	<5	0.3	0.07	<5	10	<5	0.03	<1	1	181	12	0.74	<10	0.03	63	<1	<0.01	7	150	8	<5	20	<1	<0.01	<10	2	<10	<1	34

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	B100R	15	3.3	0.10	<5	20	<5	0.45	15	3	170	31	1.40	<10	0.19	192	4	0.01	18	250	532	5	<20	7	0.01	<10	2	<10	<1	1233
27	B101R	<5	0.3	0.11	10	10	<5	0.23	<1	13	164	26	1.51	<10	0.04	359	<1	0.01	26	130	14	<5	20	<1	0.01	<10	<1	<10	<1	62
28	B104R	<5	0.2	0.40	15	15	<5	4.81	<1	6	140	11	4.20	10	1.21	1847	3	0.01	25	80	<2	<5	<20	21	0.05	<10	5	<10	2	52
29	B106R	<5	1.0	0.10	<5	20	<5	0.05	<1	6	155	22	1.31	<10	0.04	343	<1	<0.01	9	160	112	<5	20	<1	0.01	<10	1	<10	2	146
30	B107R	15	0.6	4.08	210	30	<5	0.39	<1	19	125	102	>10	25	2.78	1740	<1	<0.01	30	680	32	<5	<20	18	0.10	20	63	<10	<1	210
31	B108R	<5	<0.2	0.31	<5	35	<5	0.01	<1	2	200	11	0.90	<10	0.08	34	<1	0.02	11	250	6	<5	40	4	<0.01	<10	3	<10	<1	24
32	B110R	115	<0.2	0.11	<5	10	<5	0.39	<1	7	163	18	2.08	<10	0.06	281	5	0.01	10	190	<2	5	<20	1	0.02	<10	<1	<10	2	164
33	B111R	5	0.6	0.57	<5	30	<5	0.10	<1	4	182	63	2.40	5	0.31	143	8	0.03	27	650	52	<5	20	13	0.02	<10	6	<10	1	57
34	B112R	<5	0.2	0.29	445	85	<5	0.04	<1	5	87	11	0.81	5	0.04	55	3	0.03	9	190	12	<5	<20	7	<0.01	<10	<1	<10	2	88
35	B113R	<5	0.4	0.12	10	15	<5	0.11	2	5	198	23	1.58	<10	0.04	135	7	0.02	13	160	12	<5	40	<1	0.01	<10	1	<10	2	302
36	B115R	130	1.3	0.42	5780	65	<5	0.17	20	13	89	26	2.31	5	0.12	92	2	0.02	4	220	144	10	<20	5	0.02	<10	<1	<10	<1	205
37	B116R	>1000	9.2	0.06	>10000	25	<5	0.09	70	35	158	17	3.08	5	0.07	64	<1	<0.01	6	50	444	10	<20	2	0.02	<10	<1	<10	<1	371
38	B120R	15	0.6	0.12	35	42	<5	3.70	<1	4	122	8	1.17	17	<0.01	273	1	<0.01	16	878	13	<5	<20	70	<0.01	<10	3	15	8	142
QC DATA:																														
Resplit:																														
1	B68R	>1000	>30	0.02	>10000	105	<5	0.05	491	21	114	608	>10	55	0.31	<1	<1	0.02	2	120	>10000	105	<20	3	0.18	30	<1	<10	<1	>10000
36	B115R	130	1.2	0.41	5730	70	<5	0.19	9	12	85	26	2.36	<10	0.13	103	2	0.02	3	230	156	<5	<20	6	0.02	<10	<1	<10	1	199
Repeat:																														
1	B68R	>1000	>30	0.02	>10000	105	<5	0.06	299	17	86	578	>10	10	0.33	<1	<1	0.02	<1	<10	>10000	80	<20	3	0.16	20	<1	<10	<1	>10000
10	B82R	10	1.4	2.31	15	65	<5	0.08	<1	14	175	64	8.79	10	1.37	57	<1	<0.01	17	970	54	<5	<20	8	0.06	<10	35	<10	<1	156
19	B92R	<5	0.2	0.02	<5	10	<5	0.37	<1	2	184	6	0.61	<10	0.10	204	3	<0.01	9	30	4	<5	20	6	<0.01	<10	<1	<10	<1	63
36	B115R	-	1.2	0.41	5790	70	<5	0.20	10	12	86	29	2.39	5	0.13	105	2	0.02	4	230	158	<5	<20	5	0.02	<10	<1	<10	1	197
Standard:																														
GEO '02		125	1.6	1.65	75	130	<5	1.65	<1	20	64	84	3.70	10	0.97	637	<1	0.02	32	670	28	10	<20	35	0.11	<10	73	<10	10	80

JJ/kk
df/122/122a
XLS/02
CC: Jean Pautler

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

27-Jun-02

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ICP CERTIFICATE OF ANALYSIS AK 2002-120

RICHARD FISCHER
2616 - 126 TH AVE S.W.
CALGARY, ALBERTA
T2W 3V6

ATTENTION: RICHARD FISCHER

No. of samples received: 7
Sample Type: Soil
Project #: 82002
Shipment #: 1
Samples submitted by: Jean Pautler

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	B66 S	1994 >1000	>30	0.08	2065	130	<5	0.04	<1	19	58	255	>10	58	0.40	<1	7	<0.01	9	30	3750	<5	<20	11	0.18	20	2	10	<1	795
2	B67 S	350	>30	0.06	2080	140	<5	0.03	<1	18	72	276	>10	65	0.43	<1	9	<0.01	<1	70	4652	<5	<20	8	0.19	30	3	<10	<1	807
3	B78 S	15	0.9	1.09	40	160	<5	0.13	<1	15	23	65	3.15	10	0.43	293	<1	<0.01	31	560	32	<5	<20	9	0.05	<10	35	<10	10	153
4	B79 S	10	0.5	1.10	50	60	<5	0.08	<1	12	23	61	3.84	10	0.30	118	<1	<0.01	19	590	20	<5	<20	4	0.06	<10	56	<10	3	114
5	B84 S	20	0.9	2.03	25	190	<5	0.03	<1	12	34	39	4.42	10	0.50	206	3	<0.01	27	510	22	<5	<20	11	0.04	<10	45	<10	<1	145
6	B119 S	30	0.5	1.61	70	140	<5	0.19	<1	16	30	88	3.52	10	0.53	208	<1	0.01	36	730	90	<5	<20	11	0.06	<10	43	<10	6	161
7	B121 S	20	0.3	1.29	35	125	<5	0.23	<1	13	23	69	3.00	8	0.42	172	<1	<0.01	29	750	18	<5	<20	10	0.05	<10	33	<10	5	114

Ag 3/4
44.9
60.8

QC DATA:

Repeat:

1	B66 S	-	>30	0.09	2230	130	<5	0.03	2	19	66	240	>10	60	0.40	<1	8	<0.01	10	40	3804	<5	<20	10	0.18	30	2	20	<1	860
3	B78 S	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Standard:

GEO '02		120	1.6	1.60	55	135	<5	1.49	<1	19	55	84	3.46	10	0.95	578	<1	0.02	23	590	16	<5	<20	39	0.12	<10	68	<10	8	77

JJ/kk
df/122
XLS/02

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

3-Jul-02

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ICP CERTIFICATE OF ANALYSIS AK 2002-121

RICHARD FISCHER
2616-126TH AVE. SW.
CALGARY, ALBERTA
T2W 3V6

ATTENTION: RICHARD FISCHER

No. of samples received: 11
Sample Type: Moss Mat
Project #: B2002
Shipment #: 1
Samples submitted by: Jean Pautler

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	B72M	255	>30	0.38	615	45	<5	0.53	13	26	21	175	4.37	<10	0.39	6037	8	<0.01	35	1630	>10000	145	<20	33	0.15	20	10	10	12	1067
2	B73M	490	>30	0.55	740	50	<5	0.56	17	29	26	172	4.53	<10	0.46	5807	18	<0.01	59	1620	>10000	195	20	22	0.14	<10	13	40	13	1196
3	B74M	295	>30	0.49	500	60	<5	0.52	12	25	22	165	4.34	10	0.41	5077	8	<0.01	37	1580	>10000	110	<20	32	0.14	10	12	10	12	1017
4	B99M	10	0.2	0.70	10	115	<5	0.50	1	11	19	22	1.96	<10	0.36	545	1	<0.01	20	840	62	<5	<20	15	0.05	<10	22	<10	6	96
5	B102M	30	0.6	0.76	40	160	<5	0.77	2	12	22	43	2.54	<10	0.40	645	3	0.01	31	1210	44	<5	<20	21	0.06	<10	23	<10	8	151
6	B103M	35	1.4	0.81	30	415	<5	1.06	9	31	25	47	2.70	10	0.46	>10000	6	0.01	44	1410	52	<5	<20	35	0.20	30	23	<10	10	298
7	B105M	10	1.3	0.81	25	60	<5	0.87	3	13	23	40	2.73	10	0.50	471	2	0.01	26	1870	54	<5	<20	16	0.05	<10	19	<10	11	170
8	B109M	15	0.5	0.80	25	215	5	0.87	2	22	23	37	2.57	10	0.40	7646	5	0.01	37	1160	30	<5	<20	32	0.15	20	22	<10	8	123
9	B114M	310	4.4	0.82	80	125	<5	0.62	2	20	26	79	3.44	10	0.57	889	5	<0.01	41	1210	106	<5	<20	25	0.07	<10	22	<10	9	252
10	B117M	660	1.7	0.71	65	100	<5	0.52	2	17	22	67	2.97	<10	0.48	521	4	<0.01	35	1180	96	<5	<20	19	0.06	<10	20	<10	8	212
11	B118M	290	0.7	0.68	50	40	<5	1.02	<1	16	22	49	2.94	10	0.55	485	3	<0.01	30	1860	38	<5	<20	17	0.06	<10	19	<10	11	147
QC DATA:																														
Repeat:																														
1	B66S	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO '02		120	1.6	1.85	55	135	5	1.80	<1	22	68	90	4.00	10	1.07	681	<1	0.03	33	670	22	<5	<20	40	0.17	<10	80	<10	11	75

JJ/kk
df/122
XLS/02
CC: Jean Pautler

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

APPENDIX III

VLF Data

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L 30E									
48N		-7	+2	-11		-40	+2	-74	
	25	-4	+4	-11	10	-34	-2	-70	-5
	50	-7	+7	-21	15	-36	0	-69	-14
	75	-14	+5	-26	3	-33	0	-56	-16
49N		-12	+5	-24	-8	-23	+4	-53	-1
	25	-12	+6	-18	-12	-30	+4	-55	-4
	50	-6	+4	-12	-6	-25	+3	-49	-8
	75	-6	+4	-12	4	-24	0	-47	-3
50N		-6	+2	-16	10	-23	+2	-46	-2
	25	-10	+3	-22	9	-23	+2	-45	-4
	50	-12	+3	-25	6	-22	0	-42	1
	75	-13	+4	-28	5	-20	+1	-46	9
51N		-15	+3	-30	-3	-26	-2	-51	-1
	25	-15	0	-25	-11	-25	-5	-45	-8
	50	-10	0	-19	4	-20	0	-43	10
	75	-9	+4	-29	21	-23	+1	-55	18
52N		-20	+2	-40	4	-32	+2	-61	-3
	25	-20	0	-33	-14	-29	-2	-52	-9
	50	-13	0	-26	-6	-23	0	-52	15
	75	-13	+4	-27	3	-29	+5	-67	24
53N		-14	+4	-29	0	-38	-1	-76	3
	25	-15	+5	-27	-9	-38	0	-70	-24
	50	-12	+4	-20	-13	-32	0	-52	-34
	75	-8	+3	-14	-11	-20	+4	-36	-30
54N		-6	+2	-9	-13	-16	-2	-22	-24
	25	-3	+1	-1	-11	-6	-1	-12	-6
	50	+2	+2	2	6	-6	-1	-16	4
	75	0	+5	-7	16	-10	-1	-16	0
55N		-7	+3	-14	-1	-6	-5	-16	8
	25	-7	-2	-6	-5	-10	-1	-24	41
	50	+1	-4	-9	18	-14	-1	-57	82
	75	-10	+2	-24	13	-43	+2	-106	32
56N		-14	+5	-22	-21	-63	-3	-89	-87
	25	-8	+4	-3	-33	-26	+12	-19	-98
	50	+5	+5	11	-11	+7	+15	9	-21
	75	+6	+10	8	7	+2	+10	2	8
57N		+2	+8	4	-1	0	+4	1	1
	25	+2	+5	9	-6	+1	0	1	-2
	50	+7	+4	10	-6	0	-2	3	-2
	75	+3	0	15		+3	0	3	
58N		+12	+3			0	-2		

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L 32E									
48N		-19	+9	-46		-30	+4	-66	
	25	-27	-2	-47	-7	-36	-5	-62	-22
	50	-20	-2	-39	-9	-26	-9	-44	-15
	75	-19	+1	-38	0	-18	+2	-47	12
49N		-19	+2	-39	2	-29	-4	-56	8
	25	-20	+4	-40	-6	-27	+1	-55	5
	50	-20	+1	-33	-10	-28	0	-61	19
	75	-13	+2	-30	1	-33	-2	-74	21
50N		-17	0	-34	7	-41	+1	-82	10
	25	-17	0	-37	4	-41	+1	-84	-1
	50	-20	0	-38	-5	-43	-4	-81	-18
	75	-18	-1	-32	-14	-38	+2	-66	-34
51N		-14	+2	-24	-13	-28	0	-47	-38
	25	-10	+2	-19	-7	-19	-1	-28	-33
	50	-9	-2	-17	1	-9	-3	-14	-8
	75	-8	-2	-20	5	-5	+4	-20	16
52N		-12	-2	-22	-6	-15	-4	-30	5
	25	-10	-2	-14	-13	-15	-4	-25	6
	50	-4	-1	-9	-4	-10	-5	-36	41
	75	-5	0	-10	6	-26	-6	-66	49
53N		-5	0	-15	14	-40	-8	-85	1
	25	-10	+7	-24	9	-45	-12	-67	-54
	50	-14	+2	-24	-2	-22	-3	-31	-43
	75	-10	+2	-22	6	-9	-1	-24	4
54N		-12	+6	-30	11	-15	0	-35	21
	25	-18	+1	-33	-8	-20	-6	-45	12
	50	-15	-3	-22	-19	-25	-6	-47	-21
	75	-7	-2	-14	-15	-22	-1	-24	-59
55N		-7	+1	-7	-8	-2	-2	12	-52
	25	0	0	-6	10	+14	+5	28	15
	50	-6	-3	-17	18	+14	-2	-3	70
	75	-11	+2	-24	7	-17	+5	-42	32
56N		-13	+1	-24	1	-25	+8	-35	-20
	25	-11	-1	-25	5	-10	+2	-22	-9
	50	-14	0	-29	4	-12	-1	-26	12
	75	-15	-1	-29	1	-14	-7	-34	13
57N		-14	+1	-30	7	-20	-2	-39	10
	25	-16	+2	-36	12	-19	+2	-44	19
	50	-20	-2	-42	15	-25	-2	-58	19
	75	-22	-1	-51		-33	-3	-63	
58N		-29	-7			-30	+2		

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L 34E									
48N		-19	0	-39		-38	-8	-82	72
	25	-20	0	-36	-6	-44	-3	-72	-36
	50	-16	+1	-33	4	-28	+2	-46	-34
	75	-17	+6	-40	6	-18	+3	-38	-7
49N		-23	+5	-39	-16	-20	-2	-39	3
	25	-16	+1	-24	-25	-19	+3	-41	-5
	50	-8	-3	-14	-8	-22	-5	-34	-6
	75	-6	-2	-16	11	-12	+8	-35	16
50N		-10	0	-25	10	-23	-3	-50	10
	25	-15	0	-26	-2	-27	-4	-45	-16
	50	-11	+1	-23	2	-18	+2	-34	-12
	75	-12	+2	-28	10	-16	+4	-33	0
51N		-16	-2	-33	8	-17	-2	-34	9
	25	-17	-3	-36	-4	-17	0	-42	21
	50	-19	-7	-29	-24	-25	-7	-55	11
	75	-10	-5	-12	-28	-30	-9	-53	-16
52N		-2	-1	-1	-8	-23	-13	-39	-27
	25	+1	0	-4	12	-16	-8	-26	-19
	50	-5	0	-13	21	-10	-4	-20	10
	75	-8	0	-25	31	-10	-1	-36	41
53N		-17	+2	-44	28	-26	-2	-61	30
	25	-27	0	-53	-1	-35	0	-66	-2
	50	-26	0	-43	-25	-31	-5	-59	-25
	75	-17	0	-28	-31	-28	-1	-41	-51
54N		-11	+1	-12	-33	-13	-3	-8	-61
	25	-1	+3	5	-17	+5	+3	20	-19
	50	+6	+6	5	4	+15	+4	11	22
	75	-1	0	1	0	-4	-2	-2	10
55N		+2	0	5	-7	+2	-2	1	1
	25	+3	+2	8	-8	-1	0	-3	7
	50	+5	+2	13	-6	-2	-7	-6	1
	75	+8	0	14	8	-4	+2	-4	4
56N		+6	+1	5	28	0	0	-10	28
	25	-1	+1	-14	32	-10	0	-32	35
	50	-13	+2	-27	15	-22	+2	-45	8
	75	-14	0	-29	1	-23	-3	-40	-12
57N		-15	0	-28	-4	-17	-1	-33	-4
	25	-13	-1	-25	-6	-16	-2	-36	4
	50	-12	-1	-22	-4	-20	-5	-37	-2
	75	-10	0	-21		-17	+3	-34	
58N		-11	+3			-17	-2		

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L 36E									
48N		-3	+1	-15		-7	-5	-24	
	25	-12	+2	-35	26	-17	0	-46	38
	50	-23	-1	-41	-7	-29	+3	-62	12
	75	-18	-2	-28	-22	-33	-2	-58	-18
49N		-10	+4	-19	-7	-25	-3	-44	-21
	25	-9	+4	-21	7	-19	+2	-37	-1
	50	-12	0	-26	7	-18	+2	-43	11
	75	-14	-3	-28	-2	-25	-3	-48	5
50N		-14	-3	-24	4	-23	-2	-48	9
	25	-10	0	-32	27	-25	-4	-57	17
	50	-22	-6	-51	28	-32	-11	-65	16
	75	-29	-8	-60	10	-33	-12	-73	11
51N		-31	-5	-61	-10	-40	-12	-76	-4
	25	-30	-3	-50	-28	-36	-10	-69	-11
	50	-20	+1	-33	-26	-33	-7	-65	-27
	75	-13	+2	-24	-15	-32	-4	-42	-55
52N		-11	+2	-18	-14	-10	-2	-10	-43
	25	-7	+4	-10	-17	0	+5	1	-11
	50	-3	+3	-1	-11	+1	0	1	12
	75	+2	+4	1	7	0	-3	-11	22
53N		-1	+2	-8	14	-11	+5	-21	19
	25	-7	+4	-13	7	-10	-1	-30	13
	50	-6	+3	-15	4	-20	+2	-34	-12
	75	-9	+1	-17	-2	-14	-2	-18	-35
54N		-8	+2	-13	-6	-4	0	1	-24
	25	-5	0	-11	-1	+5	+5	6	6
	50	-6	0	-12	0	+1	-2	-5	12
	75	-6	0	-11	-3	-6	0	-6	10
55N		-5	+2	-9	-5	0	+5	-15	20
	25	-4	0	-6	-5	-15	+2	-26	1
	50	-2	+1	-4	-1	-11	+5	-16	-21
	75	-2	+2	-5	-2	-5	0	-5	-16
56N		-3	0	-2	-7	0	+2	0	-7
	25	+1	0	2	4	0	0	2	-3
	50	+1	+2	-6	18	+2	+2	3	6
	75	-7	+4	-16	22	+1	-1	-4	28
57N		-9	-2	-28	22	-5	+1	-25	34
	25	-19	0	-38	9	-20	0	-38	13
	50	-19	0	-37	1	-18	+4	-38	3
	75	-18	0	-39		-20	0	-41	
58N		-21	0			-21	+1		

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L 38E									
48N		-33	-9	-60		-35	-2	-68	
	25	-27	-9	-46	-21	-33	-7	-67	-4
	50	-19	-5	-39	-7	-34	-9	-64	-12
	75	-20	-6	-39	-3	-30	-5	-55	-10
49N		-19	-8	-36	-14	-25	-4	-54	0
	25	-17	-1	-25	-24	-29	-2	-55	-5
	50	-8	+5	-12	-18	-26	+2	-49	-28
	75	-4	+7	-7	-3	-23	+1	-27	-35
50N		-3	+6	-9	14	-4	+5	-14	4
	25	-6	+4	-21	15	-10	+4	-31	29
	50	-15	-2	-24	-8	-21	-3	-43	12
	75	-9	-4	-13	-10	-22	+3	-43	-1
51N		-4	-1	-14	12	-21	-7	-42	-8
	25	-10	-2	-25	21	-21	-2	-35	-24
	50	-15	-4	-35	20	-14	-5	-18	-28
	75	-20	-4	-45	15	-4	-2	-7	-6
52N		-25	-3	-50	13	-3	-2	-12	21
	25	-25	-2	-58	9	-9	0	-28	26
	50	-33	-2	-59	-17	-19	-4	-38	12
	75	-26	+1	-41	-31	-19	-9	-40	2
53N		-15	+3	-28	-9	-21	+1	-40	-1
	25	-13	+2	-32	5	-19	+2	-39	8
	50	-19	+2	-33	-9	-20	-4	-48	14
	75	-14	0	-23	-14	-28	-1	-53	-10
54N		-9	-1	-19	-13	-25	-3	-38	-32
	25	-10	0	-10	-29	-13	-4	-21	-20
	50	0	+3	10	-30	-8	+4	-18	-6
	75	+10	+4	20	-9	-10	+6	-15	-22
55N		+10	+2	19	4	-5	0	4	-30
	25	+9	+2	16	3	+9	+5	15	-2
	50	+7	+5	16	-1	+6	-1	6	19
	75	+9	+3	17	-1	0	+1	-4	14
56N		+8	+2	17	-1	-4	0	-8	-1
	25	+9	-1	18	-8	-4	-1	-3	-3
	50	+9	0	25	-12	+1	+2	-5	7
	75	+16	0	30	2	-6	-1	-10	2
57N		+14	+4	23	16	-4	+7	-7	1
	25	+9	-1	14	15	-3	+5	-11	-1
	50	+5	+1	8	8	-8	+1	-6	-9
	75	+3	0	6		+2	-3	-2	
58N		+3	0			-4	+4		

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L 40E									
45N		-4	+6	-5		-23	-10	-38	
	25	-1	+9	-7	11	-15	-2	-34	2
	50	-6	+5	-16	11	-19	+1	-40	13
	75	-10	+2	-18	-6	-21	+1	-47	16
46N		-8	+2	-10	-10	-26	-2	-56	14
	25	-2	+1	-8	-1	-30	-3	-61	-6
	50	-6	-3	-9	2	-31	-9	-50	-23
	75	-3	+1	-10	6	-19	-4	-38	-10
47N		-7	+5	-15	3	-19	-3	-40	7
	25	-8	+4	-13	-10	-21	-2	-45	9
	50	-5	+2	-5	-6	-24	-5	-49	0
	75	0	+2	-7	15	-25	+4	-45	-6
48N		-7	+4	-20	23	-20	+2	-43	-3
	25	-13	+2	-30	18	-23	+3	-42	-4
	50	-17	+1	-38	15	-19	+1	-39	-4
	75	-21	+2	-45	7	-20	+7	-38	-11
49N		-24	0	-45	-7	-18	-2	-28	-15
	25	-21	-1	-38	-11	-10	-1	-23	-2
	50	-17	+1	-34	-4	-13	+4	-26	5
	75	-17	+1	-34	-11	-13	+4	-28	10
50N		-17	+3	-23	-23	-15	+8	-36	10
	25	-6	+4	-11	-16	-21	+10	-38	-17
	50	-5	-3	-7	-6	-17	-5	-19	-42
	75	-2	+3	-5	-5	-2	-7	4	-22
51N		-3	+1	-2	-3	+6	0	3	1
	25	+1	-2	-2	8	-3	-2	3	4
	50	-3	+1	-10	19	+6	+3	-1	24
	75	-7	-1	-21	25	-7	+2	-21	25
52N		-14	-8	-35	19	-14	-1	-26	3
	25	-21	-4	-40	5	-12	-1	-24	9
	50	-19	-5	-40	-7	-12	-2	-35	26
	75	-21	-4	-33	-21	-23	0	-50	2
53N		-12	0	-19	-20	-27	-2	-37	-28
	25	-7	-1	-13	-6	-10	+4	-22	-11
	50	-6	0	-13	3	-12	0	-26	4
	75	-7	+2	-16	11	-14	+2	-26	-10
54N		-9	-3	-24	16	-12	-1	-16	-23
	25	-15	-3	-32	18	-4	-2	-3	-11
	50	-17	-2	-42	22	+1	-1	-5	17
	75	-25	-1	-54		-6	+2	-20	
55N		-29	-1			-14	0		

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L 42E									
45N		-21	-2	-43		-58	-13	-98	
	25	-22	-1	-44	1	-40	-12	-75	-24
	50	-22	-1	-44	-5	-35	-8	-74	-3
	75	-22	-6	-39	-11	-39	-12	-72	-13
46N		-17	-8	-33	-8	-33	-8	-61	-15
	25	-16	-6	-31	5	-28	-3	-57	13
	50	-15	-1	-38	14	-29	-7	-74	22
	75	-23	+5	-45	3	-45	-4	-79	35
47N		-22	+2	-41	-7	-34	-2	-109	16
	25	-19	0	-38	-9	-75	-3	-95	-76
	50	-19	-1	-32	-15	-20	-5	-33	-65
	75	-13	-1	-23	-19	-13	-5	-30	1
48N		-10	-1	-13	-13	-17	-5	-34	5
	25	-3	-1	-10	5	-17	-2	-35	6
	50	-7	-2	-18	13	-18	-7	-40	4
	75	-11	-1	-23	6	-22	-2	-39	-10
49N		-12	-2	-24	1	-17	+3	-30	-11
	25	-12	-3	-24	6	-13	-4	-28	1
	50	-12	-3	-30	14	-15	+2	-31	3
	75	-18	+2	-38	11	-16	+1	-31	-6
50N		-20	+2	-41	-5	-15	+3	-25	-6
	25	-21	-4	-33	-6	-10	-8	-25	5
	50	-12	0	-35	13	-15	-4	-30	4
	75	-23	+2	-46	9	-15	0	-29	1
51N		-23	+3	-44	-8	-14	-1	-31	2
	25	-21	+2	-38	-14	-17	0	-31	-1
	50	-17	0	-30	-12	-14	0	-30	-1
	75	-13	+2	-26	2	-16	+1	-30	3
52N		-13	0	-32	9	-14	+2	-33	15
	25	-19	-2	-35	7	-19	0	-45	12
	50	-16	+2	-39	23	-26	0	-45	4
	75	-23	0	-58	20	-19	-2	-49	22
53N		-35	-3	-59	-8	-30	-6	-67	25
	25	-24	-4	-50	-12	-37	-1	-74	-7
	50	-26	-4	-47	-10	-37	0	-60	-38
	75	-21	-2	-40	-20	-23	-2	-36	-32
54N		-19	-6	-27	-21	-13	-1	-28	-8
	25	-8	-2	-19	-6	-15	-4	-28	-2
	50	-11	-5	-21	-6	-13	-4	-26	-5
	75	-10	-8	-13		-13	-4	-23	
55N		-3	0			-10	-1		

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L44E									
45N		-19	0	-36		-28	-10	-46	
	25	-17	4	-31	-12	-18	0-	-37	-1
	50	-14	+4	-24	-12	-19	6	-45	17
	75	-10	0	-19	-6	-26	0-	-54	8
46N		-9	0	-18	-7	-28	-5	-53	-5
	25	-9	-6	-12	-17	-25	-4	-49	-5
	50	-3	-3	-1	-17	-24	-3	-48	-30
	75	+2	+1	5	-4	-24	0	-19	-46
47N		+3	+2	3	8	+5	+1	-2	0
	25	0	0	-3	19	-7	-3	-19	30
	50	-3	+1	-16	33	-12	0	-32	24
	75	-13	+6	-36	35	-20	-4	-43	9
48		-23	+6	-51	21	-23	-4	-41	2
	25	-28	+5	-57	1	-18	0	-45	10
	50	-29	+8	-52	-13	-27	+2	-51	4
	75	-23	+4	-44	-13	-24	0	-49	2
49		-21	+2	-39	-11	-25	-4	-53	-1
	25	-18	+2	-33	-7	-28	-6	-48	-18
	50	-15	0	-32	-2	-20	0	-35	-16
	75	-17	0	-31	-4	-15	+3	-32	-5
50N		-14	-2	-28	-2	-17	2	-30	-6
	25	-14	-2	-29	1	-13	-3	-26	-4
	50	-15	-3	-29	2	-13	-2	-26	-4
	75	-14	-2	-31	8	-13	-3	-22	-6
51N		-17	-1	-37	14	-9	-4	-20	6
	25	-20	-2	-45	8	-11	+2	-28	12
	50	-25	-5	-45	-7	-17	-8	-32	-1
	75	-20	-2	-38	-20	-15	-10	-27	-8
52N		-18	-3	-25	-21	-12	-5	-24	7
	25	-7	-4	-17	-17	-12	-1	-34	6
	50	-10	-2	-8	-23	-22	+1	-30	-31
	75	+2	-2	6	1	-8	-3	-3	-27
53N		+4	+3	-9	21	+5	-2	-3	13
	25	-13	0	-15	-4	-8	0	-16	12
	50	-2	-1	-5	-6	-8	+2	-15	-5
	75	-3	-1	-9	8	-7	+2	-11	4
54N		-6	0	-13	17	-4	+1	-19	22
	25	-7	+2	-26	18	-15	+3	-33	11
	50	-19	+4	-31	2	-18	+4	-30	-5
	75	-12	+1	-28		-12	-1	-28	
55N		-16	0			-16	-1		

B PROPERTY 2002 VLF - EM DATA

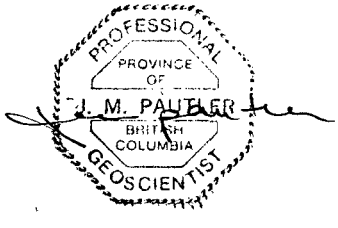
Station	Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L 52E								
47450N	-15	+1	-35		-10	+2	-31	
75	-20	+1	-35	1	-21	0	-41	14
48N	-15	-3	-36	10	-20	-2	-45	-1
25	-21	-3	-45	8	-25	-2	-40	-23
50	-24	0	-44	-3	-15	-2	-22	-19
75	-20	-1	-42	9	-7	0	-21	12
49N	-22	0	-53	10	-14	-4	-34	11
25	-31	+1	-52	-16	-20	+2	-32	-10
50	-21	0	-37	-18	-12	0	-24	5
75	-16	0	-34	0	-12	+2	-37	20
50N	-18	-1	-37	16	-25	+2	-44	5
25	-19	0	-50	19	-19	+2	-42	-9
50	-31	+1	-56	-6	-23	0	-35	-20
75	-25	-2	-44	-25	-12	-3	-22	-16
51N	-19	-2	-31	-19	-10	-8	-19	-2
25	-12	-2	-25	-2	-9	-2	-20	5
50	-13	-1	-29	11	-11	+1	-24	12
75	-16	0	-36	16	-13	+2	-32	14
52N	-20	+1	-45	11	-19	+2	-38	7
25	-25	+1	-47		-19	+2	-39	
50	-22	-2			-20	0		
L 53E								
+ 50	-9	0	-16		-13	0	-27	
75	-7	-2	-19	4	-14	0	-32	-1
48N	-12	-2	-20	-1	-18	+4	-26	-15
25	-8	-2	-18	0	-8	0	-17	-8
50	-10	-1	-20	2	-9	-2	-18	3
75	-10	-1	-20	4	-9	-1	-20	5
49N	-10	-1	-24	14	-11	0	-23	8
25	-14	0	-34	16	-12	-1	-28	8
50	-20	-1	-40	6	-16	-5	-31	7
75	-20	0	-40	3	-15	-2	-35	10
50N	-20	0	-43	-3	-20	+2	-41	4
25	-23	-2	-37	-5	-21	+3	-39	-5
50	-14	-11	-38	9	-18	-3	-36	-3
75	-24	-1	-46	5	-18	-2	-36	-8
51N	-22	-1	-43	1	-18	-1	-28	-10
25	-21	-2	-47	13	-10	-2	-26	4
50	-26	+4	-56	-2	-16	+1	-32	-4
75	-30	+4	-45	-25	-16	+1	-22	-17
52N	-15	-3	-31	-7	-6	-5	-15	7
25	-16	0	-38		-9	-2	-29	
50	-22	-2			-20	-3		

B PROPERTY 2002 VLF - EM DATA

Station		Seattle In Phase	Quad	Sums	Diffs (-)	Maine In Phase	Quad	Sums	Diffs (-)
L54E									
47 -50		-10	-2	-19		-11	-1	-18	
	75	-9	-3	-18	-2	-7	+1	-16	1
48N		-9	-1	-17	7	-9	+4	-19	-2
	25	-8	-1	-25	13	-10	-1	-14	1
	50	-17	-1	-30	3	-4	-5	-20	25
	75	-13	+1	-28	-4	-16	0	-39	19
49N		-15	-3	-26	-2	-23	+5	-39	-6
	25	-11	-3	-26	9	-16	-4	-33	-2
	50	-15	-1	-35	11	-17	0	-37	5
	75	-20	+2	-37	-5	-20	0	-38	-1
50N		-17	+2	-30	-15	-18	-3	-36	-5
	25	-13	0	-22	-12	-18	+2	-33	-9
	50	-9	-2	-18	-6	-15	+1	-27	-13
	75	-9	-2	-16	-2	-12	-1	-20	-16
51N		-7	0	-16	4	-8	-1	-11	-17
	25	-9	-2	-20	6	-3	-3	-3	-8
	50	-11	+1	-22	1	0	-2	-3	8
	75	-11	0	-21	-6	-3	+1	-11	13
52N		-10	0	-16	-10	-8	+3	-16	3
	25	-6	0	-11		-8	+3	-14	
	50	-5	-1			-6	+2		
L 55E									
47 -50		-18	-3	-37		-20	-2	-47	
	75	-19	-3	-42	5	-27	-2	-53	11
48N		-23	-3	-42	0	-26	-2	-58	9
	25	-19	-3	-42	-3	-32	0	-62	-8
	50	-23	0	-39	-17	-30	+2	-50	-24
	75	-16	0	-25	-25	-20	+1	-38	-17
49N		-9	-2	-14	-16	-18	+3	-33	-17
	25	-5	-2	-9	-9	-15	+4	-21	-22
	50	-4	-2	-5	-8	-6	+3	-11	-13
	75	-1	-2	-1	-5	-5	+2	-8	-3
50N		0	-2	0	-1	-3	-1	-8	3
	25	0	-3	0	0	-5	-5	-11	0
	50	0	-1	0	-4	-6	-2	-8	-14
	75	0	0	4	-9	-2	+1	3	-21
51N		+4	+1	9	-4	+5	0	13	-13
	25	+5	+1	8	9	+8	0	16	7
	50	+3	-1	0	8	+8	+2	6	17
	75	-3	-1	0	-7	-2	+1	-1	3
52N		+3	-1	7	-5	+1	+3	3	-7
	25	+4	0	5		+2	-1	6	
	50	+1	+2			+4	+4		

APPENDIX IV - Statement of Expenditures

Wages:	J. Pautler	13 days @ 400.00/day	$5,200.00	
	A. Berdahl	12 days @ 190.00/day	2,280.00	
		Total: 25 man-days		**$ 7,480.00**
Preparation				**400.00**
Geochemistry:	38 rocks	Au, ICP		
	7 soils	Au, ICP		
	11 stream sediments	Au, ICP		
	5 rock assays	Au, Ag, Pb, Zn		
		Total: (includes shipping)		**$1,356.90**
Equipment Rental:	Truck 13 days @ 50./day		650.00	
	ATV 10 days @ 40./day		400.00	
	ATV trailer		44.56	
	VLF		140.00	
		Total:		**1,234.56**
Accommodation:	25 man-days			**926.25**
Meals and Groceries:	25 man-days			**354.57**
Field Supplies:	(flagging tape, thread, sample bags) 25 man-days @ 15./md			**375.00**
Transportation:				**574.38**
Maps & Prints:				**250.00**
Report & Drafting:				**$ 2,500.00**
GRAND TOTAL:				**$ 15,451.66**
Total Amount Applied for Assessment				**$ 15,000.00**



APPENDIX V

STATEMENT OF QUALIFICATION

I, Jean Marie Pautler, do hereby certify that:

I am a geologist with more than twenty years of experience.

I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980).

I am a Professional Geoscientist, registered in the province of British Columbia.

I supervised and implemented the 2002 exploration program on the B property between May 31 and June 12, 2002.

I have no direct or indirect interest in the B property, which is the subject of this report.

Jean Pautler, P.Geo.
JP Exploration Services Inc.

Costs associated with this report have been approved in the amount of $ 7000.00 for assessment credit under Certificate of Work No. YM00395 & QM00570

Mining Recorder
Mayo Mining District