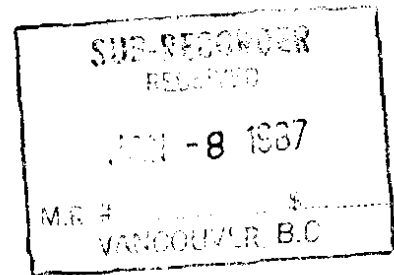


86-883-15450



GEOLOGICAL MAPPING

Specific Claims: Senicar 1, #1707
Senicar 2, #1713

Mining Division: Clinton

Specific NTS Location: ~~068 15W~~ 92P/15W
55.2'

Latitude: 51° 61' North

Longitude: 120° 48' West

Owner of Claims: Eastfield Resources Ltd.

Operator: Eastfield Resources Ltd.

Author of Report: J. W. Morton

Date Submitted: January, 1987

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,450

FILMED

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FIGURE 1

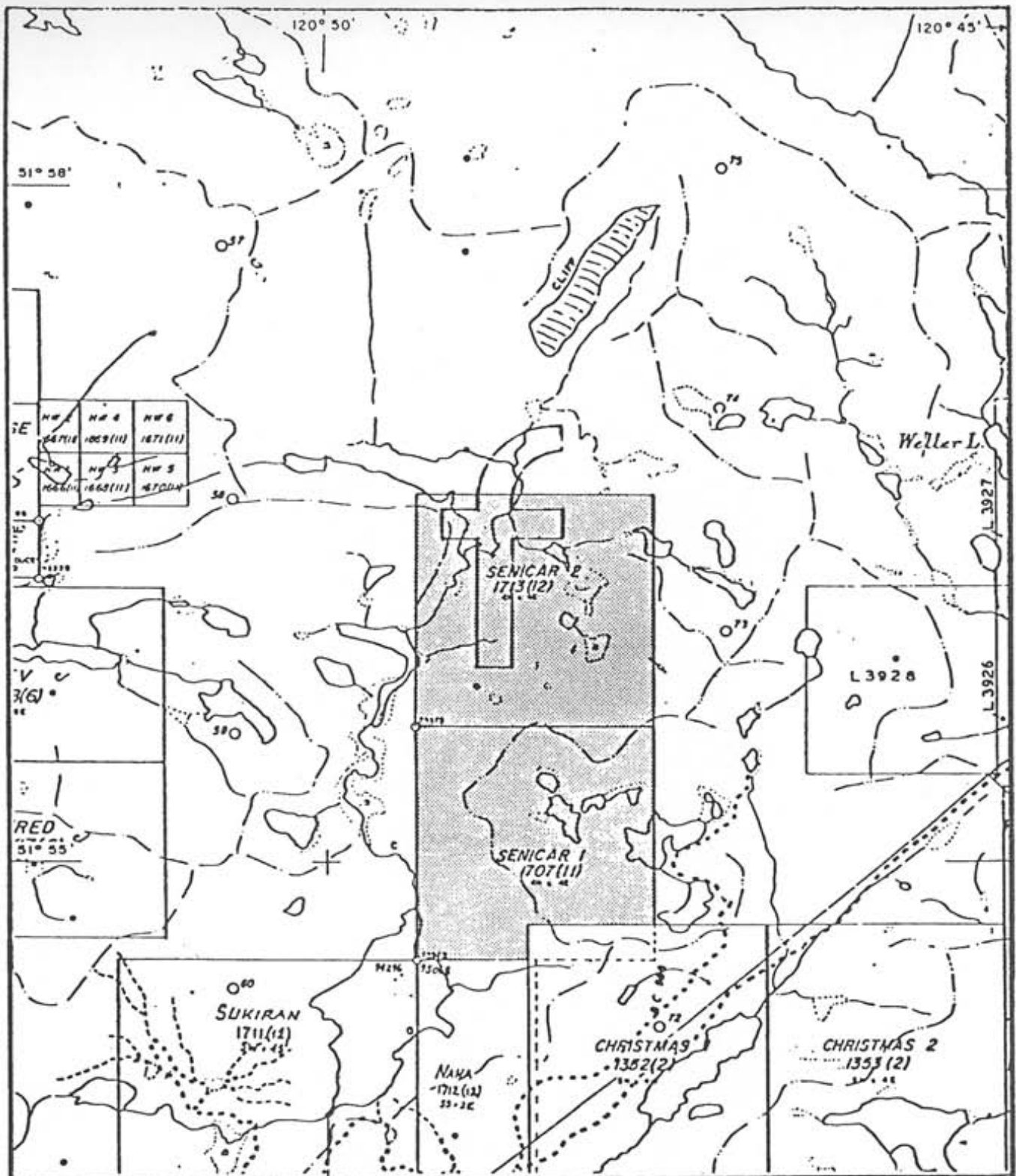
N.T.S. 92P

LOCATION MAP



SCALE 1:250 000
DATE: DECEMBER 1984

GEOLOGIST: W. MORTON
DRAWN BY: S. HAWORTH



| | | |
|---------|---------|---------|
| H 1 | H 4 | H 6 |
| 1671(1) | 1669(1) | 1671(1) |
| H 2 | H 3 | H 5 |
| 1669(1) | 1669(1) | 1670(1) |

V
3(6)
RED
51° 55'

Senicar 1 1707(1)
Senicar 2 1713(2)
Clinton Mining Division - B.C.

SENICAR

FIGURE 2 N.T.S. 92P/15W

CLAIM MAP

Km 1 0 1 2 Km

| | |
|---------------------|----------------------|
| SCALE 1: 50 000 | GEOLOGIST: W. MORTON |
| DATE: DECEMBER 1984 | DRAWN BY: S. HAWORTH |

Location and Physiographic Position:

The Senicar Mineral Claims are located 48 kilometers northeast of the city of 100 Mile House, B. C. The claims are accessible via the paved Boss Mountain Road to Eagle Creek and then by the Lang Lake Forest access road to the the property.

The climatic type occurring on the claims is that of a wet coniferous interior forest. Mature vegetation includes Douglas fir, spruce and cedar. Topography is undulating with elevations varying between 1,000m and 1,100m (3,300 ft and 3,600 ft). Soils occurring on the claims are generally coarse textured Brunisolic types.

Property Definition

Oceanically derived mafic volcanics (andesites to basalts) occur with related volcanoclastic sediments and intercalated argillaceous sediments. Within the current grid area hornfelsic alteration has affected both volcanic and clastic rocks. An equigranular diorite intrusive occurs in the northeastern region of the grid area and is probably related to the hornfelsic alteration. Quartz-carbonate stockwork veining occurs in the hornfelsic zone.

A gold-copper mineralized hornfelsic occurs approximately 4.5 kilometers southeast of the grid area on claims owned by Mascot Gold Mines Ltd.

Within the Senicar Grid strong arsenic and copper soil anomalies occur in association with weaker soil gold anomalies.

Previous Work Completed and Filed for Assessment Work Credits

Reconnaissance Geochemical Report 1984.
Soil Geochemical Report 1984.
Soil Geochemical Report 1985.

Summary of Work Completed

An area of approximately 250 meters by 500 meters was mapped in detail. A total of fourteen rock samples were collected and were analysed using multi-element inductively coupled plasma (I.C.P.) techniques. All work completed was within the Senicar 1 claim.

Lithological Descriptions

L3N 0+00E Mafic rich fine grained rock
Classification: Andesite to basalt

L3N 0+75E Hornblende felspar porphyry
Classification: Andesite to basalt

L3N 1+00E Andesite - basalt with prominent
jointing developed at 320° 090°
Classification: Andesite basalt

L3N 1+20E Classification: Andesite - basalt

L3N 1+75E Classification: Andesite - basalt

L3N 2+00E Hornfelses andesite with 5% sulfides
Classification: Hornfelse

L3N 2+70E Hornfelses volcanic with stockwork veining,
hard (sample 86-SC-R-1)
Classification: Hornfelse

L3N(+20N) Hornfelses volcanic with stockwork veining,
3+08E hard (sample 86-SC-R-2)
Classification: Hornfelse

L3N(+27N) Fine grained dark hornfelse, maybe after
3+30E volcanoclastic (sample 86-SC-R-3)
Classification: Hornfelse

L3N(+33N) Fine grained pyritic hornfelse, may have
3+25E been volcanoclastic (sample 86-SC-R-4)
Classification: Hornfelse

L3N 3+25E Siliceous hornfelse, almost cherty, white
domains and green domains (sample 86-SC-R-5)
Classification: Hornfelse

L3N 3+67E Medium grained grey hornfelse with stockwork
veining
Classification: Hornfelse

L3N 3+93E Hornfelses mafic volcanic
Classification: Hornfelse

L3N 4+06E Hornfelses siltstone
Classification: Hornfelse

Lithological Descriptions - cont'd

| | |
|-----------|---|
| L4N 0+75E | Fine grained mafic volcanic, minor epidote Classification: Andesite - Basalt |
| L4N 1+10E | Fine grained mafic volcanic Classification: Andesite - Basalt |
| L4N 1+75E | Fine grained hornblende - feldspar porphyry Classification: Andesite - Basalt |
| L4N 2+00E | Classification: Andesite - Basalt |
| L4N 2+25E | Classification: Andesite - Basalt |
| L4N 2+44E | Hornblende - feldspar porphyry Classification: Andesite - Basalt |
| L4N 3+63E | Grey hornfelse with stockwork veining Shear 140° 75° SW, (sample 86-SC-R-6) Classification: Hornfelse |
| L4N 4+06E | Hornfelse, after siltstone Classification: Hornfelse |
| L4N 4+45E | Hornfelse, after fine grained clastic rock, pyritic Classification: Hornfelse |
| L5N 1+00E | Hornblende - feldspar porphyry Classification: Andesite - Basalt |
| L5N 1+25E | Classification: Andesite - Basalt |
| L5N 1+70E | Hornfelse developed in green volcanic, well developed stockwork veining (sample 86-SC-R-7) Classification: Hornfelse |
| L5N 1+75E | Hornblende - feldspar porphyry, brecciated Classification: Andesite - Basalt |
| L5N 2+94E | Classification: Andesite - Basalt |
| L5N 4+00E | Andesite - basalt in contact with hornfelse (sample 86-SC-R-8) Classification: Contact between Andesite-Basalt and Hornfelse |
| L5N 4+25E | Hornfelse developed in fine grained volcanic or volcanoclastic, strike 160° dip 85° SW Classification: Hornfelse |

Lithological Descriptions - cont'd

L5N 4+50E Classification: Hornfelse

L5N 4+55E Hornfelse with intense carbonate stockwork
veining, veins striking 115° dipping 60° S
(sample 86-SC-9)
Classification: Hornfelse

L6N 1+12E Green volcanic with minor chalcopyrite and
pyrite within gash veins
Classification: Andesite - Basalt

L6N 2+20E Classification: Andesite - Basalt

L6N 2+70E Classification: Andesite - Basalt

L6N 4+12E Hornfelse developed in green volcanic
Classification: Hornfelse

L6N (+12mn)
4+48E Calc silicate with disseminatal sulfides
including chalcopyrite at the bottom of a
hill, trend NS, (sample 86-SC-10)
Classification: Carbonate Sclarn

L6N 4+94E Hornfelse developed in volcanic
Classification: Hornfelse

7N 0E Plagioclase porphyry, euhedral plagioclase
phenocrysts to 5mm in an aphanitic dark matrix,
minor magnetite
Classification: Andesite to Basalt

L7N 1+85E Hornblende - feldspar porphyry
Classification: Andesite - Basalt

L7N 2+85E Green volcanic
Classification: Andesite - Basalt

L7N 3+25E Hornfelse developed in green volcanic
Classification: Hornfelse

L7N 3+55E Very hard hornfelse (sample 86-SC-14)
Classification: Hornfelse

L7N 3+85E Hornfelsesd volcanic
Classification: Hornfelse

L7N 4+00E Hornfelsesd volcanic
Classification: Hornfelse

Lithological Descriptions - cont'd

L7N 5+00E Hornfelsed volcanic
 Classification: Hornfelse

L7N 5+50E Carbonate rich slightly hornfelsed volcanic
 Classification: Hornfelse

L7N (+10mn) 5+75E Hornfelsed volcanics (sample 86-SC-13)
 Classification: Hornfelse

L8N 0+40E Hornblende - feldspar porphyry
 Classification: Andesite - Basalt

L8N 0+75E Tuffaceous andesite - dacite
 Classification: Andesite

L8N 1+50E Hornblende - feldspar porphyry
 Classification: Andesite - Basalt

L8N (+25ms) 3+07E Hornblende - feldspar porphyry
 Classification: Andesite - Basalt

L8N (+05ms) 4+50E Hornblende - feldspar porphyry
 Classification: Andesite - Basalt

L8N (+27ms) 4+50E Hornblende - feldspar porphyry
 Classification: Andesite - Basalt

L8N 4+56E Siliceous zone, possibly calc-silicate
 scarn, minor sulfides, trending 055° 80° SE
 (sample 86-SC-11)
 Classification: Hornfelse

L8N 5+00E Sheared and broken volcanic
 Classification: Andesite - Basalt

L8N (+20ms) 5+25E Hornblende - felspar porphyry
 Classification: Hornblende - feldspar porphyry

L8N (+13ms) 5+75E Equigranular magnetite rich diorite
 (sample 86-SC-12)
 Classification: Diorite

| Sample # | Sample Location | Sample Type | gold ppb | arsenic ppm | copper ppm |
|------------|-----------------|-------------------|-------------|----------------|---------------|
| 86-SC-R-1 | L3N 2+70E | Hornfelse (2a) | 2 | 8 | 92 |
| 86-SC-R-2 | L3N(+20N) 3+08E | Hornfelse (2a) | 2 | 12 | 101 |
| 86-SC-R-3 | L3N(+27N) 3+30E | Hornfelse (2b) | 1 | 4 | 154 |
| 86-SC-R-4 | L3N(+33N) 3+25E | Hornfelse (2b) | 2 | 8 | 163 |
| 86-SC-R-5 | L3N 3+25E | Hornfelse (2b) | 2 | 7 | 69 |
| 86-SC-R-6 | L4N 3+63E | Hornfelse (2b) | 6 | 100 | 376 |
| 86-SC-R-7 | L5N 1+70E | Hornfelse (2b) | 2 | 29 | 72 |
| 86-SC-R-8 | L5N 4+00E | Contact Area (2b) | 9 | 492 | 84 |
| 86-SC-R-9 | L5N 4+55E | Hornfelse (2b) | 1 | 16 | 11 |
| 86-SC-R-10 | L6N(+12N) 4+48E | Scarn (2c) | 25 | 28 | 1103 |
| 86-SC-R-11 | L8N 4+56E | Scarn (2c) | 1 | 205 | 6 |
| 86-SC-R-12 | L8N+13S 5+75E | Diorite (3) | 4 | 2 | 277 |
| 86-SC-R-13 | L7N(+10N) 5+75E | Hornfelse (2a) | 4 | 31 | 319 |
| 86-SC-R-14 | L7N 3+55E | Hornfelse (2a) | 6 | 2 | 76 |
| CB-P-50 | L5N(+18N) 4+80E | 1983 Soil Sample | 506 | 1467 | 185 |

Summary of Costs

| | | |
|--|------------------------|-----------------|
| Manpower: J. W. Morton, Aug 14, Aug 17, Aug 18, Oct 11, Oct 15, 1986 | 5 days @ \$200/day | \$ 1,000 |
| Meals and Accommodations | 4 days @ \$ 50/day | 200 |
| Vehicle Costs | 1400 km @ \$0.25/km | 350 |
| Analytical Costs | 14 samples @ \$14/each | 196 |
| Report Preparation | | <u>500</u> |
| | | \$ <u>2,246</u> |

Author's Qualifications

I, JAMES W. MORTON, CERTIFY THE FOLLOWING:

I graduated from Carleton University in 1971 with a Bachelor of Science in Geology.

I graduated from the University of British Columbia in 1976 with a Master of Science in Soil Science.

I have worked for various mining and exploration companies since 1969.

I supervised the work described in this report.



J. W. Morton,
Geologist, F.G.A.C.

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, Ni, SI, ZR, CE, SM, Y, ND AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 21 1986 DATE REPORT MAILED: *Aug 27/86* ASSAYER: *D. Joyce* DEAN TOYE, CERTIFIED B.C. ASSAYER.

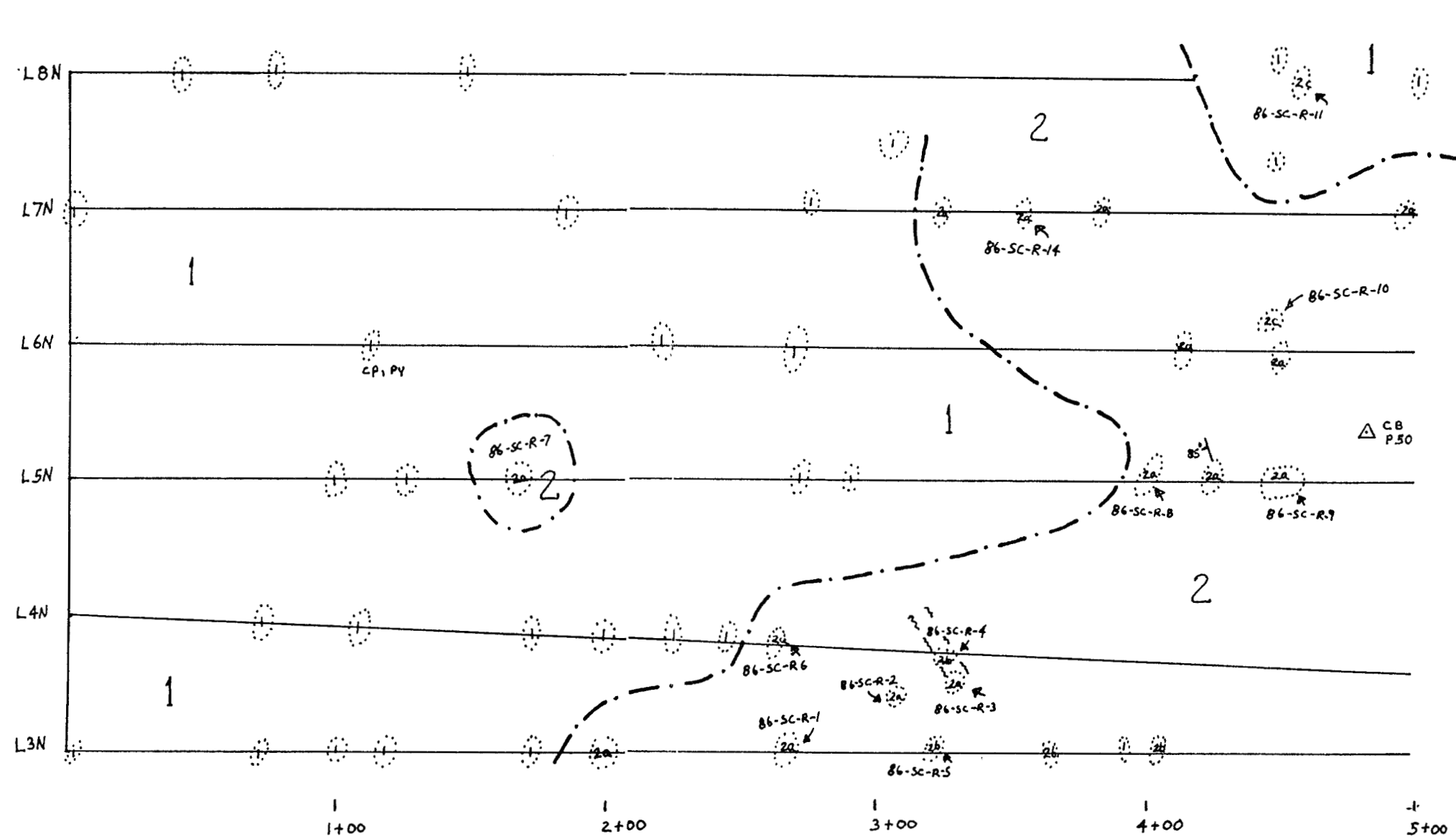
Senican

| SAMPLED | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | X | Au | Hg |
|--------------|-----|------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|-----|-----|------|-----|-----|-----|------|-----|------|-----|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM |
| WR-7 | 1 | 50 | 10 | 42 | .1 | 1 | 3 | 347 | 1.69 | 24 | 5 | ND | 1 | 31 | 1 | 2 | 3 | 5 | .85 | .069 | 11 | 2 | .26 | 74 | .01 | 2 | .64 | .08 | .10 | 1 | 2 | |
| WR-8 | 1 | 58 | 8 | 79 | .2 | 20 | 16 | 402 | 4.00 | 1057 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 34 | .17 | .029 | 7 | 16 | .71 | 41 | .01 | 2 | 1.54 | .04 | .13 | 1 | 4 | |
| WR-9 | 1 | 27 | 8 | 109 | .1 | 4 | 13 | 1152 | 5.38 | 27 | 5 | ND | 1 | 15 | 1 | 8 | 2 | 45 | .28 | .112 | 2 | 5 | .12 | 46 | .01 | 12 | .71 | .02 | .09 | 1 | 1 | |
| WR-11 | 570 | 839 | 2 | 66 | 2.0 | 14 | 14 | 378 | 2.84 | 36 | 5 | ND | 1 | 72 | 1 | 2 | 2 | 42 | 1.17 | .064 | 6 | 21 | .87 | 52 | .01 | 2 | 1.03 | .03 | .06 | 1 | 24 | |
| WR-11A | 17 | 412 | 8 | 47 | .4 | 10 | 25 | 379 | 3.02 | 6 | 5 | ND | 2 | 72 | 1 | 2 | 2 | 63 | 1.24 | .073 | 8 | 29 | 1.01 | 51 | .01 | 5 | 1.17 | .04 | .07 | 1 | 4 | |
| WR-13 | 9 | 122 | 9 | 45 | .3 | 12 | 12 | 444 | 2.44 | 19 | 5 | ND | 2 | 119 | 1 | 2 | 2 | 29 | 2.65 | .073 | 8 | 16 | .98 | 69 | .01 | 2 | 1.17 | .02 | .14 | 1 | 2 | |
| WR-14 | 1 | 87 | 8 | 63 | 2.6 | 9 | 13 | 1571 | 4.56 | 322 | 8 | ND | 4 | 56 | 1 | 21 | 2 | 61 | 11.47 | .025 | 2 | 7 | 1.28 | 17 | .01 | 3 | .43 | .01 | .10 | 1 | 58 | |
| B6-SC-8 | 1 | 84 | 5 | 10 | .2 | 9 | 16 | 456 | 2.26 | 492 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 141 | 6.60 | .155 | 2 | 4 | 1.31 | 34 | .13 | 2 | 1.29 | .01 | .08 | 2 | 9 | |
| B6-SC-9 | 1 | 11 | 8 | 42 | .1 | 9 | 10 | 1088 | 4.55 | 16 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 128 | 4.45 | .095 | 2 | 11 | 1.84 | 19 | .07 | 4 | 2.10 | .03 | .04 | 1 | 1 | |
| B6-SC-10 | 1 | 1103 | 7 | 27 | .5 | 28 | 12 | 633 | 4.27 | 28 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 182 | 4.47 | .091 | 2 | 86 | 2.83 | 36 | .14 | 7 | 2.23 | .02 | .12 | 1 | 25 | |
| B6-SC-R-1 | 1 | 92 | 10 | 56 | .1 | 29 | 22 | 758 | 3.57 | 8 | 5 | ND | 1 | 60 | 1 | 2 | 2 | 94 | 2.22 | .071 | 2 | 50 | 2.03 | 38 | .18 | 8 | 2.40 | .20 | .08 | 1 | 2 | |
| B6-SC-R-2 | 1 | 101 | 8 | 51 | .1 | 28 | 20 | 693 | 3.42 | 12 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 100 | 1.81 | .073 | 2 | 36 | 1.84 | 84 | .17 | 9 | 2.11 | .27 | .26 | 1 | 2 | |
| B6-SC-R-3 | 1 | 154 | 11 | 30 | .1 | 19 | 25 | 459 | 4.98 | 4 | 5 | ND | 1 | 121 | 1 | 2 | 2 | 134 | 1.28 | .182 | 2 | 21 | 1.52 | 127 | .22 | 10 | 2.36 | .18 | 1.05 | 1 | 1 | |
| B6-SC-R-4 | 5 | 163 | 7 | 48 | .1 | 21 | 23 | 560 | 3.88 | 8 | 5 | ND | 1 | 77 | 1 | 2 | 2 | 185 | 1.22 | .183 | 2 | 18 | 1.41 | 278 | .23 | 10 | 1.98 | .15 | .85 | 1 | 2 | |
| B6-SC-R-5 | 1 | 69 | 6 | 69 | .1 | 40 | 19 | 596 | 4.15 | 7 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 184 | 1.22 | .094 | 2 | 109 | 1.63 | 262 | .17 | 11 | 2.23 | .08 | .96 | 1 | 2 | |
| B6-SC-R-6 | 2 | 376 | 6 | 49 | .4 | 17 | 37 | 971 | 4.49 | 100 | 6 | ND | 3 | 73 | 1 | 2 | 12 | 136 | 4.63 | .185 | 4 | 56 | 2.50 | 19 | .13 | 14 | 2.13 | .05 | .04 | 1 | 6 | |
| B6-SC-R-7 | 1 | 72 | 21 | 76 | .3 | 35 | 22 | 616 | 3.44 | 29 | 5 | ND | 1 | 90 | 1 | 2 | 2 | 88 | 2.26 | .083 | 2 | 44 | 1.86 | 150 | .16 | 13 | 2.76 | .38 | .41 | 1 | 2 | |
| STD C/MJ-0.5 | 21 | 57 | 36 | 137 | 7.0 | 68 | 36 | 1182 | 3.91 | 42 | 19 | 8 | 32 | 47 | 18 | 15 | 21 | 62 | .47 | .185 | 36 | 60 | .87 | 174 | .09 | 40 | 1.71 | .06 | .13 | 13 | 180 | |
| B6-SC-11 | 1 | 6 | 3 | 32 | .1 | 12 | 17 | 1071 | 3.94 | 295 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 149 | 9.48 | .070 | 5 | 21 | 2.16 | 25 | .18 | 4 | 1.99 | .02 | .06 | 1 | 1 | 5 |
| B6-SC-12 | 1 | 277 | 12 | 65 | .2 | 25 | 29 | 942 | 6.28 | 2 | 5 | ND | 3 | 48 | 1 | 2 | 2 | 210 | 3.21 | .105 | 12 | 43 | 2.31 | 218 | .31 | 7 | 2.21 | .05 | .27 | 1 | 4 | 10 |
| B6-SC-13 | 1 | 319 | 2 | 52 | .4 | 42 | 16 | 898 | 5.08 | 31 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 132 | 1.26 | .116 | 4 | 110 | 2.12 | 153 | .22 | 26 | 2.37 | .05 | .81 | 1 | 4 | 10 |
| B6-SC-14 | 1 | 76 | 19 | 56 | .1 | 13 | 16 | 642 | 3.50 | 2 | 5 | ND | 1 | 62 | 1 | 2 | 2 | 151 | 2.59 | .172 | 5 | 26 | 1.70 | 143 | .20 | 10 | 2.46 | .30 | .39 | 1 | 6 | 5 |

GEOLOGY SENICAR CLAIM

GEOLOGICAL BRANCH
ASSESSMENT REPORT


15,450



Legend

- 3: Diorite, equigranular and with magnetite.
- 2a: Hornfelse, developed in green volcanic, hard and with some quartz-carbonate veinlets.
- 2b: Hornfelse, developed in siltstone or cherty unit.
- 2c: Scarn, calc-silicate.
- 1: Andesite to Basalt, plagioclase and amphibole phenocrysts in aphanitic grey-green groundmass.

 Geological Contact

 Shear Zone

(Legend Corner Post Senicar 1 1200 meters at 220' from L3N 0+00E)

