

84-1058-13098

9/10

GEOLOGICAL, GEOCHEMICAL AND PHYSICAL
REPORT ON THE DEW GROUP
CASSIAR DISTRICT
LIARD MINING DIVISION

OWNER: ERICKSON GOLD MINING CORP.
OLIVER LECKIE
TROUTLINE CREEK GOLD LTD.

OPERATOR: ERICKSON GOLD MINING CORP.

WORK DONE ON: AJAX 2 (1 unit)
ARGOLD 1 (20 units)
ARGOLD 2 (20 units)
BOZO (2 units)
LULU 2 (16 units)
MOUNTAIN DEW (20 units)

WORK PERFORMED: JUNE 15 - AUG. 23, 1984

LOCATED: NTS 104P/5E
59° 18' N
129° 22' N

BY: M. Ball, M.Sc. **BRANCH REPORT**
of R. Somerville, P. Eng.

DATE: November 15, 1984.

Dew Group 104P/5E
Geological, Geochemical and
Physical Report

13,098

TABLE OF CONTENTS

	<u>Page No.</u>	
1.0	Claim Record	3
2.0	Introduction	6
3.0	Location and Access	6
4.0	Topography and Vegetation	6
5.0	History	7
6.0	Summary of Work	7
7.0	Purpose	8
8.0	Geology and Mineralization	8
9.0	Trenching	10
10.0	Chip Sample Results	10
11.0	Soil Geochemistry	11
11.1	Field Procedures	11
11.2	Laboratory Procedures	11
11.3	Statistical Analysis	14
11.4	Interpretation	25
12.0	Conclusions	26
13.0	Statement of Costs	27
14.0	Statement of Qualifications	28
Appendix A	Chip Sample Assay Certificates	
	B Erickson Assay Procedure and Certification	
	C Soil Geochemistry Analysis Certificates	

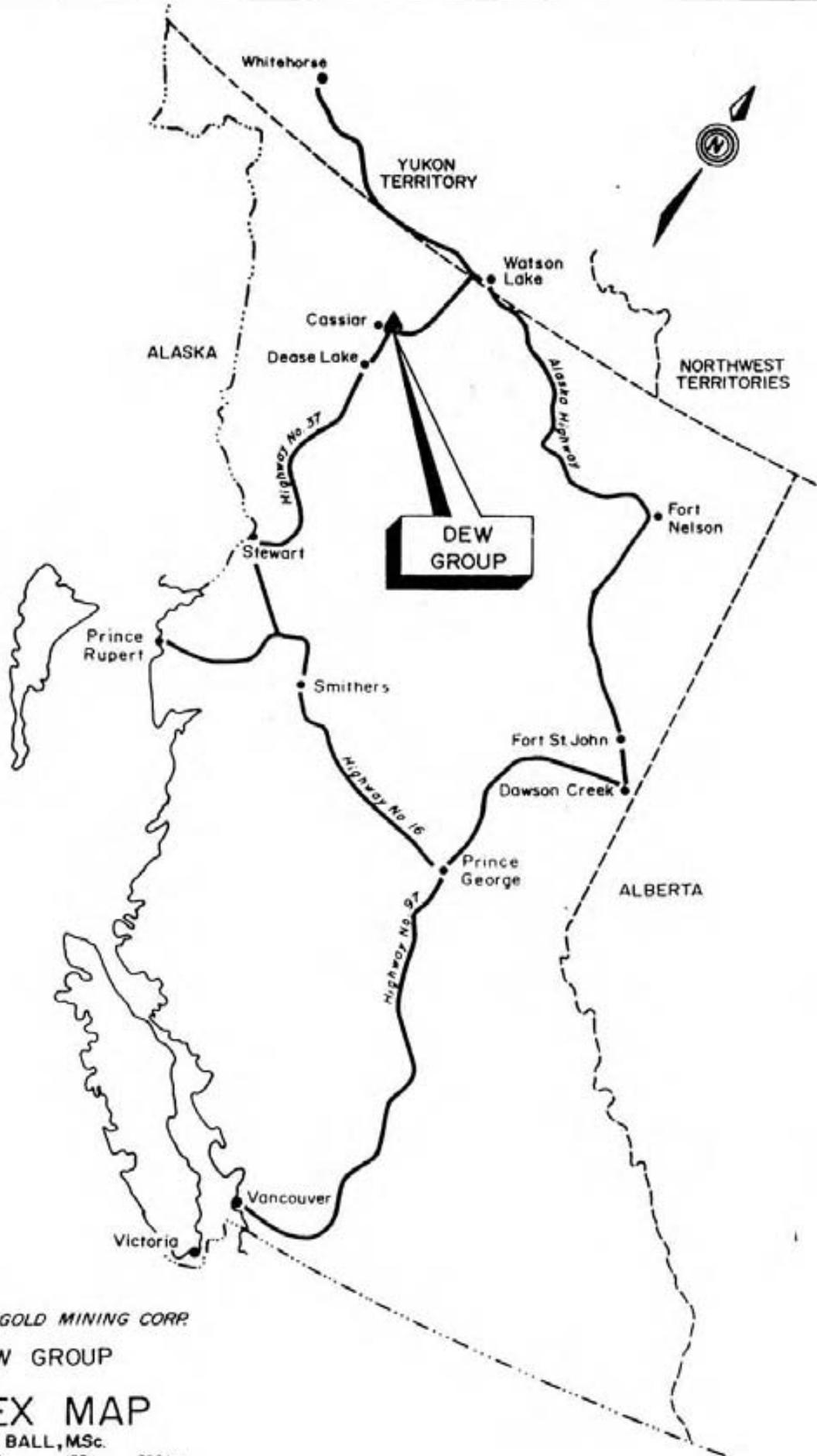
LIST OF FIGURES, TABLES AND MAPS

		Page No.
Figure	1. Index Map, Dew Group, Scale 1:7,500,000	1
	2. Dew Group Claim Map, Scale 1:50,000	2
	3. Location Map, Geology and Geochemistry Scale 1:50,000	4
	4. Geological Legend	5
	5. Histogram Showing Distribution of Au in Soil Samples	15
	6. Histogram Showing Distribution of Ag in Soil Samples	17
	7. Histogram Showing Distribution of Sb in Soil Samples	19
	8. Histogram Showing Distribution of As in Soil Samples	21
	9. Histogram Showing Distribution of Cu in Soil Samples	23
Table	1. Frequency Distribution Table for Au in Soils	16
	2. Frequency Distribution Table for Ag in Soils	18
	3. Frequency Distribution Table for Sb in Soils	20
	4. Frequency Distribution Table for As in Soils	22
	5. Frequency Distribution Table for Cu in Soils	24
	6. Summary of Soil Geochemistry Statistics	14
	7. Summary of Soil Geochemistry Anomalies	25
Map	1. Geology Scale 1:5,000, Sheet 17	In back pocket
	1a. Chip Sample Locations and Area of 1984 Trenching Scale 1:5,000, Sheet 17	" " "
	2. Geology Scale 1:5,000, Sheet 37	" " "

LIST OF FIGURES, TABLES AND MAPS

(Continued)

	<u>Page No.</u>
2a. Chip Sample Locations and Location of Soil Geochemistry Grid Scale 1:5,000, Sheet 37	In back pocket
3. Geology Scale 1:5,000, Sheet 38	" " "
3a. Chip Sample Locations Scale 1:5,000, Sheet 38	" " "
4. Geology Scale 1:5,000, Sheet 39	" " "
4a. Chip Sample Locations Scale 1:5,000, Sheet 39	" " "
5. Soil Geochemistry Sample Locations Scale 1:1,000	" " "
6. Soil Geochemistry Map for Au Scale 1:1,000	" " "
7. Soil Geochemistry Map for Ag Scale 1:1,000	" " "
8. Soil Geochemistry Map for Sb Scale 1:1,000	" " "
9. Soil Geochemistry Map for As Scale 1:1,000	" " "
10. Soil Geochemistry Map for Cu Scale 1:1,000	" " "

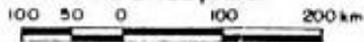


ERICKSON GOLD MINING CORP.

DEW GROUP

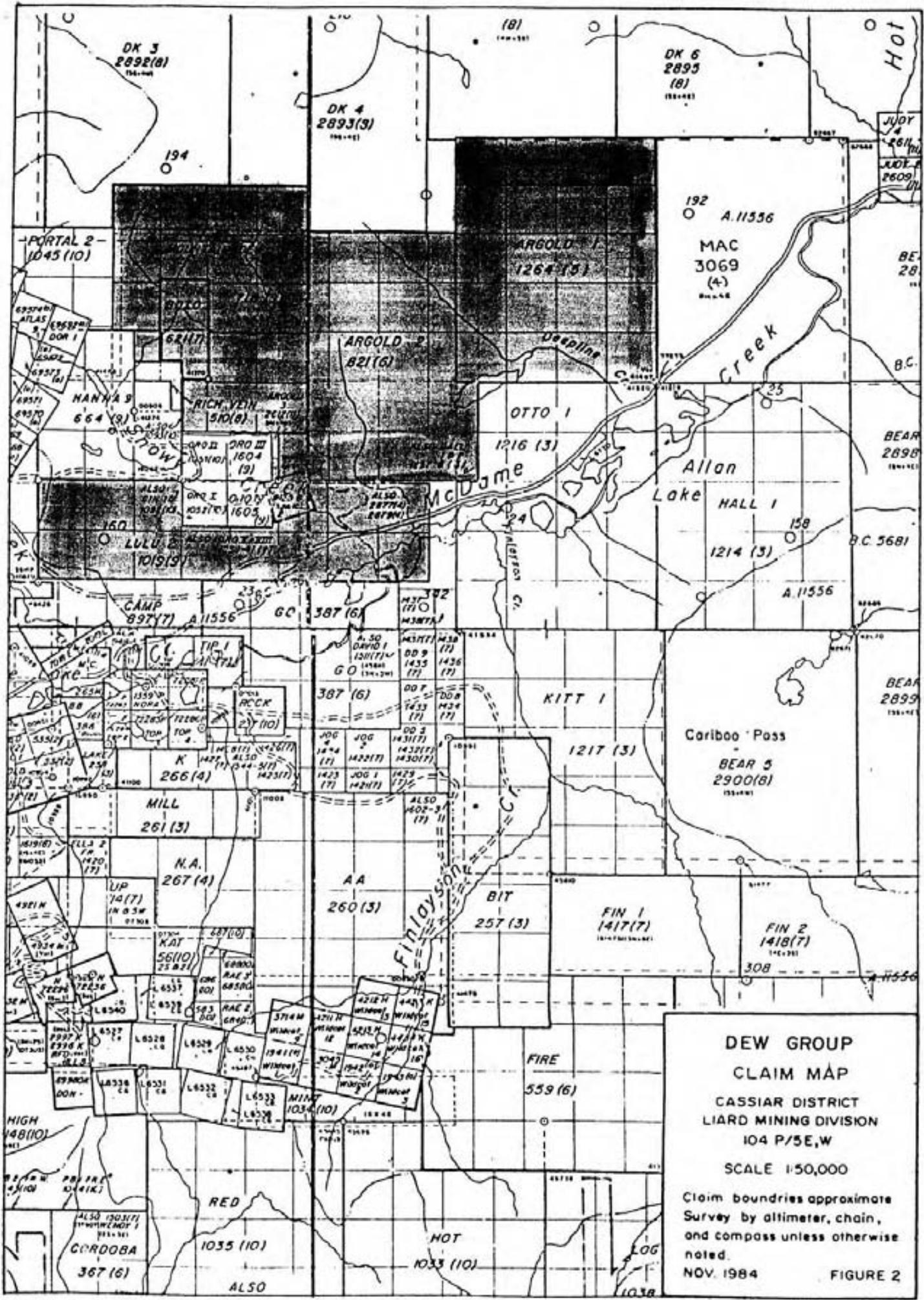
INDEX MAP

M. BALL, M.Sc.



SCALE 1:7,500,000

FIGURE 1



**DEW GROUP
CLAIM MAP**

CASSIAR DISTRICT
LIARD MINING DIVISION
104 P/5E,W

SCALE 1:50,000

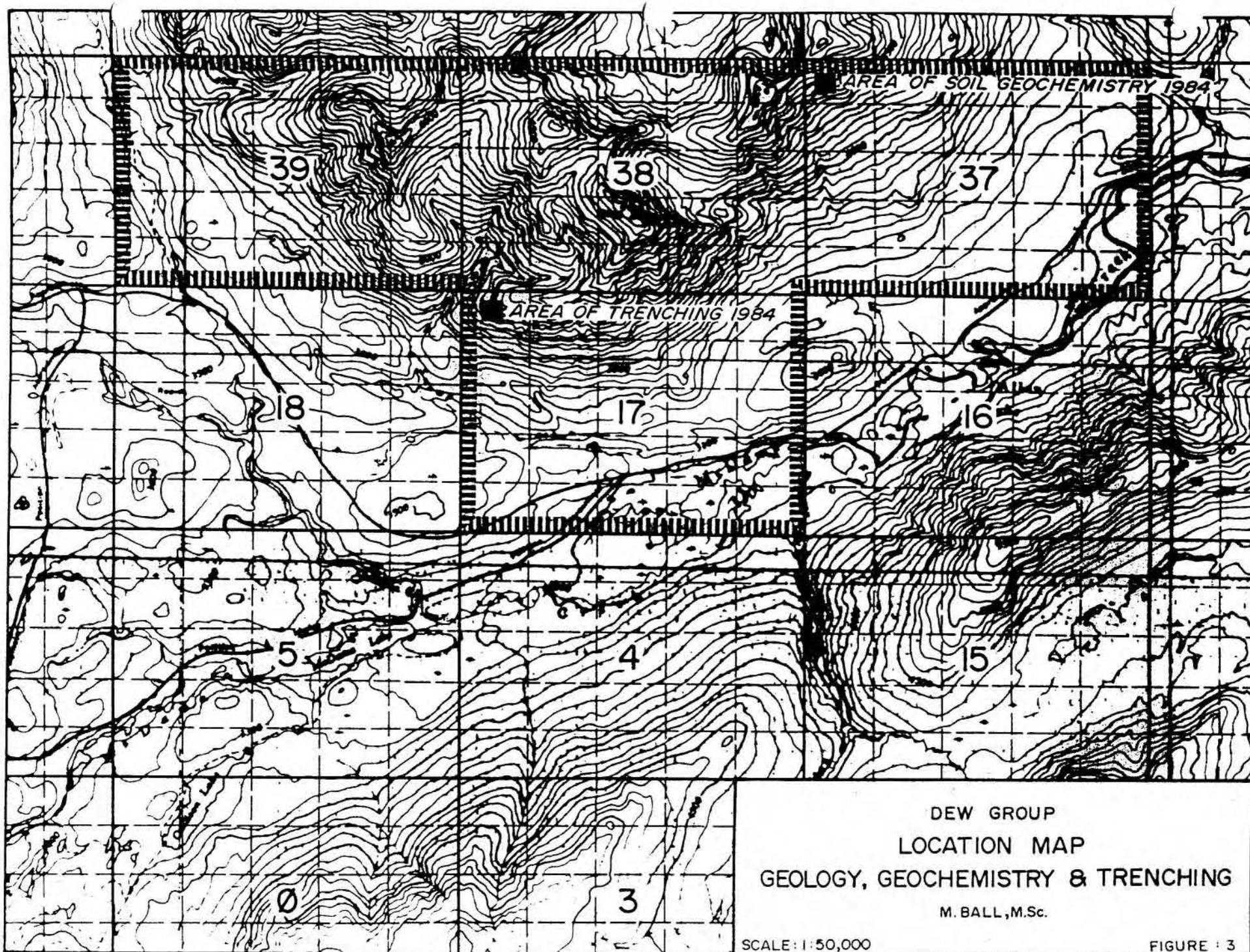
Claim boundaries approximate
Survey by altimeter, chain,
and compass unless otherwise
noted.

NOV. 1984 FIGURE 2

1.0 Claim Record

Dew Group

<u>Claim Name</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Owner</u>	<u>F.M.C.#</u>
Ajax 2	9125	June 14, 1961	Troutline Creek Gold Ltd.	26133
Argold 1	1264	May 5, 1980	Oliver Leckie	225992
Argold 2	821	June 19, 1979	Oliver Leckie	225992
Bozo	621	July 10, 1978	Erickson Gold Mining Corp.	264216
Lulu 2	1019	Sept. 24, 1979	Erickson Gold Mining Corp.	264216
Mountain Dew	718	Sept. 10, 1978	Erickson Gold Mining Corp.	264216



TERTIARY AND LOWER QUATERNARY

COMPOSITE

- 11 Basalts, tuffites, ASAN (locally cemented).

ALL UNITS - INTERMIXED

DYKE

- 10a Diabase
10b Andesite - dacite
10c Aplite

HYDROTHERMAL

- 8a Sulfide containing sulphides (stratiform or gangue),
granite and sometimes visible gold.

UPPER CRETACEOUS

- 8a Coastal block quartz monzonite porphyry.

ALL UNITS

Limestones (colored beds to ultrabasic rocks, may contain vestiges of quartz, dolomite, breccia and talc).

- 7a Serpentine, chlorite, carbonate, with minor talc.
7b Talc, carbonate, minor chlorite.
7c Quartz, malpaisite, carbonate and minor talc.
8a Quartz, volcanic plug & sill; locally fine-grained feldspar porphyry.

MESOZOIC TO TERTIARY

STEVENS GROUP

Interbedded Sediments - 20

- 15a Gypsiferous
15b Siltstone
15c Sandstone
15d Argillite
15e Limestone (conglomerate beds)
15f Chert

Interbedded Metasites - 20

- 15g Basite to andesite flows, with or without pillows, occasional local agglomerates of feldspar or gypsiferous.
15h Basite to andesite tuff breccia and/or flow breccia, with local agglomerates of feldspar or gypsiferous.
15i Maficite, silt and/or dykes.
15j Argillaceous tuff and breccia.
15k Quartz
15l Chert, tuff chert, includes some argillite, in northeast well layered chert - shalite, tuff chert, ribbed chert and argillite.
15m Argillite, siltstone, chert, quartzite limestone pebbles conglomerate, tuff includes numerous diabase and andesite sills.

MIDDLE AND UPPER DEVONIAN

MURRAY GROUP

- 12a Dolomite (black) and limestone (grey) - numerous veinlets and vugs of dolomite, occasional laminations and nodules of chert.

LEMPHIRE GROUP

- 12b Dolomite and dolomite sandstone - dark grey to light grey, commonly laminated.

CAMBRIAN AND DEVONIAN

RECHKA GROUP

- 2a Argillite, shale, slate - black to gray-black mostly argillite with a massive mid slaty cleavage, some sections of shale and slaty cherty and calcareous sections throughout, laminated to bedded, pyrite occurs as fine disseminations up to 1/8" and as fine streaks.
2b Phyllite - black, friable, carbonaceous, with minor pyrite.
2c Argillaceous limestone - gray-black, massive, with argillite and shale fragments.

CAMBRIAN

LOWER CAMBRIAN

ASAN GROUP

- 13 Limestone - blue-grey to dark grey, laminated to well-bedded to massive, with flappy patches and minor fragmental or breccia sections.
13a Recrystallized limestone (marble) - bluffy, white, massive and as stringers and patches in 20e, large rhombohedral crystals.
13b Melinite - yellow, buff, brown, rhy, crystalline, massive with some friable sections, minor pyritohedrons in the crystalline portions.
13c Quartzite - narrow, green, brown, and tan, well bedded with cross bedded sections, pyrite and lesser pyrrhotite as disseminations and stringers.
13d Metafelsic quartzite - narrow, green, buff and brown; pure quartzite beds are crystalline, less pure beds are schistose and contain andalusite patches; chlorite slates occur in the chlorite-rich green beds; more abundant pyrite and pyrrhotite.
13e Shale and slate - black, grey and buff, laminated, argillite, and carbonaceous, with some calcareous interbeds.

ALTERATION SYMBOLS

- | | |
|---|--|
| 16a Graphite | 16b Chlorite |
| 16c Diagenetic, non-ferrous (siliceous) | 16d Epidote |
| 16e Malpaisite - Fuchsite | 16f Calcite |
| 16g Silicification | 16h Hornblende diagenesis and garnet-schistosity - minor quartzite mineralization. |
| 16i Carbonate; dolomite, siderite | |
| 16j Cracks - Breccia structure feature | |

SYMBOLS

- Geological boundary (interred, approximate)
--- Fault vein (inclined, vertical, dip unknown)
--- Line of alteration
--- Fault

DEW GROUP
GEOLOGICAL LEGEND
FIGURE 4

2.0 Introduction

This report describes the results of geological mapping, soil geochemistry and trenching carried out on the Dew Group during the 1984 field season. Maps showing the property location, claims, geological mapping, and chip sample and soil sample locations are included.

3.0 Location and Access

The property is located in northern British Columbia, 12 kilometers east of the town of Cassiar. The geographic co-ordinates are $59^{\circ}18'$ north latitude and $129^{\circ}22'$ west longitude.

Access to the southern portion of the claims is by four-wheel drive truck via a gravel road which extends northeast of the Cassiar access road, across Snowy Creek. Access to the northern part of the claim group is by helicopter.

4.0 Topography and Vegetation

The Dew Group claims are located in mountainous terrain characterized by valleys at 3500 feet elevation and peaks at 6500 feet. Spruce, fir and deciduous trees cover the slopes to approximately 4500 feet, with small brush and grasses persisting to about 5500 feet.

The soil geochemistry grid is located on a south-facing, alpine-type, grass covered slope on the Argold 1 claim.

5.0 History

Gold was initially discovered in placer deposits on McDame Creek in 1874. Since then, considerable prospecting and development has been conducted on numerous quartz veins which occur within the area.

The Dew Group lies immediately north of an old placer working known as the Christie Lead. The Christie Lead was a very rich placer deposit and is reported to have produced the biggest gold nugget recovered to date in B.C. The nugget weighed 72 ounces. The Christie Lead occurs where Snowy Creek enters McDame valley.

There is little evidence of work done on the Dew Group prior to 1984. A steep bulldozer road extends east of Snowy Creek and provides access to the Bozo claim where four quartz veins have been trenched by hand.

In June, 1984 Erickson Gold Mining Corp. conducted a geological survey on the Argold 2 claim. This work is the subject of a earlier report.

6.0 Summary of Work

During the 1984 field season, four geologists and six assistants carried out a regional exploration program on the Bozo, Mountain Dew, Argold 1 and Argold 2 claims. This involved geologic mapping at 1:5000 scale and 2 lines of soil samples, 700 meters in length. A total of 136 soil samples were collected and analyzed for Au, Ag, Sb, As and Cu. Seventy one chip samples of quartz veins were collected and

assayed for Au and Ag. In addition, 400 meters of trenching was done with a D8K caterpillar. Maps showing the geology and chip sample results, chip sample locations and trenching, soil sample locations, and soil sample results are included in the back pocket of this report.

7.0 Purpose

The purpose of the 1984 survey was to locate and sample potential gold-bearing quartz veins and to determine favourable structural and stratigraphic settings for gold-bearing veins.

8.0 Geology and Mineralization

The Dew Group is underlain predominantly by metasediments and metavolcanics belonging to the Lower Mississippian to Upper Pennsylvanian age Sylvester Group. A small intrusive plug and associated intrusive breccia, which outcrops on the Argold 1 claim, is presumed to be cogenetic with the Upper Cretaceous age Cassiar Batholith.

The metasediments consist of ribbon chert and argillite. Ribbon Chert is commonly thin bedded (<20 cm thick) and varies in colour from green to black, brown or maroon. Pods of rhodochrosite, up to 10 meters long and 3 meters wide, occur locally within the chert. The argillite is black in colour, graphitic, and commonly grades through siliceous argillite to black or grey chert.

The metavolcanics are medium green in colour and are chlorite-rich, with lesser amounts of calcite and

epidote. They are most commonly aphanitic but locally are fine-grained or medium-grained. In texture, the volcanics are massive, banded or pillowed.

A distinctive metavolcanic unit outcrops on the ridge in the northern part of the Argold 2 claim. This unit is dark green in colour and commonly is moderately magnetic and pillowed. Red, spherulitic hematite locally occurs between pillows.

A small felsic intrusive breccia outcrops on the west boundary of the Argold 1 claim. The intrusive is tan to pink coloured, granitic in composition, contains a minimum of 40% quartz and is fine to medium-grained. An intrusive breccia occurs around the margins of the small felsic intrusive and is characterized by 2-50 millimeter diameter clasts of granodiorite, quartz diorite, diorite and greenstone. The clasts are subangular and are supported by a fine-grained, dark green to grey coloured, chloritic matrix.

Locally, the metavolcanics host quartz and quartz-carbonate veins up to 2.0 meters thick. Most commonly, these veins do not contain any visible mineralization, are not associated with any significant alteration of the wall rock and are of limited strike length (<4.0 meters). However, some veins are accompanied by a rusty-weathering, pervasive dolomite or ankerite-type carbonate alteration of the wall rock metavolcanics.

Quartz veins and associated carbonate alteration are most prominent on the Bozo claim. Four, northeast striking, subparallel, 0.4 meter thick quartz veins with

carbonate alteration envelopes up to 4.0 meters wide are exposed for approximately 25.0 meters strike length. These veins were trenched by hand prior to the 1984 field season and one vein, referred to as the Professor vein, contains visible gold. In addition, stringer zones (composed of 5 or more subparallel quartz veins greater than 3 cm. in thickness) occur within carbonatized volcanics in the upper reaches of Snowy Creek on the Bozo claim.

9.0 Trenching

A D8K caterpillar was used to expose carbonitized volcanics and quartz veins on the Bozo claim. Approximately 400 meters of trenching was done in the vicinity of the Professor vein (see Map 1, Chip Sample Locations). The trenches are approximately 1.0 meter deep and 3.0 to 4.0 meters wide. Trenching was done parallel to the strike of the quartz veins (downslope) and perpendicular to strike (side hill).

10.0 Chip Sample Results

Quartz veins encountered on traverse were chip sampled and assayed for Au and Ag at the Erickson Gold Mining Corp. mine assay lab. Where quartz veins were associated with significant alteration of the wall rock, this material was sampled and assayed separately. Sample locations and results are shown on Maps 1-4.

All but three of the chip samples assayed less than 0.04 ounce per ton gold. A grab sample from the Professor vein on the Bozo claim, which contained visible gold (not in

sample), assayed 0.908 oz/ton gold and 1.28 oz/ton silver. A grab sample of a vein which contained minor malachite assayed 0.106 oz/ton gold and 0.04 oz/ton silver. This vein is located at coordinates 6,571,400N and 464,450E on Map 3. Finally, the School vein on the Bozo claim assayed 0.050 oz/ton Au and 0.04 oz/ton Ag.

11.0 Soil Geochemistry

11.1 Field Procedures

Two lines of soil samples, spaced 100 meters apart and 700 meters in length, were located over the metavolcanic/metasediment contact in the vicinity of the felsic intrusive on the Argold 1 claim. The soil grid was established using 1"x 2" pickets and flagging. Samples were collected at 10 meter intervals. At each site a hole approximately 30 cm deep was dug with a mattock and soil from the B horizon was placed in a Kraft sample envelope with a garden trowel. Where the B horizon was not present, the C horizon was collected. A total of 136 samples were collected and sent to Min-En Laboratories Ltd., 705N-15th Street, North Vancouver, B.C., to be analyzed for Au, Ag, As, Sb and Cu.

11.2 Laboratory Procedures

Samples were processed by Min-En Laboratories Ltd. at the North Vancouver Laboratory, following the procedures outlined below.

Sample Preparation:

After drying the samples at 95°C, soil samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis.

Analytical Procedure for Au

A sample weight of 10.0 grams is pretreated with HNO₃ and HClO₄ mixture.

After the pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made prior to extraction of gold with Methyl-Isobutyl-Ketone.

With a set of suitable standard solutions, gold is analyzed by Atomic Absorption Spectrophotometry. The obtained detection limited is 5 ppb.

Analytical Procedure for Ag, Cu and As.

1.0 gram subsamples of sieved material are digested for 6 hours with HNO₃ and HClO₄ mixture.

After cooling the samples are diluted to standard volume and then analysed by Atomic Absorption Spectrophotometry.

Cu and Ag are analyzed using the $\text{CH}_2 - \text{H}_2$ Air flame combination.

For Arsenic analysis a suitable aliquot is taken from the standard volume solution and tested by the Gutzeit method using $\text{Ag CS}_2 \text{N} (\text{C}_2\text{H}_5)_2$ as a reagent.

Analytical Procedure for Sb

1.000 gram of the prepared samples are weighed into 25x200 mm pyrex test tubes.

Add 2 ml of conc HNO_3 and 5 ml of conc HCl and heat it at low temperature and slowly increase it to 150°F and let it digest for 30 minutes.

After the initial digestion increase temperature to 250 F for 3 hours. After digestion dilute to suitable volume and take a 5 ml aliquote for extraction into a clean test tube.

Add 5 ml H_2O and 10 ml of Methyl-Isobutyl-Ketone, cap it and shake it for 30 seconds. Read organic phase on Atomic Absorption Spectrophotometric against suitably prepared standards.

ppm can be obtained from digest reading or a graph can be prepared from the set of standards.

11.3 Statistical Analysis

Frequency distributions were tabulated and histograms were constructed to illustrate the distribution of values for each element analyzed. (See Tables 1-5 and Figures 5-9). These diagrams were used to identify possibly anomalous, probably anomalous and anomalous values. Extremely high values are considered to be very anomalous. The results are summarized in Table 6.

	Au (ppb)	Ag (ppm)	Sb (ppm)	As (ppm)	Cu (ppm)
Very Anomalous	> 200	N/A	N/A	> 800	> 200
Anomalous	90-200	N/A	> 80	550-800	140-200
Probably Anomalous	60- 90	N/A	70-80	400-550	110-140
Possibly Anomalous	30- 60	1.1	60-70	200-400	90-110

Table 6. Summary of Soil Geochemistry Statistics.

ERICKSON GOLD MINING CORP.

DEW GROUP

GEOCHEMISTRY

HISTOGRAM SHOWING DISTRIBUTION OF GOLD IN SOIL SAMPLES

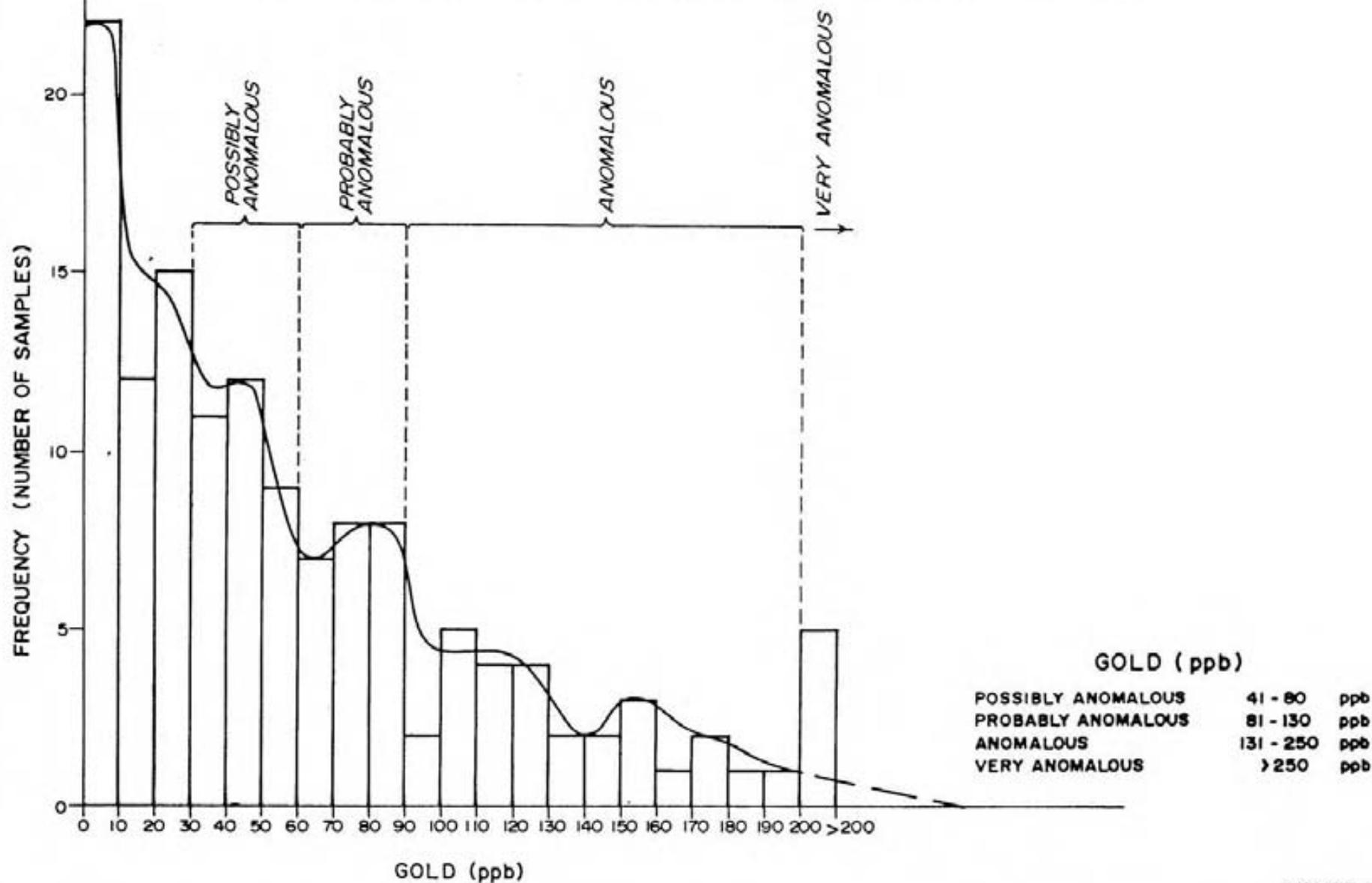


FIGURE: 5

Table 1. Frequency Distribution Table for Au in Soils

ppb	Frequency	% Frequency	Cumulative % Frequency
0- 10	22	16	16
11- 20	12	9	25
21- 30	15	11	36
31- 40	11	8	44
41- 50	12	9	53
51- 60	9	7	60
61- 70	7	5	65
71- 80	8	6	71
81- 90	8	6	77
91-100	2	1	78
101-110	5	4	82
111-120	4	3	85
121-130	4	3	88
131-140	2	1	89
141-150	2	1	90
151-160	3	2	92
161-170	1	1	93
171-180	2	1	94
181-190	1	1	95
191-200	1	1	96
> 200	5	4	100
	---	---	
	136	100	

Range 5 - 590 ppb

ERICKSON GOLD MINING CORP.

DEW GROUP

GEOCHEMISTRY

HISTOGRAM SHOWING DISTRIBUTION OF SILVER IN SOIL SAMPLES

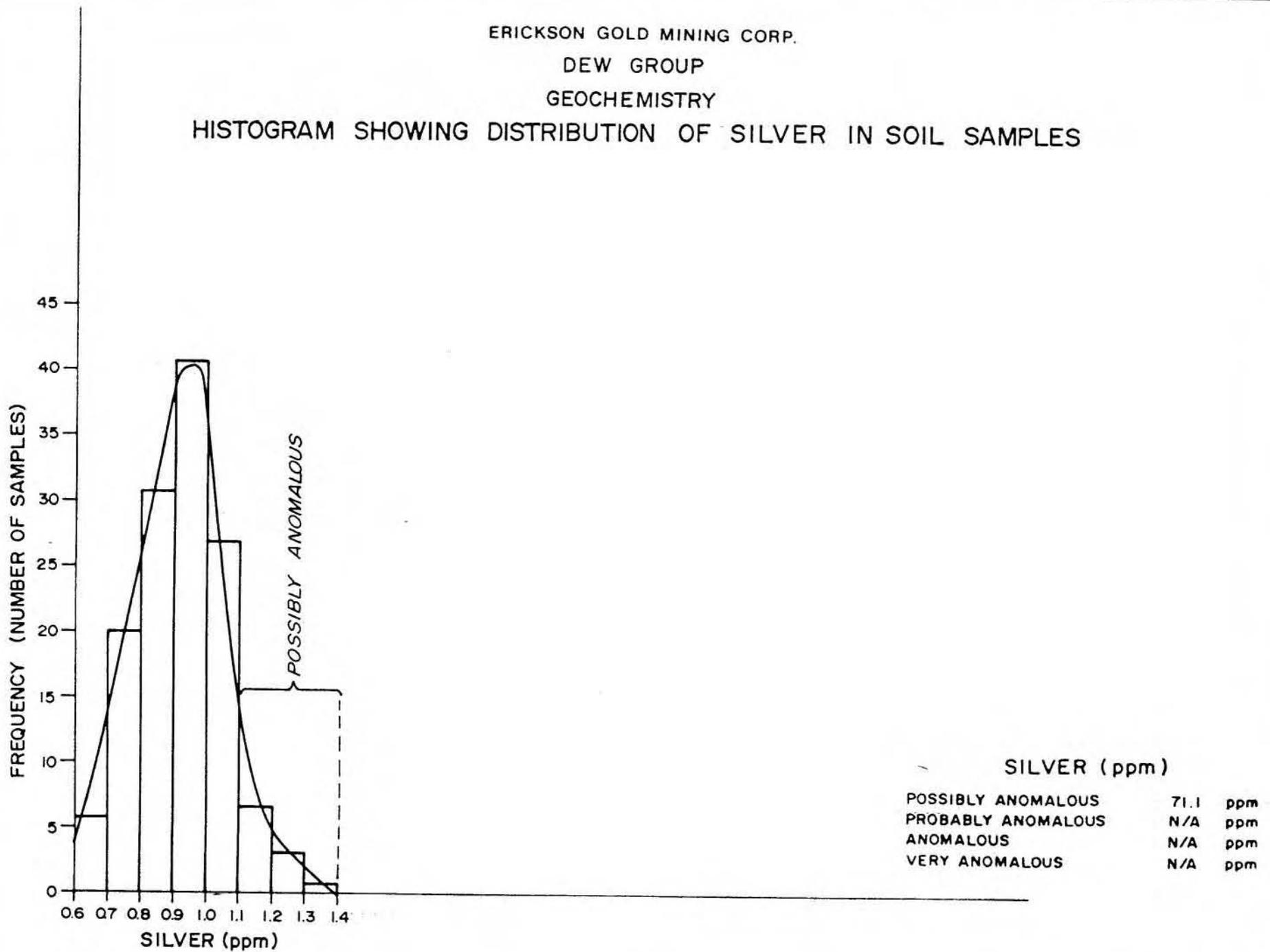


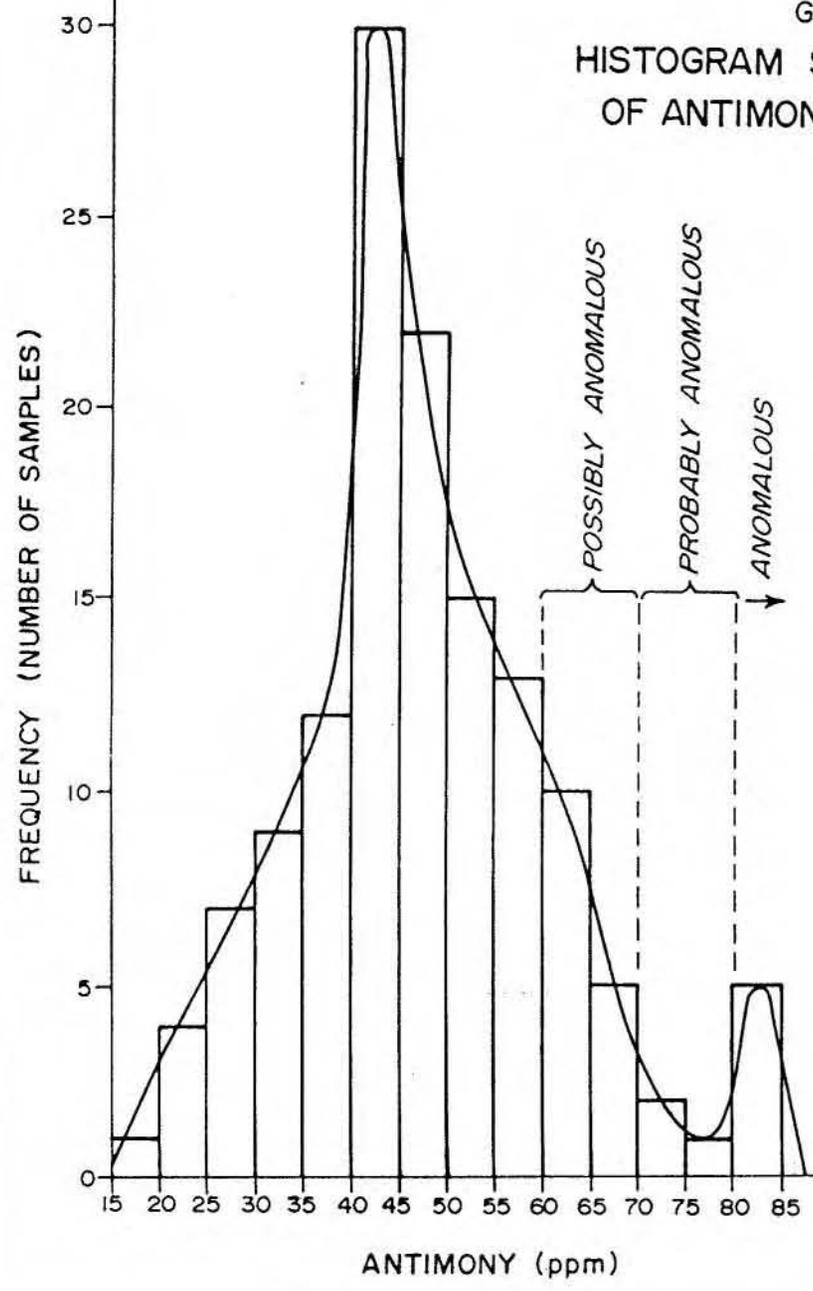
FIGURE 6

Table 2. Frequency Distribution Table for Ag in Soils

ppm	Frequency	% Frequency	Cumulative % Frequency
0.6	6	4	4
0.7	20	15	19
0.8	31	23	42
0.9	41	30	72
1.0	27	20	92
1.1	7	5	97
1.2	3	2	99
1.3	1	1	100
	---	---	
	136	100	

Range 0.6 - 1.3 ppm

ERICKSON GOLD MINING CORP.
 DEW GROUP
 GEOCHEMISTRY
 HISTOGRAM SHOWING DISTRIBUTION
 OF ANTIMONY IN SOIL SAMPLES



ANTIMONY (ppm)		
POSSIBLY ANOMALOUS	60 - 70	ppm
PROBABLY ANOMALOUS	70 - 80	ppm
ANOMALOUS	> 80	ppm
VERY ANOMALOUS	N/A	ppm

FIGURE: 7

Table 3. Frequency Distribution Table for Sb in Soils

ppm	Frequency	% Frequency	Cumulative % Frequency
15-19	1	1	1
20-24	4	3	4
25-29	7	5	9
30-34	9	7	16
35-39	12	9	25
40-44	30	22	47
45-49	22	16	63
50-54	15	11	74
55-59	13	10	84
60-64	10	7	91
65-69	5	3	94
70-74	2	1	95
75-79	1	1	96
80-84	5	4	100
	---	---	
	136	100	

Range 17 - 84 ppm

ERICKSON GOLD MINING CORP.

DEW GROUP

GEOCHEMISTRY

HISTOGRAM SHOWING DISTRIBUTION OF ARSENIC IN SOIL SAMPLES

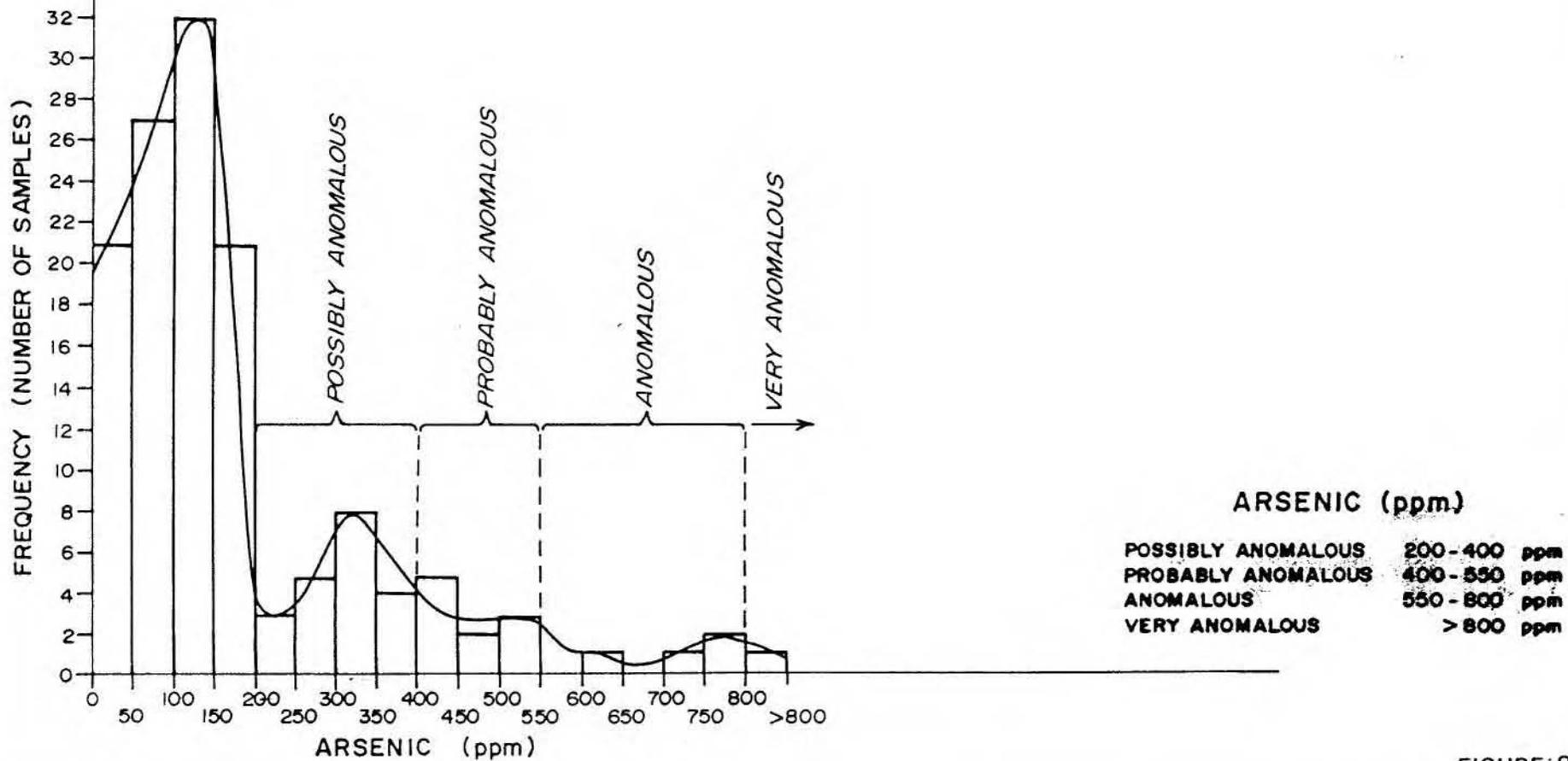


FIGURE 8

Table 4. Frequency Distribution Table for As in Soils

ppm	Frequency	% Frequency	Cumulative % Frequency
0- 49	21	15	15
50- 99	27	20	35
100-149	32	24	59
150-199	21	15	74
200-249	3	2	76
250-299	5	4	80
300-349	8	6	86
350-399	4	3	89
400-449	5	4	93
450-499	2	1	94
500-549	3	2	96
550-599	0	0	96
600-649	1	1	97
650-699	0	0	97
700-749	1	1	98
750-799	2	1	99
> 800	1	1	100
	---	---	
	136	100	

Range 2 - 2100 ppm

ERICKSON GOLD MINING CORP.

DEW GROUP

GEOCHEMISTRY

HISTOGRAM SHOWING DISTRIBUTION OF COPPER IN SOIL SAMPLES

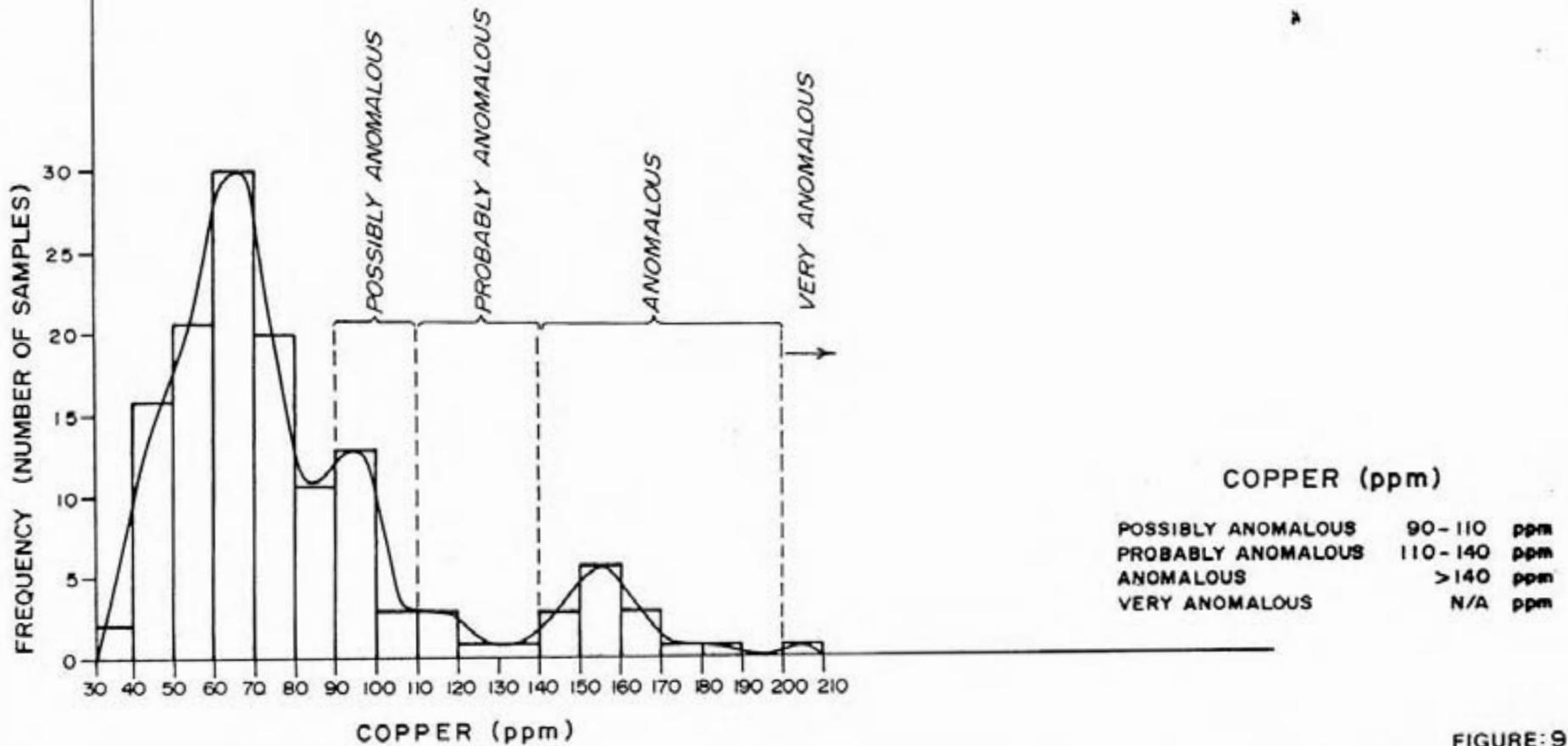


FIGURE: 9

Table 5. Frequency Distribution Table for Cu in Soils

ppm	Frequency	% Frequency	Cumulative % Frequency
30- 39	2	1	1
40- 49	16	12	13
50- 59	21	15	28
60- 69	30	22	50
70- 79	20	15	65
80- 89	11	8	73
90- 99	13	10	83
100-109	3	2	85
110-119	3	2	87
120-129	1	1	88
130-139	1	1	89
140-149	3	2	91
150-159	6	4	95
160-169	3	2	97
170-179	1	1	98
180-189	1	1	99
190-199	0	0	99
200-209	1	1	100
	---	---	
	136	100	

Range 38 - 200 ppm

11.4 Interpretation

The values for each element were plotted and contoured using intervals defined by the above statistics (see Maps 5-10). Table 7 summarizes the distribution of anomalies for each element.

No.	Location	Au	Ag	Sb	As	Cu
1.	0-50S	++++	+	++	++++	
2.	300-330S	++++	+	+	++	
3.	120-140S	+++	+	+++	+++	+
4.	0-80N	++	+		++	++
5.	170N	++			++	
6.	> 100N		+	+++		++++

Table 7. Summary of Soil Geochemistry Anomalies.

++++ = very anomalous; +++ = anomalous; ++ = probably anomalous; + = possibly anomalous.

The most significant composite anomaly is No. 1, located at 0-50S. Anomaly No. 1 overlaps to some extent with anomaly No. 4.

The area north of about 200N is very different from the rest of the grid in its geochemical signature. This area is characterized by lower Au and As values, and is the site of relatively extensive Sb and Cu anomalies (No. 6). Based on the geological mapping done in this area, the difference in geochemical signature appears to reflect a change in underlying lithology. The northern portion of the grid is

underlain by metasediments whereas the southern portion is underlain by metavolcanics. The high Sb values in the metasediments remain unexplained while high Cu might be expected because malachite has been noted within chert sequences elsewhere in the area (see Map 4; 6,571,900N).

Au anomalies are restricted to the southern portion of the grid and may reflect native gold and tetrahedrite-bearing quartz veins hosted by metavolcanics near the volcanic/sediment contact. It is also possible that anomalous values are due to a source up slope and near the margin of the small intrusive.

12.0 Conclusions

The majority of quartz veins exposed on the Dew Group are barren. Quartz veins hosted by carbonitized volcanics are more favourable to gold mineralization. The veins exposed on the Bozo claim occur within carbonitized volcanics and locally contain gold (e.g. Professor vein). On this basis, additional work is warranted on the Bozo claim.

The location of the soil geochemical anomalies should be investigated in order to determine the source(s) of the anomalies. These anomalies are situated over a metavolcanic/metasediment contact which is a favourable site for gold-bearing quartz veins in the region.



13.0 DEW GROUP COST STATEMENT

June 15, 28, July 10, 11, 12, Aug. 8, 22, 23 4 geologists - R. Bassett, M. Ball L. Westervelt, J. Steel; 15 man days @ \$160/man/day	\$ 2,400.00
Aug. 22, 23 6 soil samplers - J. Walker, R. Fisher, F. Fisher, A. Brummer, P. Mulholland, T. Somerville 10 man days @ \$140/man/day	1,400.00
June 15, 28, July 10, 11, 12, Aug. 8 1 truck - 6 days @ \$50/day	300.00
July 10, 11, 12 - D8K caterpillar bulldozer 16 hours @ \$120/hr.	1,920.00
July 10, 11, 12 - Cat operator 3 days @ \$175/day Room and Board 28 days @ \$50/day	525.00 1,400.00
Aug. 22, 23 - 2 days Helicopter transportation - 4.9 hrs. @ \$585/hr.	2,868.95
80 Rock Chip Samples - F.A. for Au, Ag. @ \$19/sample	1,520.00
137 Soil Samples - A.A. for Cu, Sb, As, Au, Ag. @ \$15.50/sample	2,123.50
Geologist Report Writing - 3 days @ \$160/day	480.00
Drafting - 3 days @ \$130/day	390.00
Field Supplies and Report Materials	200.00
	----- \$15,527.45 =====

14.0 Statement of Qualifications

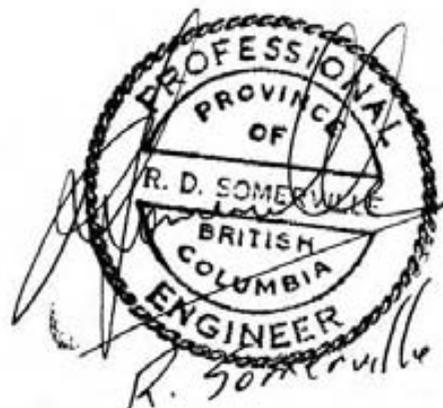
I, Mathew Ball, of 1217 East 4th Street, North Vancouver, B.C. do hereby certify that:

I hold an M.Sc. degree in Mineral Exploration obtained at Queen's University at Kingston, Ontario and am a member of the Canadian Institute of Mining and Metallurgy. I have practised my profession for four (4) years.

I am author of this report, which is based upon work conducted under the supervision of R. Somerville, P. Eng., during the 1984 field season on the Dew claim group of Erickson Gold Mining Corp. near Cassiar, B.C.

M. Ball

M. Ball, M.Sc.



P. Eng.

P. Eng.

Appendix A

Chip Sample Assay Certificates

DAY SAMPLED

ERICKSON GOLD MINING CORP.

DAY ASSAYED

DAILY ASSAY REPORT

June 20/84Geol

SAMPLE NO.	LOCATION	CARS	Au oz/ton	Ag oz/ton	TAKEN BY
E4620	Argold 2, 1738 M ²	1.0 M	TR	.14	✓
E4622	Argold 2 10cm gte-v TRENCH	GRAB	TR	.04	
E4623	Argold 2, L 13.	1.0 m	.034	.02	✓
0871	Argold 2	1.0 m	TR	.02	✓

duplicate

DAYS SAMPLED

ERICKSON GOLD MINING CORP.

DAY ASSAYED

Regionals

DAILY ASSAY REPORT

August 27/84

M. BALL

SAMPLE NO.	LOCATION	CARS	Au oz/ton	Ag oz/ton	TAKEN BY
24/8 P3303	8237	GRAB	TR	.04	✓✓
- P3306	8239	GRAB	TR	.12 TR	✓✓
- P3309	82310-3	0.25	TR	.04	✓✓
- P3307	82310	GRAB	TR	.14 TR	✓✓
- P3312	82318	0.6m	TR	.04	✓✓
- P3400	STN 7	1.0m	TR	.10	✓
- P3399	STN 6	10CM	TR	.14	✓
- P3398	STN 5 boulder	Grab	TR	.06	✓
- P3308	82310-2	GRAB	TR	.06	✓✓
- P3310	82310-4	GRAB	TR	.78	✓✓
- P3305	8238-2	1.5m	TR	.26	✓✓
- P3302	8235	0.3m	TR	.18	✓✓
- P3397	STN 5 carbonate	Grab	.034	.06	✓
- P3304	8238	1.5m	TR	.16	✓✓

DAYS SAMPLED

ERICKSON GOLD MINING CORP.

DAY ASSAYED

Regional

DAILY ASSAY REPORT

August 27/84

m Ball

SAMPLE NO.	LOCATION	CARS	Au oz/ton	Ag oz/ton	TAKEN BY
P3313	82319	0.05	.046	.14	✓
P3311	82316	.2m	.030	.08	✓

24/8

-

DATE SAMPLED

ERICKSON GOLD MINING CORP.

DAY ASSAYED

Rational

DAILY ASSAY REPORT

Aug 24/84

m. Ball

SAMPLE NO.	LOCATION	CARS	Au oz/ton	Ag oz/ton	TAKEN BY
P3301	82220	GRAB	TR	.08	✓
P488	8224	GRAB	TR	.04	
P496	82216	1.0m	.028	.04	✓
P492	82211	GRAB	.106	.04	✓

23/8

DAY SAMPLED

ERICKSON GOLD MINING CORP.

DAY ASSAYED

REGIONALS

DAILY ASSAY REPORT

Aug 26/84

Jim Steel

SAMPLE NO.	LOCATION	CARS	Au oz/ton	Ag oz/ton	TAKEN BY
23/8 E4014	MIN DEW TRAVERSE QU # 39	0.5m	TR	.10	X
E4013	QU # 37	Grab	TR	.02	X
E4010	QU # 25	Grab	TR	.02	✓
E4012	QU # 31	2.0m	TR	.02	X
E4007	QU # 12	Grab	TR	.02	✓
E4009	QU # 23	Grab	TR	.10	✓
E4015	QU # 41	Grab	TR	.12	X
E4011	QU # 27	Grab	TR	.06	✓
E4006	QU # 11	Grab	TR	.10	✓
E4003	QU # 2	1.5m	TR	.02	✓
E4004	QU # 3	Grab	TR	.06	✓
E4008	QU # 16	Grab	TR	.12	X
E4005	QU # 10	.25 m	TR	.08	✓

DBK15, 4, 3

Appendix B

Erickson Assay Procedure and Certification

ERICKSON

GOLD

MINE FIRE ASSAY METHOD FOR AU AND AG

The samples are crushed, pulverized and split to $\frac{1}{2}$ assay ton (14.583 gram) subsamples. One subsample is assayed for regional samples and two subsamples are assayed for diamond drill core by the following procedures.

The subsample is placed in a crucible along with 1 scoop of standard flux, $\frac{1}{2}$ tsp of flour, 1 in quartz, and 1 tsp of borax cover.

It is then heated for 45 minutes at 1060°C to fuse, poured off and left to cool before the glass is hammered off the button (bead).

The cupels are heated for 10 minutes in the furnace at 970°C until white before the lead bead is put in the cupels for 30 minutes.

After cupelation the beads are hammered flat and weighed in milligrams. If over 2.79 mg, in quartz is added in the appropriate amounts and recupelled.

The bead is placed in diluted (16%) nitric acid for 30 minutes. The acid is then removed and the bead is rinsed two times with de-ionized water before annealing to remove tarnish and weighing in milligrams.

All assays are then given in ounces per ton.

ERICKSON GOLD

Bag 1500
Cassiar, BC
VOC 1E0

September 05, 1984

Chief Gold Commissioner
Victoria, BC

Sir / Madam;

The Assay Lab at Erickson Gold Mining Corp. is under my direct supervision, and has been for the last 5 (five) years. Regular check assays are done by an outside source.

Yours truly,



A. J. Beaton
Mine Manager



Appendix C

Soil Geochemistry Analysis Certificates

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352625

DEW GROUP

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINES
 PROJECT:
 ATTENTION: R. BASNETT

FILE: 4-978/P14
 DATE: SEPT. 18/84
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AS PPM	AL PPM	SB PPM
AG-04-5	154	1.0	9	5	56
6	150	1.0	28	10	81
7	174	0.9	14	5	63
8	166	0.9	14	5	80
10	200	1.0	15	10	83
11	138	0.8	21	5	69
12	105	0.9	2	5	84
13	100	0.9	12	10	67
14	94	0.8	36	10	64
15	96	0.9	38	5	58
16	98	0.9	192	5	58
17	74	0.8	45	60	50
18	70	0.7	300	90	48
19	71	0.8	460	120	46
20	82	0.8	400	180	43
No. 84-21	76	0.8	230	80	46

Dew Group

Certified by *[Signature]*

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352826

DEW GROUP

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINES
PROJECT:
ATTENTION: R. BASNETT

FILE: 4-978/P14
DATE: SEPT. 18/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AS PPM	AU PPB	SB PPM
AG-04-5	154	1.0	9	5	56
6	150	1.0	28	10	81
7	174	0.9	14	5	63
8	166	0.9	14	5	80
10	200	1.0	15	10	83
11	138	0.8	21	5	69
12	105	0.9	2	5	84
13	100	0.9	12	10	67
14	94	0.8	36	10	64
15	96	0.9	38	5	58
16	98	0.9	192	5	58
17	74	0.8	45	60	50
18	70	0.7	300	90	48
19	71	0.8	460	120	46
20	82	0.8	400	180	43
84-21	76	0.8	230	80	46

Dew Group

Certified by

[Signature]

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TEL: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

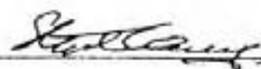
COMPANY: ERICKSON GOLD MINES
PROJECT:
ATTENTION: R. BASNETT

FILE: 4-978/P15
DATE: SEPT. 18/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AS PPM	AU PPB	SB PPM
AG-84-22	57	0.6	345	60	44
23	72	0.8	370	160	46
24	47	0.7	320	60	45
25	60	1.0	390	80	32
26	85	1.0	335	80	53
27	117	1.2	255	30	47
28	66	1.0	340	140	51
29	87	0.9	430	150	48
30	76	0.9	490	190	54
31	97	1.0	500	170	48
32	62	0.8	325	110	45
33	70	1.0	510	180	59
34	57	0.8	370	60	44
35	46	0.7	250	35	28
36	59	0.9	770	360	55
37	59	1.0	2100	590	71
38	51	0.9	140	15	34
39	72	1.0	765	320	54
40	75	1.2	126	45	46
41	78	1.2	137	40	45
42	114	1.0	155	50	47
43	94	1.0	139	30	62
44	53	0.7	109	30	54
45	60	0.9	137	30	56
46	45	0.9	100	20	43
47	86	1.1	165	40	51
48	77	1.0	250	50	42
49	99	1.3	720	350	60
50	104	1.1	225	60	60
AG-84-51	70	0.9	500	90	41

Certified by



MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

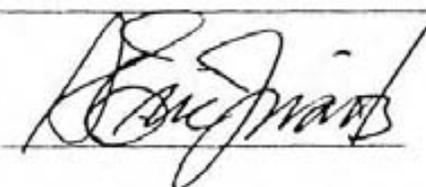
COMPANY: ERICKSON GOLD MINES
PROJECT:
ATTENTION: R. BASNETT

FILE: 4-978/P16
DATE: SEPT. 17/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AS PPM	AU PPB	SB PPM
AG-84-52	47	1.0	117	15	37
53	67	1.0	120	25	41
54	69	1.0	192	17	42
55	56	0.9	160	25	39
56	66	1.0	440	155	38
57	78	1.1	168	60	37
58	70	0.9	80	15	32
59	67	0.9	138	85	40
60	79	1.0	130	85	36
61	63	0.9	76	30	23
62	53	0.8	98	45	26
63	67	0.9	170	70	42
64	97	1.0	104	65	42
65	61	0.9	69	10	27
66	74	0.9	42	25	44
67	67	1.0	87	80	24
68	73	1.1	610	345	43
69	46	0.9	91	15	17
70	42	0.8	159	45	29
71	38	0.8	142	60	27
72	153	0.9	42	5	34
73	155	0.9	38	5	28
74	163	1.0	21	5	34
75	146	0.7	19	5	22
76	169	0.8	31	20	21
77	153	0.9	31	5	46
79	145	1.0	35	10	44
80	120	0.8	52	25	38
81	182	0.9	39	5	43
AG-84-82	157	1.1	53	5	59

Certified by



MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352829

GEOCHEMICAL ANALYSIS CERTIFICATE

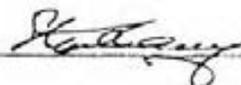
COMPANY: ERICKSON GOLD MINES
PROJECT:
ATTENTION: R. BASNETT

FILE: 4-978/P17
DATE: SEPT. 18/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AS PPM	AU PPB	SB PPM
AG-84-83	142	1.0	36	15	54
84	98	1.0	56	25	60
85	75	0.9	40	10	47
86	118	1.1	67	50	69
87	88	0.9	118	65	71
88	89	0.8	63	40	62
89	68	0.8	99	85	54
90	81	0.9	143	135	43
91	55	0.7	137	90	42
92	54	0.8	255	130	63
93	63	0.8	169	85	56
94	57	0.7	115	15	45
95	60	0.8	132	110	42
96	44	0.8	78	65	26
97	64	0.8	191	110	52
98	54	0.8	166	70	44
99	71	0.9	134	90	41
100	62	0.8	152	115	39
101	69	0.8	197	125	44
102	78	0.9	200	100	46
103	84	0.8	300	115	48
104	85	0.9	191	95	42
105	63	0.7	167	65	30
106	49	0.6	131	45	36
107	55	0.7	295	115	47
108	63	0.9	380	110	57
109	54	0.7	139	75	36
110	47	0.7	176	80	34
111	67	0.7	166	130	37
AG 84 112	76	0.9	310	200	48

Certified by



MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINES
 PROJECT:
 ATTENTION: R. BASNETT

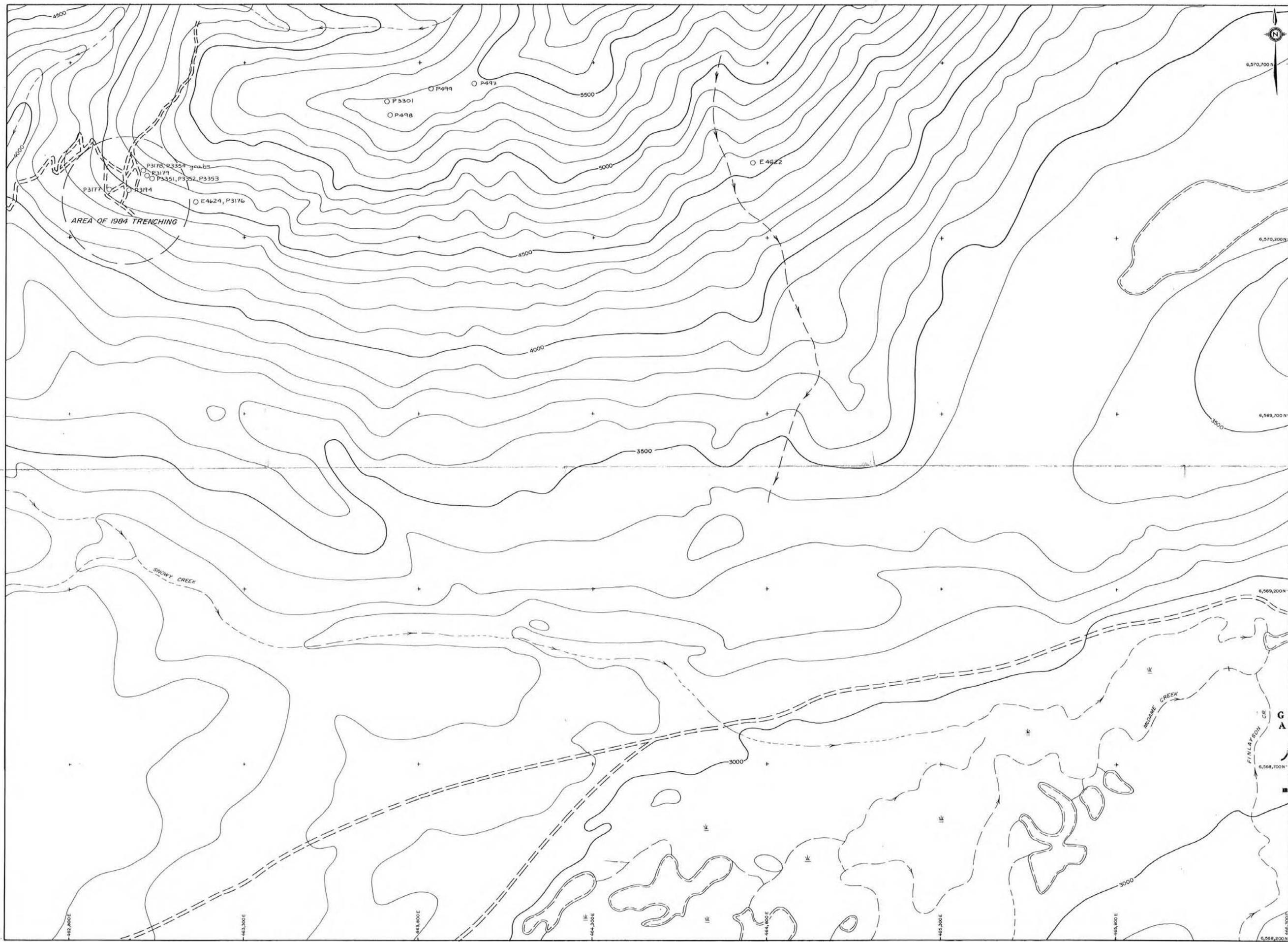
FILE: 4-978/P18
 DATE: SEPT. 18/84
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AS PPM	AU PPB	SB PPM
AG-84-113	60	0.8	101	80	45
114	50	0.8	91	40	42
115	46	0.7	85	50	44
116	51	0.7	76	35	43
117	48	0.7	69	30	33
118	47	0.6	96	45	41
119	98	0.9	117	35	59
120	90	1.0	420	150	60
121	80	0.8	124	50	66
122	90	1.0	158	80	84
123	91	0.9	191	70	53
124	65	0.8	112	40	50
125	55	0.7	135	60	47
126	59	0.7	121	60	48
127	53	0.6	80	30	36
128	54	0.7	91	30	44
129	47	0.7	58	20	43
130	48	0.8	87	50	56
131	44	0.7	92	25	43
132	38	0.6	77	30	33
133	50	0.6	130	50	51
134	59	0.8	92	40	38
135	52	0.9	93	20	43
136	63	0.9	82	20	56
137	66	1.0	197	130	61
138	69	0.9	108	35	50
139	94	1.1	132	110	76
140	68	0.9	400	150	54
141	60	0.9	123	10	56
AG-84-142	63	0.9	164	40	63

Certified by



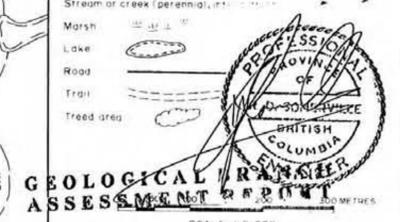


SHEET INDEX

39	38	37	36	63
18	17	16	35	62
5	4	15	34	61
0	3	14	33	60
1	2	13	32	59

SYMBOLS

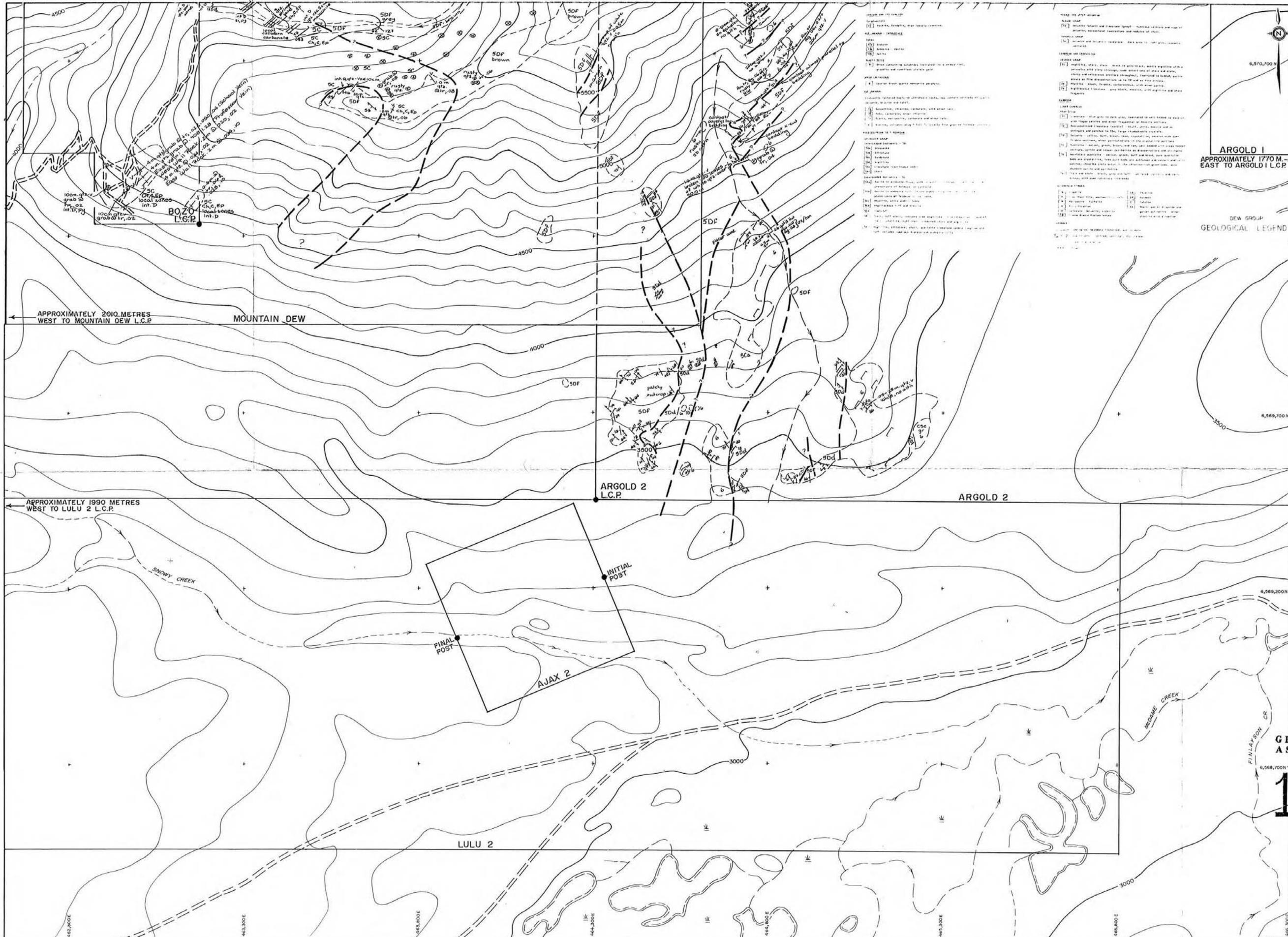
Rock outcrop, area of outcrop	X X X X
Geological boundary (defined, approximate, inferred)	---
Bedding, tops known (horizontal, vertical, overturned, dip)	— / —
Bedding, tops unknown (inclined, vertical, dip unknown)	— / —
Schistosity, gneissosity, cleavage (horizontal, inclined, vertical)	— / —
Lineation, axis of minor fold (horizontal, inclined, vertical)	— / —
Drag, fold (arrow indicates direction)	— / —
Fault (defined, approximate, inferred)	---
Joint (horizontal, inclined, vertical)	---
Syncline (defined, approximate, inferred)	— / —
Anticline (defined, approximate, inferred)	— / —
Anticline and syncline (vertical)	— / —
Intensity (weak, moderate, strong)	— / —
Quartz vein (inclined, vertical, horizontal)	— / —
Zone of alteration	---
Trench	---
Adit or tunnel	---
Rock dump or tailings	---
Shaft, raise, winze	---
Diamond drill hole (entering section, regular)	---
Contours	---
Stream or creek (perennial, intermittent)	---
Marsh	---
Lake	---
Road	---
Trail	---
Treed area	---



GEOLOGICAL REPORT
ASSESSMENT REPORT

SCALE: 1:5,000
13,098
 ERICKSON GOLD MINING FOR
 DOW GROUP
SAMPLE LOCATIONS

Project Name: ERICKSON Project No: 1003
 Latitude: 59° 16' Longitude: 129° 37'
 Mining Division: LIARD N.T.S. 304 P/4E
 To accompany a report by: R. SOMERVILLE, P. Eng
 M. BALL, M. Sc.
 Alpha No: _____ Drawing No: _____
 Date: NOV. 15/84 Map No: 17
 MAP NO. 10



SHEET INDEX

39	38	37	36	63
18	17	16	35	62
5	4	15	34	61
0	3	14	33	60
1	2	13	32	59

- SYMBOLS**
- Rock outcrop, area of outcrop, float x (xxx) x
 - Geological boundary (defined, approximate, inferred)
 - Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
 - Bedding, tops unknown (inclined, vertical, dip unknown)
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
 - Lineration, axis of minor folds (horizontal, inclined, vertical)
 - Drag-fold (arrow indicates plunge)
 - Fault (defined, approximate, interpreted)
 - Joint (horizontal, inclined, vertical, dip unknown)
 - Syncline (defined, approximate)
 - Anticline (defined, approximate)
 - Anticline and syncline (overturned)
 - Intensity (weak, moderate, strong)
 - Quartz vein (inclined, vertical, dip unknown)
 - Zone of alteration

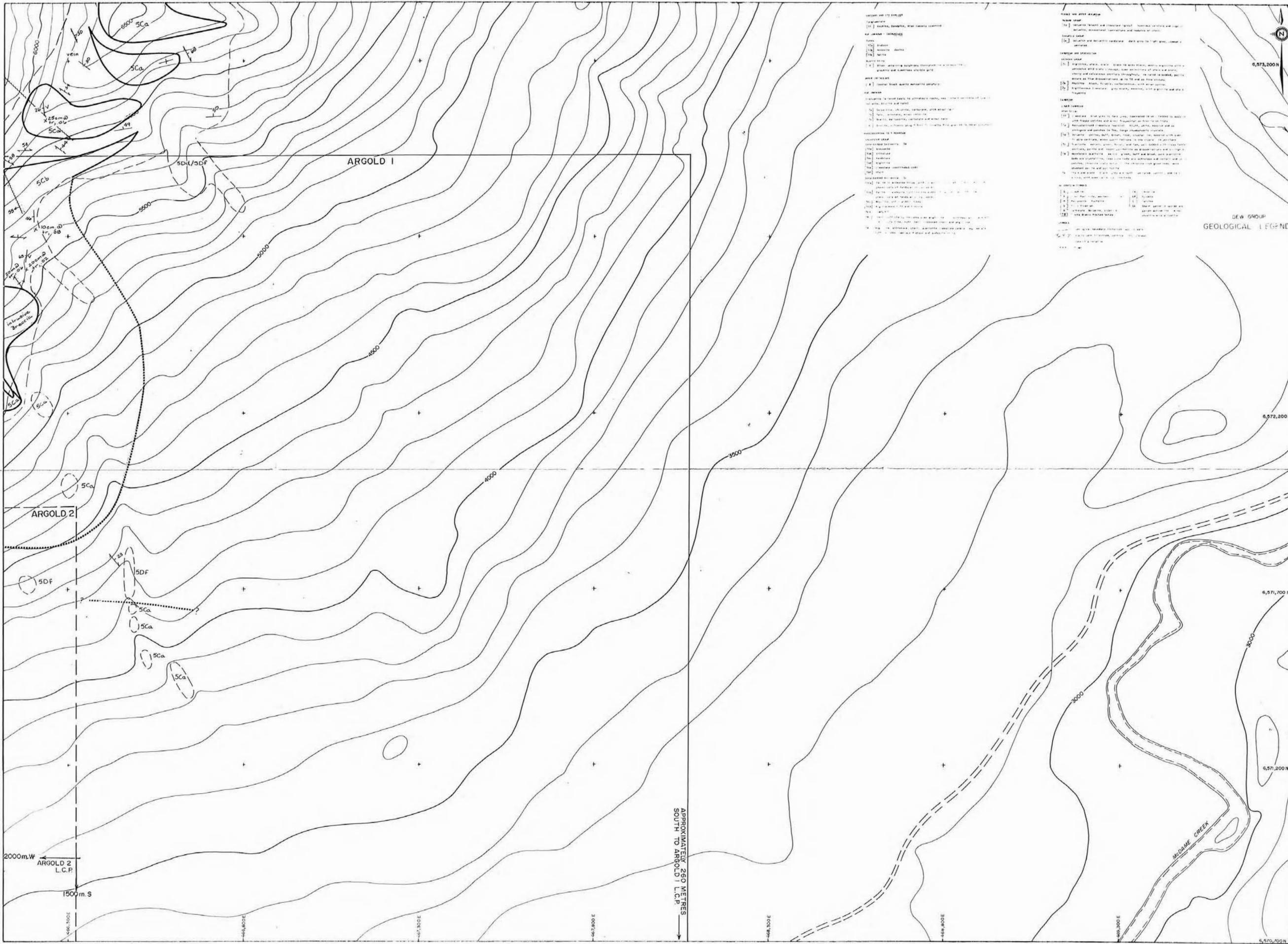
- Trench
- Adit or tunnel
- Rock dump or tailings
- Shaft, raise, winze
- Diamond drill hole (entering section, leaving section)
- Contours
- Stream or creek (perennial, intermittent)
- Marsh
- Lake
- Road
- Fence
- Tree area

GEOLOGICAL FRONT ASSESSMENT REPORT
ERICKSON GOLD MINING CORP.

13,098
DEW GROUP SURFACE GEOLOGY

Project Name ERICKSON Project No 1003
 Latitude 59°16' Longitude 129°37'
 Mining Division LIARD NTS 004 P/ME
 To accompany a report by R. SOMERVILLE, P. Eng.
 M. BALL, M. Sc.
 Alpha No Drawing No
 Date NOV 15/84 Map No 17
 MAP NO. 1





- SYMBOLS**
- Rock outcrop, area of outcrop, float
 - Geological boundary (defined, approximate, inferred)
 - Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
 - Bedding, tops unknown (inclined, vertical, dip unknown)
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
 - Lineation, axis of minor folds (horizontal, inclined, vertical)
 - Drag-fold (arrow indicates plunge)
 - Fault (defined, approximate, interpreted)
 - Joint (horizontal, inclined, vertical, dip unknown)
 - Syncline (defined, approximate)
 - Anticline (defined, approximate)
 - Anticline and syncline (overturned)
 - Intensity (weak, moderate, strong)
 - Quartz vein (inclined, vertical, dip unknown)
 - Zone of alteration
 - Trench
 - Adit or tunnel
 - Rock dump or tailings
 - Shaft, raise, winze
 - Diamond drill hole (entering section, leaving section)
 - Contours (2500)
 - Stream or creek (perennial, intermittent)
 - Marsh
 - Lake
 - Road
 - Trail
 - Treed area

SHEET INDEX

39	38	37	36	63
18	17	16	35	62
5	4	15	34	61
0	3	14	33	60
1	2	13	32	59

- DEW GROUP GEOLOGICAL LEGEND**
- SYMBOLS**
- Rock outcrop, area of outcrop, float
 - Geological boundary (defined, approximate, inferred)
 - Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
 - Bedding, tops unknown (inclined, vertical, dip unknown)
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
 - Lineation, axis of minor folds (horizontal, inclined, vertical)
 - Drag-fold (arrow indicates plunge)
 - Fault (defined, approximate, interpreted)
 - Joint (horizontal, inclined, vertical, dip unknown)
 - Syncline (defined, approximate)
 - Anticline (defined, approximate)
 - Anticline and syncline (overturned)
 - Intensity (weak, moderate, strong)
 - Quartz vein (inclined, vertical, dip unknown)
 - Zone of alteration
 - Trench
 - Adit or tunnel
 - Rock dump or tailings
 - Shaft, raise, winze
 - Diamond drill hole (entering section, leaving section)
 - Contours (2500)
 - Stream or creek (perennial, intermittent)
 - Marsh
 - Lake
 - Road
 - Trail
 - Treed area

0 50 100 200 300 METRES

GEOLOGICAL BRANCH ASSESSMENT REPORT

ERICKSON GOLD MINING CORP.

13 098 SURFACE GEOLOGY

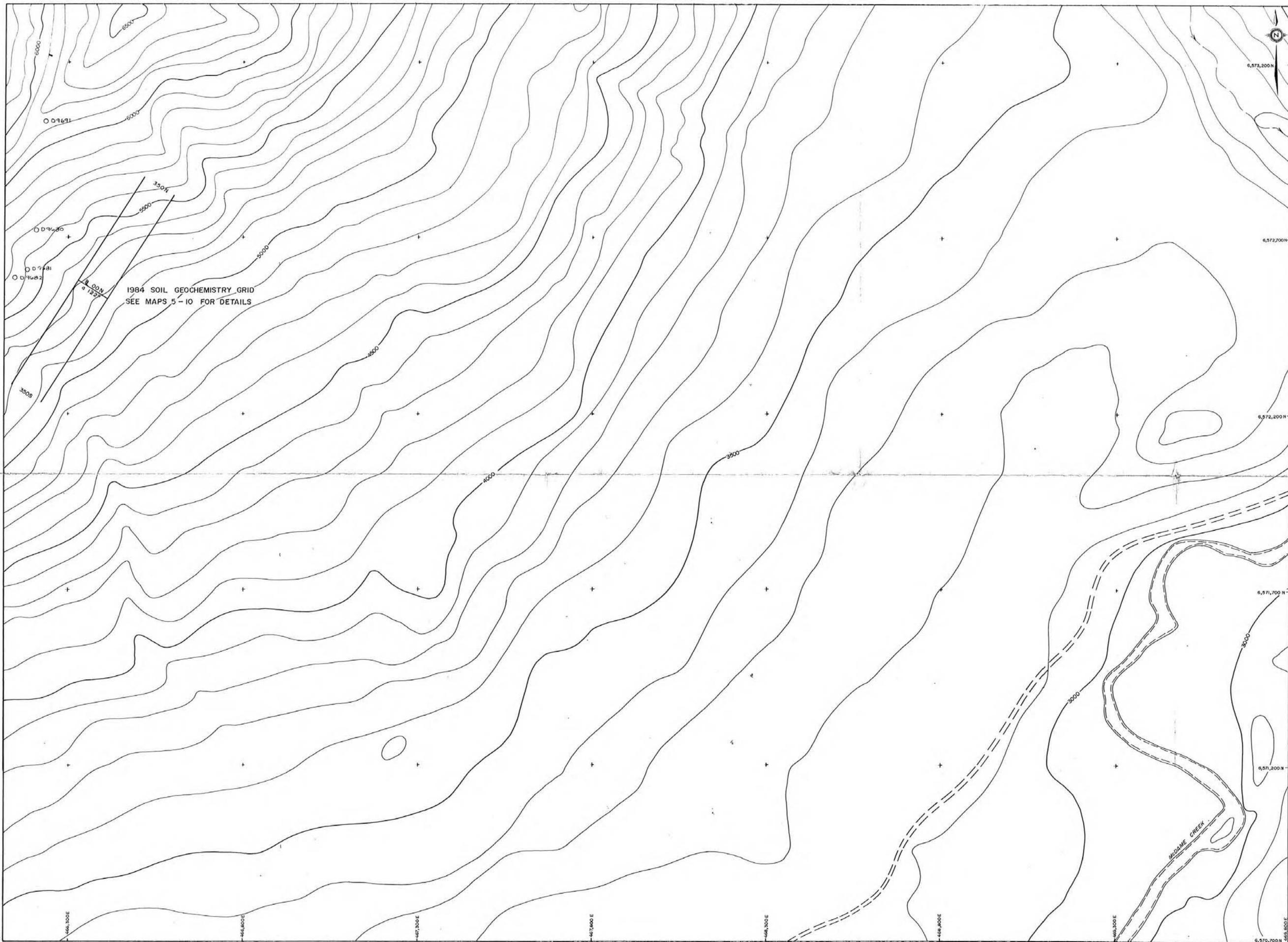
Project Name ERICKSON Project No. 1003
 Latitude 59° 17' Longitude 129° 34'
 Mining Division LIARD N.F.S. 104 P/4E

To accompany a report by R. SOMERVILLE, P. Eng. M. BALL, M.Sc.
 Alpha No. Drawing No.
 Date NOV. 15/84 Map No. 37

MAP NO. 2

2000m. W ARGOLD 2 L.C.P. 1500m. S

APPROXIMATELY 250 METRES SOUTH TO ARGOLD 1 L.C.P.



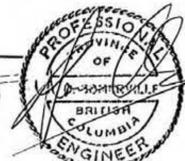
1984 SOIL GEOCHEMISTRY GRID
SEE MAPS 5 - 10 FOR DETAILS

SHEET INDEX

39	38	37	36	63
18	17	16	35	62
5	4	15	34	61
0	3	14	33	60
1	2	13	32	59

SYMBOLS

- Rock outcrop, area of outcrop, float X (XXX) X
- Geological boundary (defined, approximate, inferred) ---
- Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown) + / X /
- Bedding, tops unknown (inclined, vertical, dip unknown) / / /
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown) + / / /
- Linciation, axis of minor folds (horizontal, inclined, vertical) / / /
- Drag-fold (arrow indicates plunge) / / /
- Fault (defined, approximate, interpreted) - - - / / /
- Joint (horizontal, inclined, vertical, dip unknown) + / / /
- Syncline (defined, approximate) + - +
- Anticline (defined, approximate) + + +
- Anticline and syncline overturned) + - +
- Intensity (weak, moderate, strong) / / /
- Quartz vein (inclined, vertical, dip unknown) / / /
- Zone of alteration
- Trench
- Adit or tunnel
- Rock dump or tailings
- Shaft, raise, winze
- Diamond drill hole entering section, leaving section
- Contours 2500 C1
- Stream or creek (perennial, intermittent)
- Marsh
- Lake
- Road
- Trail
- Treed area

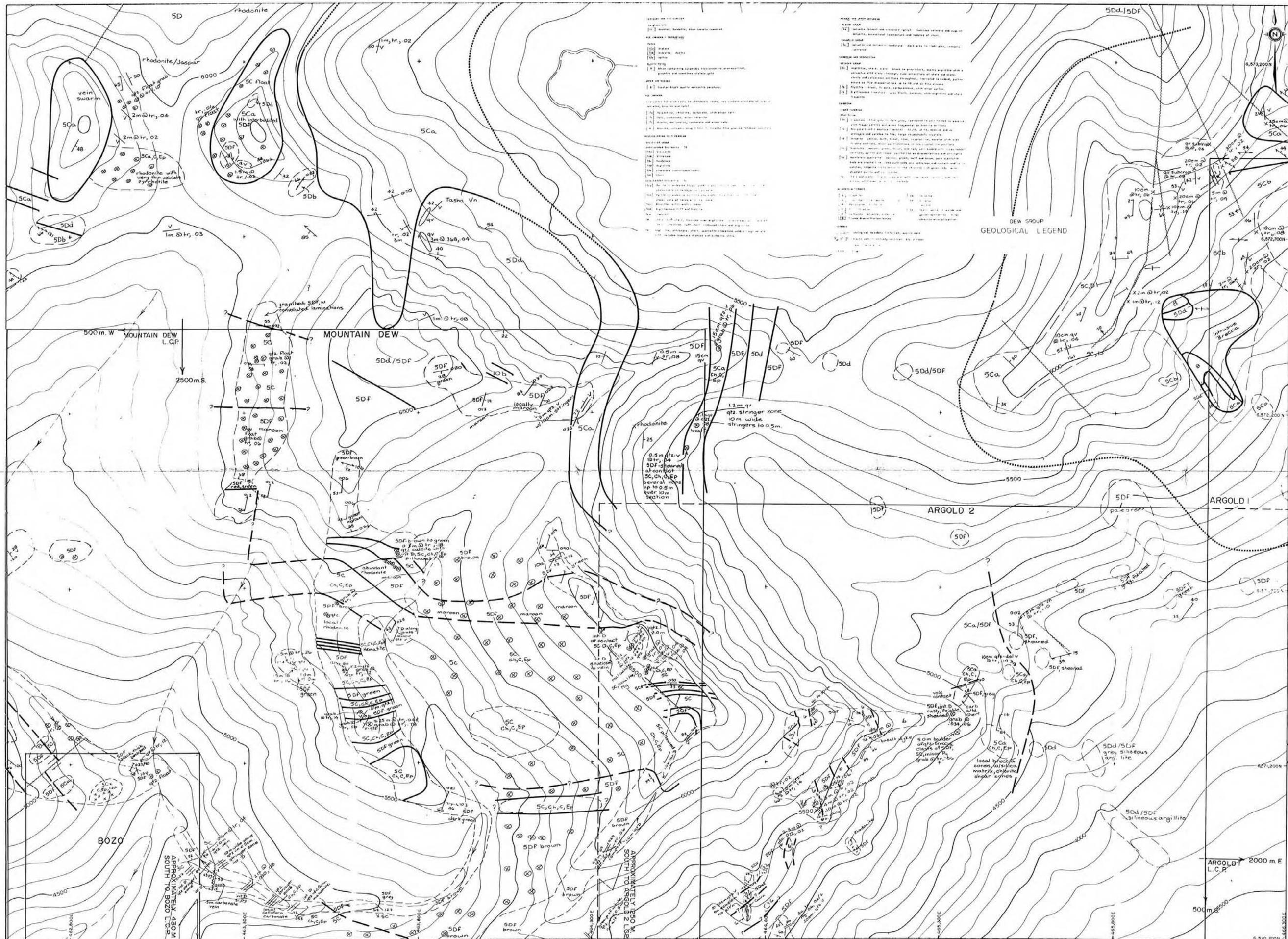


0 50 100 200 300 METRES

ERICKSON GOLD MINING CORP.

15 1998
DEW GROUP
SAMPLE LOCATIONS

Project Name: ERICKSON Project No. 1003
 Latitude: 59° 17' Longitude: 129° 34'
 Mining Division: LIARD NTS: 104 P/ME
 To accompany a report by R. SOMERVILLE, P. Eng.
 M. BALL, M. Sc.
 Alpha No. Drawing No.
 Date: NOV. 15/84 Map No. 37
 MAP NO. 2a



SYMBOLS AND NOTATION

LEGEND

ROCK UNITS

STRUCTURAL FEATURES

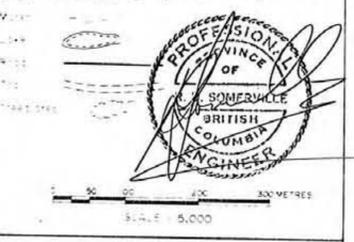
DEW GROUP

GEOLOGICAL LEGEND

SHEET INDEX

39	38	37	36	63
18	17	16	35	62
5	4	15	34	61
0	3	14	33	60
1	2	13	32	59

- SYMBOLS**
- Rock units (various symbols)
 - Structural features (various symbols)
 - Geological features (various symbols)



ERICKSON GOLD MINING CORP

GEOLOGICAL BRANCH ASSESSMENT REPORT

SURFACE GEOLOGY

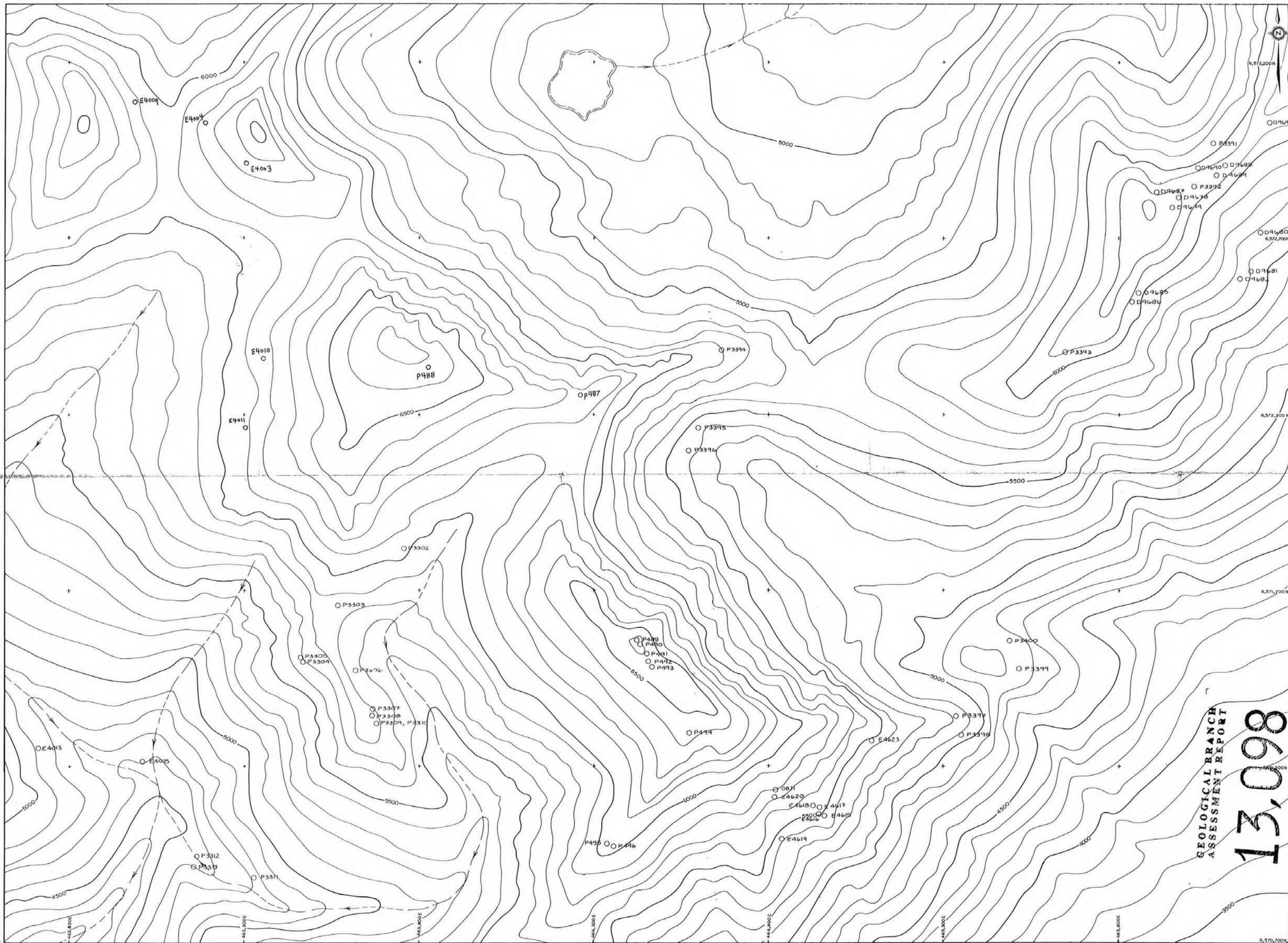
13,098

Project Name: ERICKSON Project No: 1003
 Lat: 59°17' Long: 129°37'
 Mining Division: LIARD NTS 104 R/2E

To accompany a report by: R. SOMERVILLE, P. Eng.
 M. BALL, M. Sc.

Alpha No: _____ Draw No: _____
 Date: NOV. 15/84 Map No: 38

MAP NO 3



SHEET INDEX

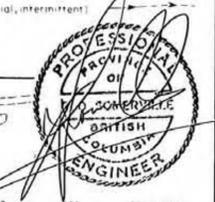
39	38	37	36	63
18	17	16	35	62
5	4	15	34	61
0	3	14	33	60
1	2	13	32	59

SYMBOLS

- Rock outcrop, area of outcrop, float: \times (XXX) (X)
- Geological boundary (defined, approximate, inferred): ---
- Bedding, tops known (hor. zone, inclined, vertical, overturned, dip unknown): --- --- --- --- ---
- Bedding, tops unknown (inclined, vertical, dip unknown): --- --- ---
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown): --- --- ---
- Lineation, axis of minor folds (horizontal, inclined, vertical): --- --- ---
- Drag fold (arrow indicates plunge): ---
- Fault (defined, approximate, interpreted): --- --- ---
- Joint (horizontal, inclined, vertical, dip unknown): --- --- ---
- Syncline (defined, approximate): --- ---
- Anticline (defined, approximate): --- ---
- Anticline and syncline, overturned (intensity (weak, moderate, strong)): --- --- ---
- Quartz vein (inclined, vertical, dip unknown): --- --- ---
- Zone of alteration: ---
- Trench: ---
- Adit or tunnel: ---
- Rock dump or tailings: ---
- Shaft, raise, winze: --- --- ---
- Diamond drill hole (entering section, leaving section): --- ---
- Contours: --- 2500 --- CT
- Stream or creek (perennial, intermittent): ---
- Moss: ---
- Lake: ---
- Road: ---
- Trail: ---
- Treed area: ---

SCALE 1:5,000

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**
13,098



ERICKSON GOLD MINING CORP.

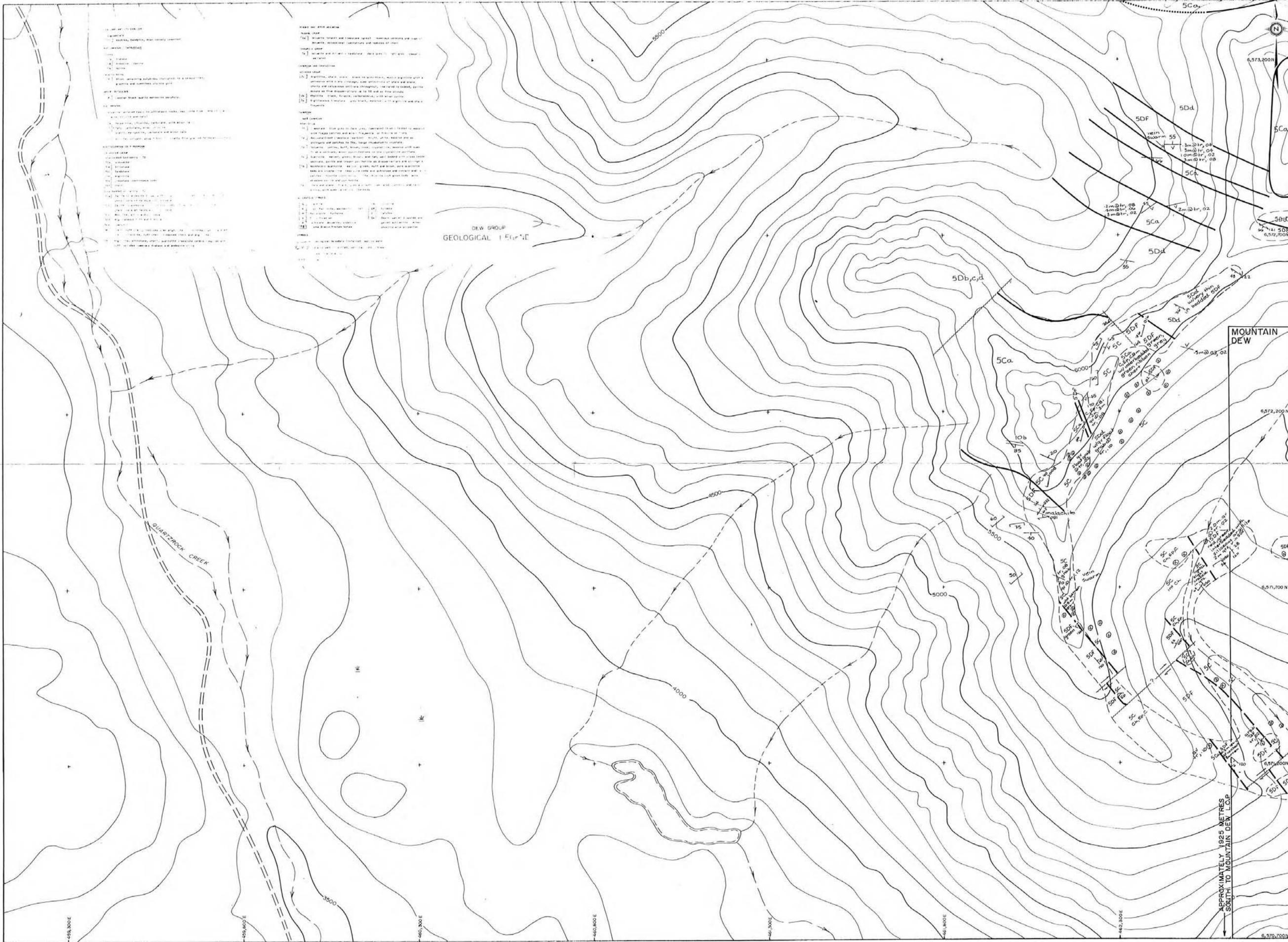
DEW GROUP

SAMPLE LOCATIONS

Project Name: ERICKSON Project No: 1003
 Latitude: 59°17' Longitude: 129°37'
 Mining Division: LIARD NTS: 104 P/4E

To accompany a report by: R. SOMERVILLE, P. Eng.
 M. BALL, M.Sc.

Alpha No: _____ Drawing No: _____
 Date: NOV 15/84 Map No: **38**
 MAP NO. 3a



SYMBOLS

Rock outcrop, area of outcrop, road x (xxx) x

Geologic boundary (defined, approximate, inferred)

Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)

Bedding, tops unknown (inclined, vertical, dip unknown)

Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)

Lineation, axes of minor folds (horizontal, inclined, vertical)

Drag fold (axis indicates plunge)

Fault (defined, approximate, interpreted)

Joint (horizontal, inclined, vertical, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline, overturned

Intensity (weak, moderate, strong)

Quartz vein (fractured, vertical, dip unknown)

Zone of alteration

Trench

Adit or tunnel

Rock dump or talings

Shaft, raise, winze

Diamond drill hole (entering section, leaving section)

Contours

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

Trail

reed area

SHEET INDEX

39	38	37	36	63
18	17	16	35	62
5	4	15	34	61
0	3	14	33	60
1	2	13	32	59

SYMBOLS

Rock outcrop, area of outcrop, road x (xxx) x

Geologic boundary (defined, approximate, inferred)

Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)

Bedding, tops unknown (inclined, vertical, dip unknown)

Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)

Lineation, axes of minor folds (horizontal, inclined, vertical)

Drag fold (axis indicates plunge)

Fault (defined, approximate, interpreted)

Joint (horizontal, inclined, vertical, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline, overturned

Intensity (weak, moderate, strong)

Quartz vein (fractured, vertical, dip unknown)

Zone of alteration

Trench

Adit or tunnel

Rock dump or talings

Shaft, raise, winze

Diamond drill hole (entering section, leaving section)

Contours

Stream or creek (perennial, intermittent)

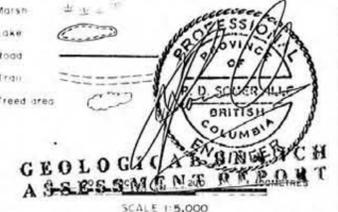
Marsh

Lake

Road

Trail

reed area



ERICKSON GOLD MINING CORP

DEW GROUP

13,098

SURFACE GEOLOGY

Project Name ERICKSON Project No 1003

Latitude 59° 17' Longitude 129° 41'

Mining Division LIARD NTS 104 R/4E

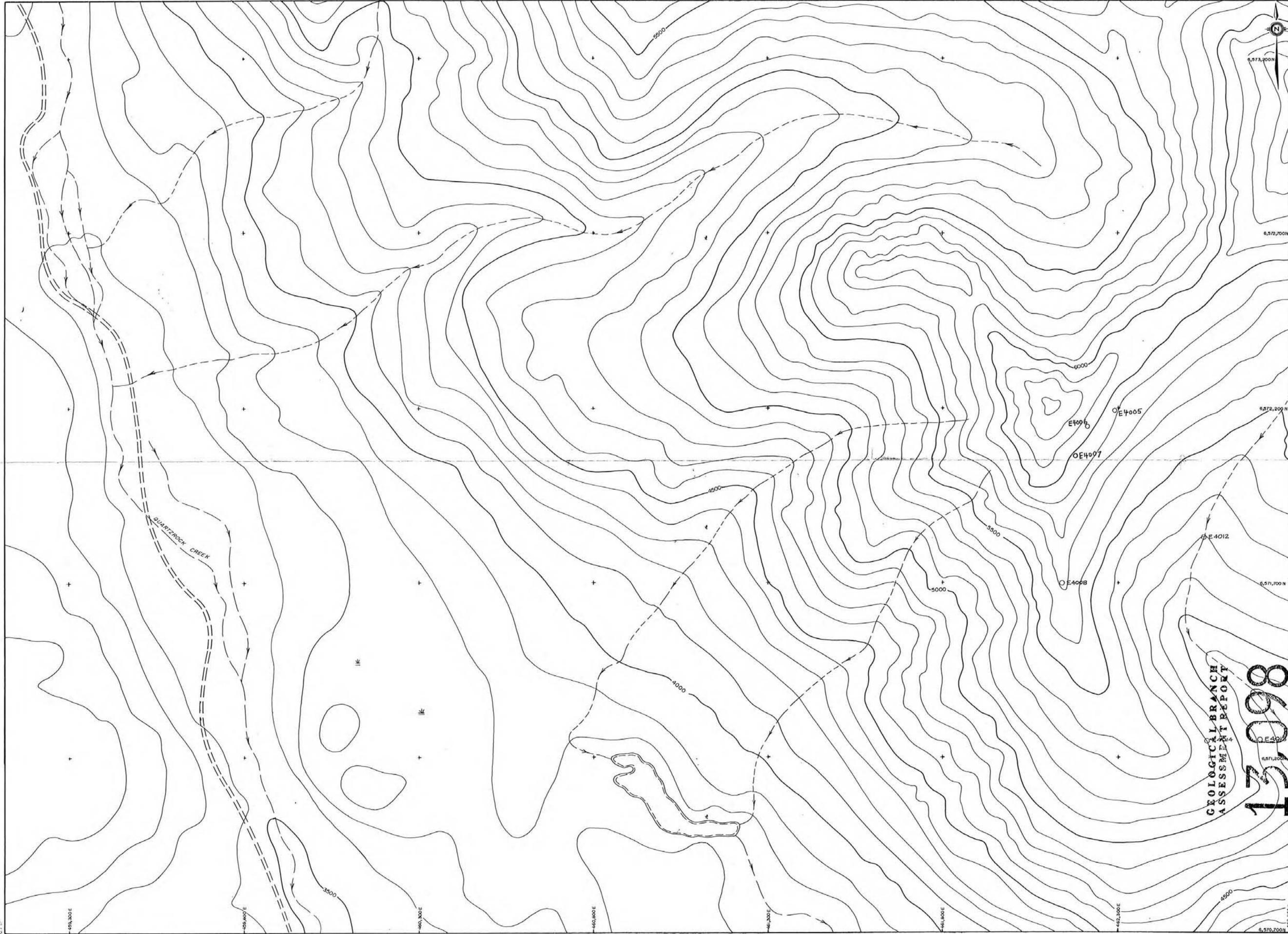
To accompany a report by R. SOMERVILLE, P. Eng. M. BALL, M.Sc.

Alpha No Drawing No

Date NOV. 15/84 Map No 39

MAP NO. 4

APPROXIMATELY 1925 METRES SOUTH TO MOUNTAIN DEW L.O.P.



6,573,000 N
6,572,000 N
6,571,000 N
6,570,000 N

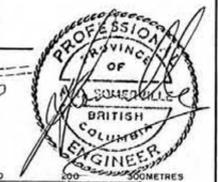
SHEET INDEX

39	38	37	36	63
18	17	16	35	62
5	4	15	34	61
0	3	14	33	60
1	2	13	32	59

SYMBOLS

- Rock outcrop, area of outcrop, float X (XXX) X
- Geological boundary (defined, approximate, inferred) ———
- Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown) + / X / X /
- Bedding, tops unknown (inclined, vertical, dip unknown) / / /
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown) + / / /
- Lineation, axis of minor folds (horizontal, inclined, vertical) //
- Drag-fold (arrow indicates plunge) /
- Fault (defined, approximate, interpreted) ———
- Joint (horizontal, inclined, vertical, dip unknown) + / / /
- Syncline (defined, approximate) — + —
- Anticline (defined, approximate) — + —
- Anticline and syncline (overturned) — + —
- Intensity (weak, moderate, strong) / / /
- Quartz vein (inclined, vertical, dip unknown) / / /
- Zone of alteration (dotted line)
- Tranch ———
- Adit or tunnel ———
- Rock dump or tailings ———
- Shaft, raise, winze ———
- Diamond drill hole entering section, leaving section ———
- Contours — 2500 — C.I.
- Stream or creek (perennial, intermittent) ———
- Marsh ———
- Lake ———
- Road ———
- Trail ———
- Treed area ———

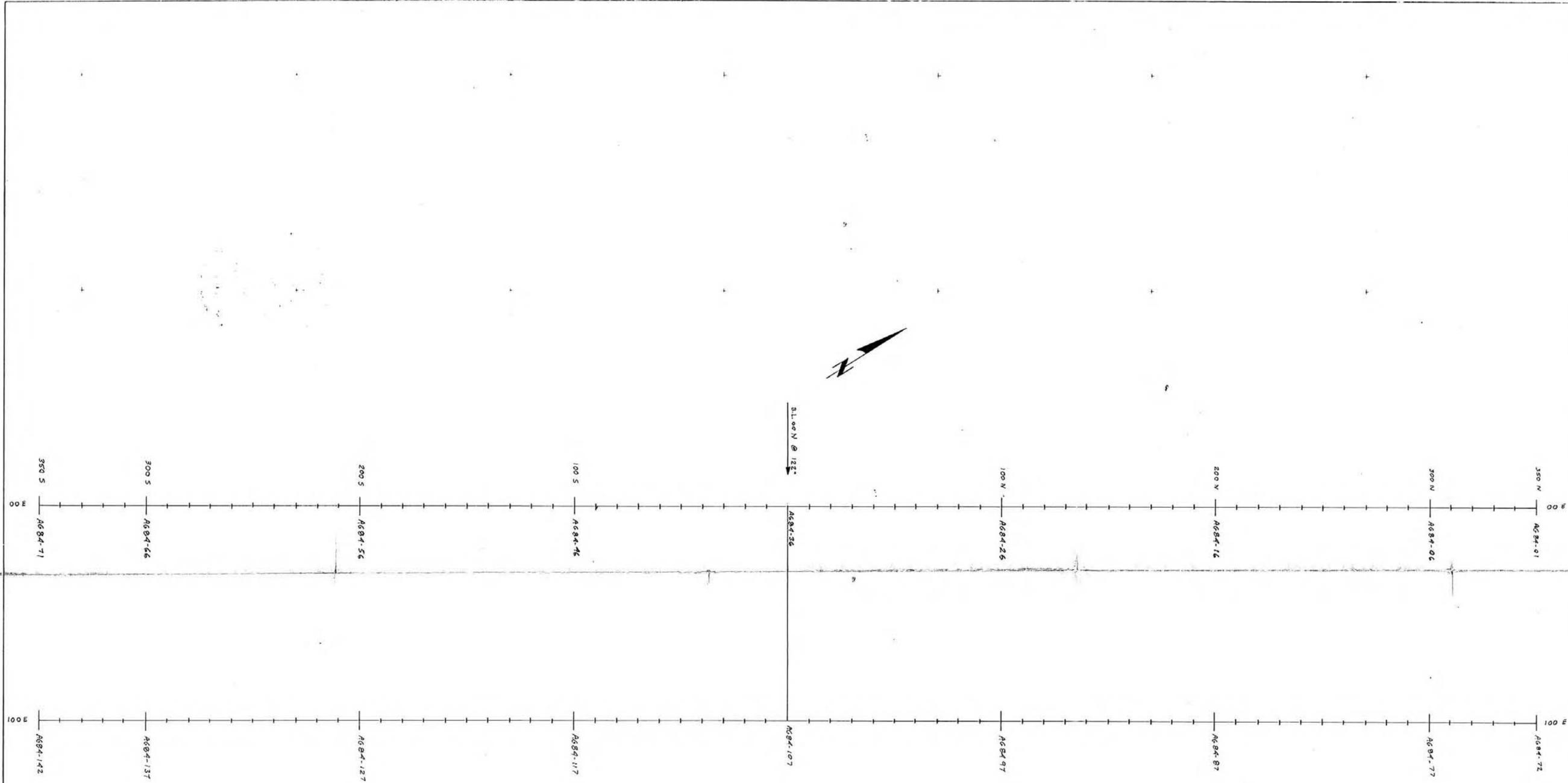
13,098
GEOLOGICAL BRANCH
ASSESSMENT REPORT



ERICKSON GOLD MINING CORP.

DEW GROUP
SAMPLE LOCATIONS

Project Name: ERICKSON Project No: 1003
 Latitude: 59° 17' Longitude: 129° 41'
 Mining Division: L.I.A.R.D. NTS: 04 P/4E
 To accompany a report by R. SOMERVILLE, P.Eng.
 M. BALL, M.Sc.
 Alpha No: Drawing No:
 Date: NOV. 15/94 Map No: 39
 MAP NO. 4a



AREA INDEX

68	67	66	5,575,000N
39	38	37	5,573,000N
18	17	16	5,570,000N
5	4	15	5,568,000N
			5,565,000N
495,000E	492,000E	489,000E	486,000E

ENLARGEMENT OF AREA 37

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
R	E	D	C	A	S	F	A	B	K											
S	F	A	B	K																
T	G	H	I	J																
U	V	W	X	Y																

- SYMBOLS**
- Rock boundary
 - defined, approximate, inferred
 - Bedding, rock known
 - Bedding, rock unknown
 - Schistosity, gneissosity, cleavage
 - Joint, zone
 - Symbol defined, approximate
 - Anticline, syncline
 - Intensity (weak, moderate, strong)
 - Quartz vein, fracture, period, etc.
 - Zone of alteration

- Topography
- Water
- Vegetation
- Other

Scale: 1:11,000

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
13,098

ERICKSON GOLD MINING CORP

**DEW GROUP
GEOCHEMISTRY
SOIL SAMPLE LOCATIONS**

Scale: 1:11,000

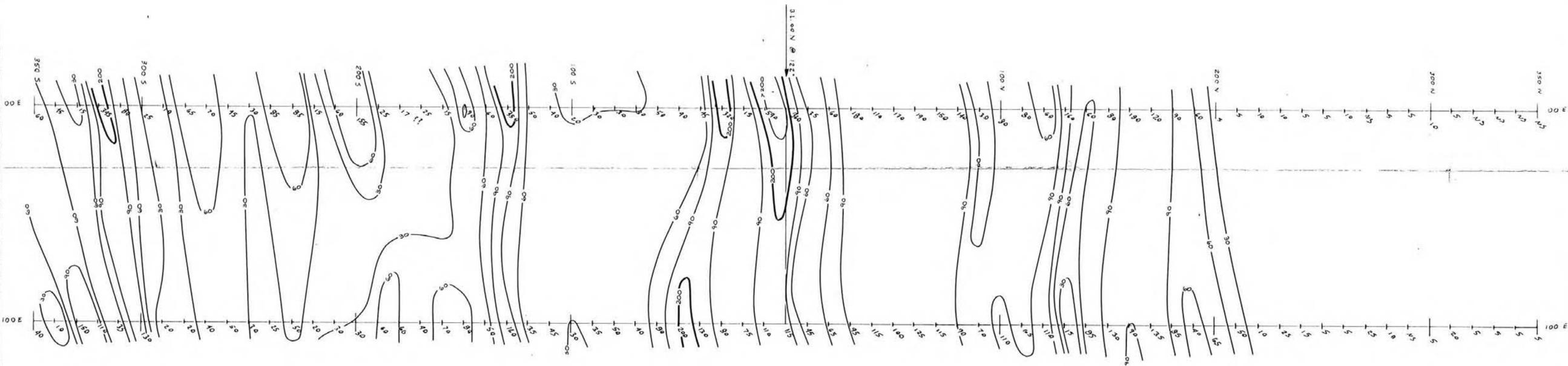
Projection: UTM Zone 18Q

Datum: NAD 83

Coordinate System: UTM

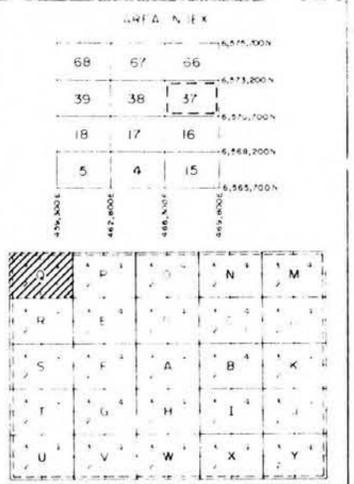
Author: SOMERVILLE, P. Eng.
M. BALL, M.Sc.

Date: NOV 15/84

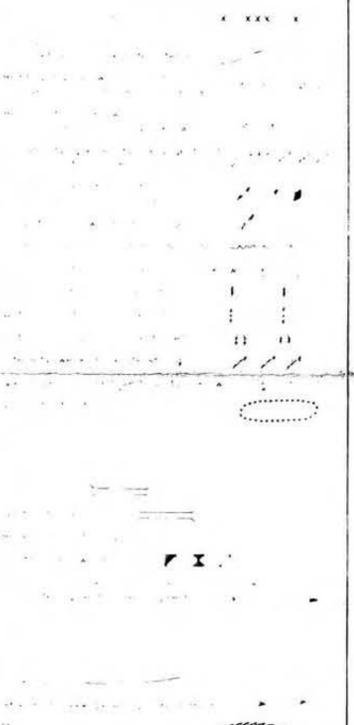


GEOLOGICAL BRANCH
 ASSESSMENT REPORT
13,098

LEGEND	
GOLD (ppb)	
POSSIBLY ANOMALOUS	30 - 60 ppb
PROBABLY ANOMALOUS	60 - 90 ppb
ANOMALOUS	90 - 200 ppb
VERY ANOMALOUS	> 200 ppb



DEPARTMENT AREA 37
SYMBOLS



ERICKSON GOLD MINING CORP

DEW GROUP
 GEOCHEMISTRY
 SOIL SAMPLING
 GOLD

NOV. 15/84
 M. BALL, M.Sc.
 6

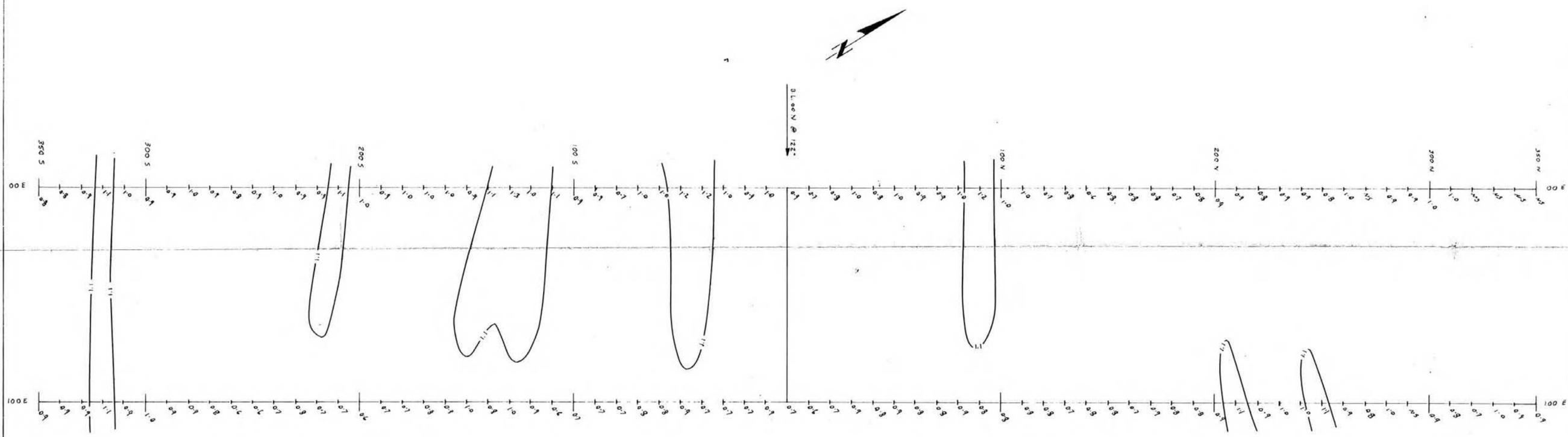
AREA INDEX

68	67	66	6,575,000N
39	38	37	6,573,000N
18	17	16	6,570,000N
5	4	15	6,565,000N
458,000E	462,000E	466,000E	470,000E

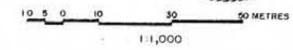
	P	O	N	M
R	E	D	C	L
S	F	A	B	K
G	H	I	J	
U	V	W	X	Y

ENLARGEMENT OF AREA 37

SYMBOLS



GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,098



LEGEND

SILVER (ppm)

POSSIBLY ANOMALOUS	>1.1	ppm
PROBABLY ANOMALOUS	N/A	ppm
ANOMALOUS	N/A	ppm
VERY ANOMALOUS	N/A	ppm

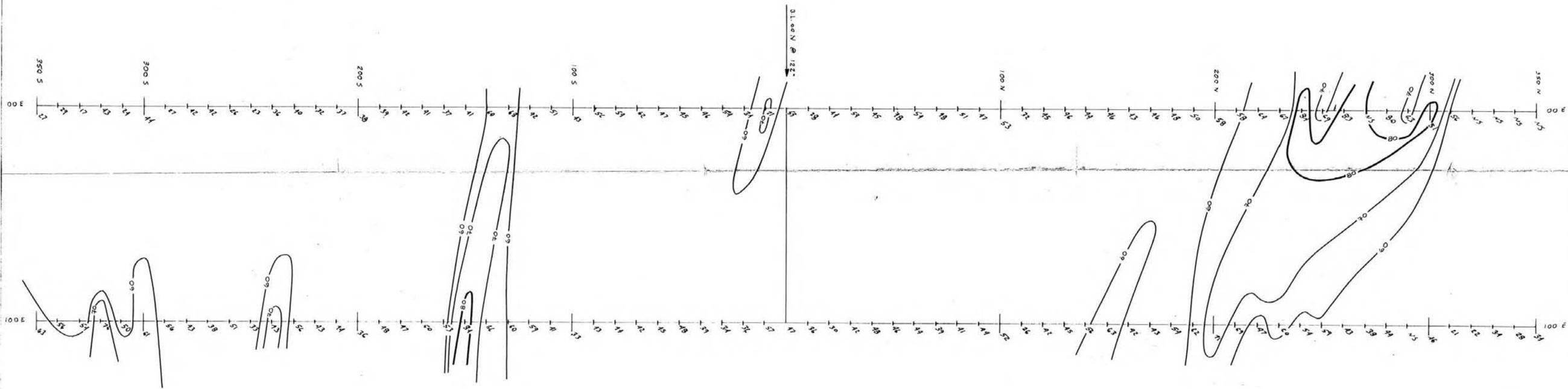
ERICKSON GOLD MINING CORP

DEW GROUP
GEOCHEMISTRY
SOIL SAMPLING
SILVER

NOV 15 1984

R. SOMERVILLE, P. Eng
M. BALL, M. Sc.

NOV. 15/84



AREA INDEX

68	67	66	6,575,000N
39	38	37	6,573,000N
18	17	16	6,570,000N
5	4	15	6,568,000N
			6,565,000N

456,000E 462,000E 468,000E 474,000E

1	2	3	4	5
P	O	N	M	
R	E	D	C	L
S	F	A	B	K
T	G	H	I	J
U	V	W	X	Y

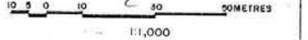
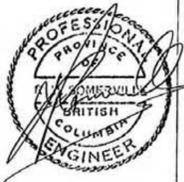
SYMBOLS

Legend for symbols used in the report, including various line styles and symbols for geological features.

GEOLOGICAL BRANCH
 APPRAISAL REPORT
 13,098

LEGEND
ANTIMONY (ppm)

POSSIBLY ANOMALOUS	60 - 70	ppm
PROBABLY ANOMALOUS	70 - 80	ppm
ANOMALOUS	>80	ppm
VERY ANOMALOUS	N/A	ppm



ERICKSON GOLD MINING CORP

DEW GROUP
GEOCHEMISTRY
SOIL SAMPLING
ANTIMONY

M. BALL, M.Sc.

AREA INDEX

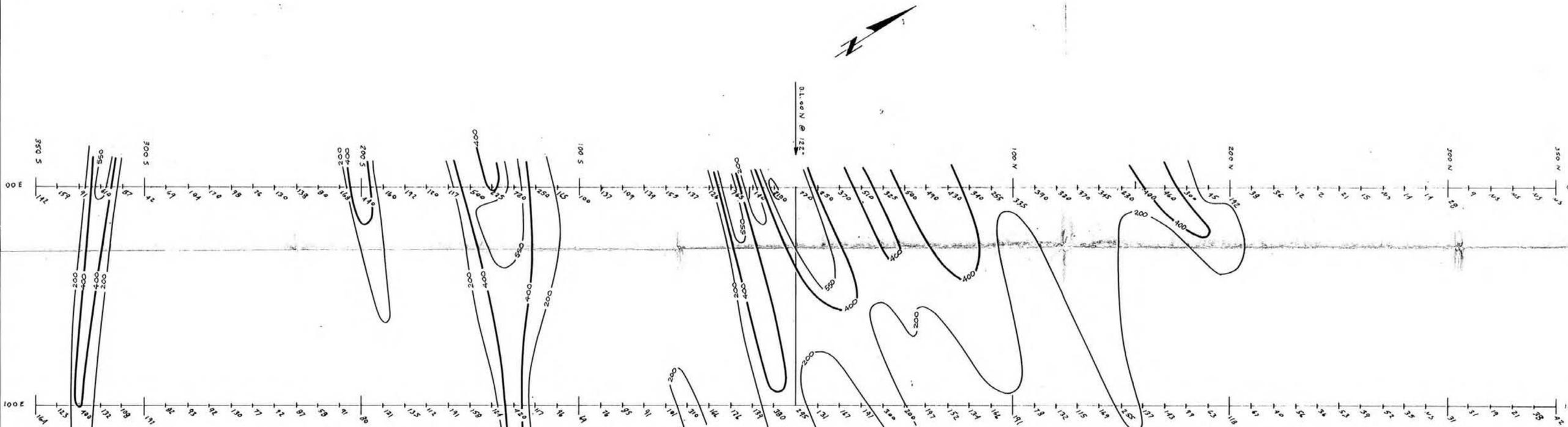
68	67	66	5,575,00N
39	38	37	5,573,00N
18	17	16	5,570,00N
5	4	15	5,568,00N
			5,565,00N
458,00E	462,00E	466,00E	470,00E

	S	P	O	N	M
R	E	D	C	L	
S	F	A	B	K	
G	H	I	J		
U	V	W	X	Y	

ENLARGEMENT OF AREA 37

SYMBOLS

	X	XXX	X



LEGEND
 ARSENIC (ppm)

POSSIBLY ANOMALOUS	200 - 400 ppm
PROBABLY ANOMALOUS	400 - 550 ppm
ANOMALOUS	550 - 800 ppm
VERY ANOMALOUS	> 800 ppm

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 13,098

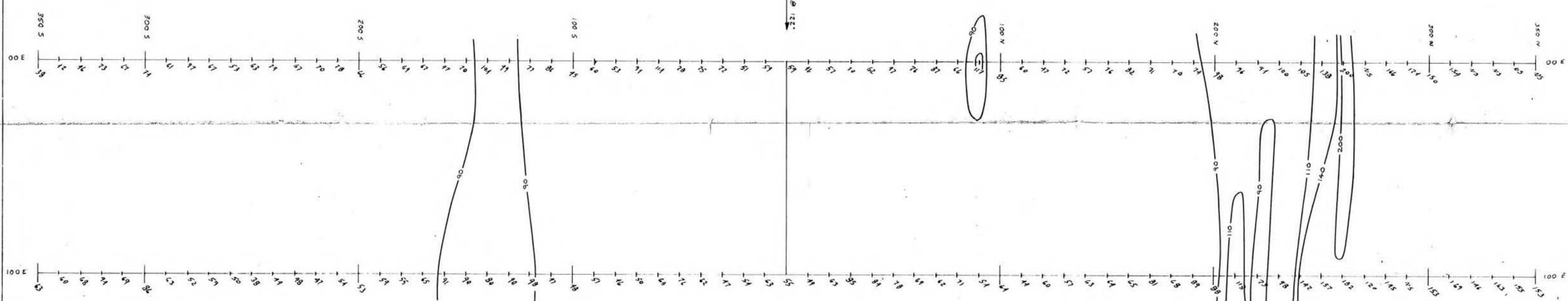


10 20 30 50 METRES
 1:1,000

ERICKSON GOLD MINING CORP

DEW GROUP
 GEOCHEMISTRY
 SOIL SAMPLING
 ARSENIC

1003
 59° 3' 29" N
 129° 4' 04" W
 LARD
 04P4E
 M. BALL, M.Sc.
 NOV. 15/84



AREA INDEX

68	67	66	6,575,00N
39	38	37	6,573,200N
18	17	16	6,570,700N
5	4	15	6,568,200N
			6,565,700N

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	P	O	N	M																
2	R	E	D	C	L															
3	S	F	A	B	K															
4	T	G	H	I	J															
5	U	V	W	X	Y															

SYMBOLS

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
13,098

LEGEND
COPPER (ppm)

POSSIBLY ANOMALOUS	90-110 ppm
PROBABLY ANOMALOUS	110-140 ppm
ANOMALOUS	>140 ppm
VERY ANOMALOUS	N/A ppm



0 10 20 30 40 50 METRES
1:10,000

ERICKSON GOLD MINING CORP

DEW GROUP
 GEOCHEMISTRY
 SOIL SAMPLING
 COPPER

M. BALL, M.Sc.

NOV 15/84

10