85-1136-14375

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

OWNER: Stan Case
AJM Metals Ltd.
Erickson Gold Mining Corporation
Wapoco Agencies Limited

OPERATOR: Erickson Gold Mining Corp.

WORK DONE ON: Elan 2 (20 units), [redacted]

WORK PERFORMED: 13 July - 3 September, 1985

FILMED

LOCATED: NTS 104 P/5E and 104P/5W
Latitude 59°17'
Longitude 129°[redacted]44'
Northernmost central British Columbia, Canada

BY: Eric Dussell, Geologist; under the direction of R. Somerville, P. Eng.

DATE: February 20, 1986

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

85-113L

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40.S.1	Sample Location Numbers	1:1000
40.S.2	Soil Geochemistry Map for Au	1:1000
40.S.3	Soil Geochemistry Map for Ag	1:1000
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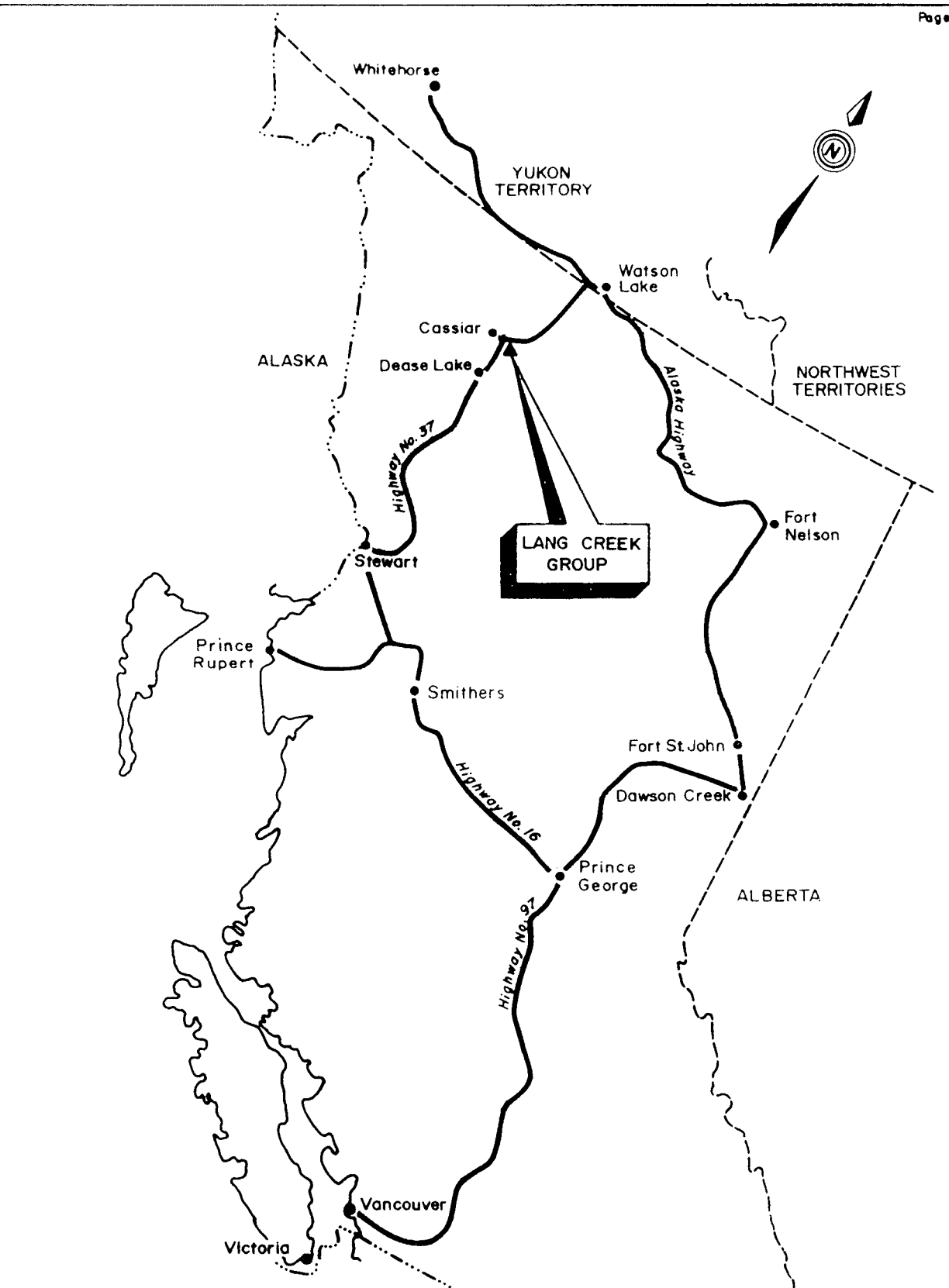


LANG CREEK GROUP

INDEX MAP

ERICKSON GOLD CAMP

FEB. 15, 1986

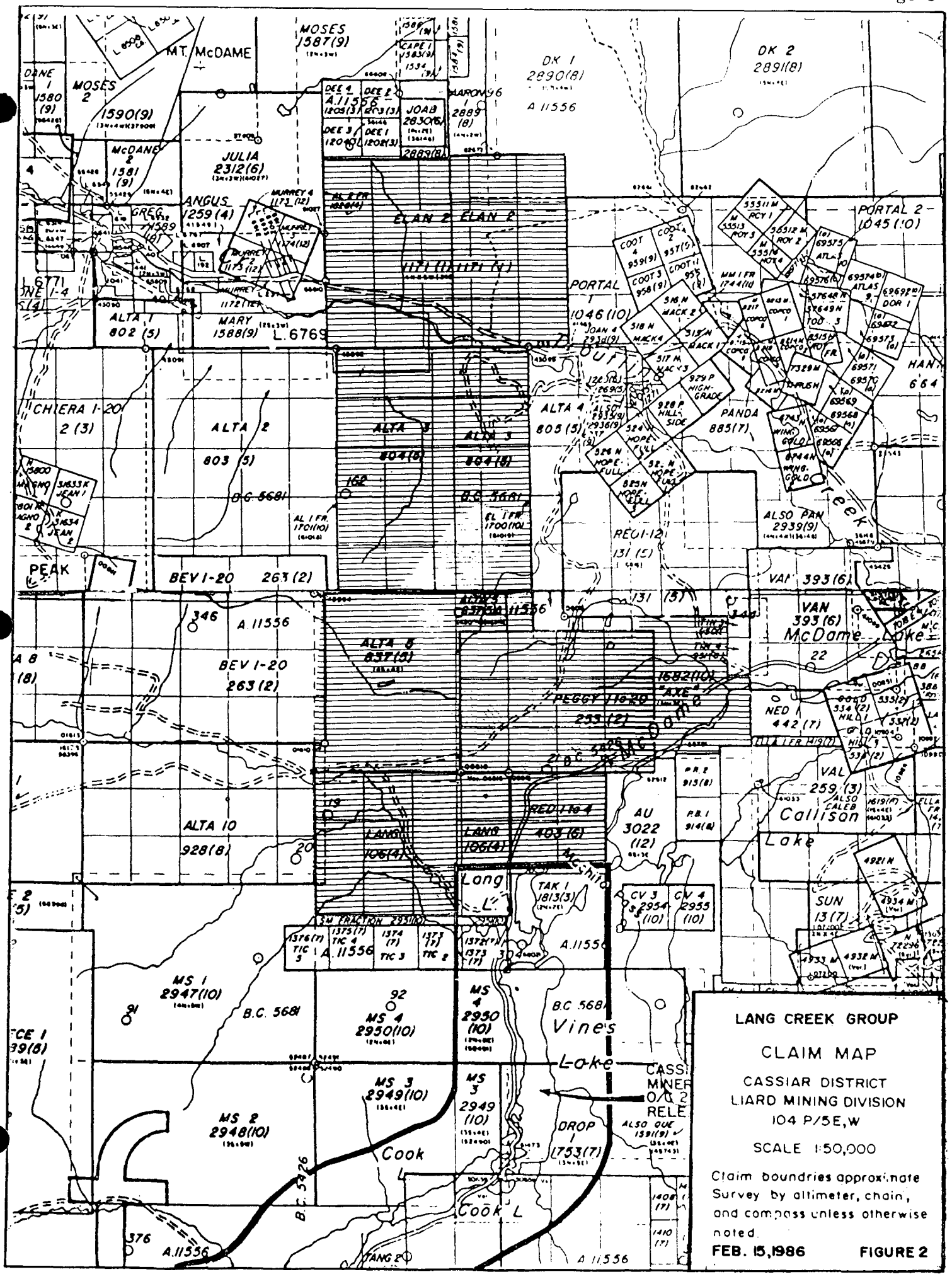
100 50 0 100 200 km

SCALE 1:7,500,000

FIGURE 1

1.0 CLAIM RECORD - Lang Creek Group

Claim Name	Record No.	Record Date	Owner	Units
Elan 2	1171	30/Jan/80	S. Case	20
Al 1 Fr.	1701	23/Oct/80	AJM Metals Ltd.	1
Alta 3	0804	31/May/79	Wapoco Agencies Ltd.	20
Alta 5	0837	31/May/79	" " "	16
Peggy 1-12	0253	15/Feb/77	" " "	12
Axe	1682	21/Oct/80	Erickson Gold Mines Ltd.	9
Lang 1-12	0106	8/Apr/76	Wapoco Agencies Ltd.	12
Red 1-4	0403	29/Jun/77	" " "	4



LANG CREEK GROUP

CLAIM MAP

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

SCALE 1:50,000

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

FEB. 15,1986 **FIGURE 2**

2.0 INTRODUCTION

During the period 13 July to 3 Sept. 1985, an extensive exploration programme was undertaken on the Elan 2 claim, Lang Creek Group. The Elan 2 together with adjoining claims in the area are collectively known as the "Elan" property. This work included grid establishment, rock and soil sampling, trenching and geological mapping.

The recent discovery of gold at Elan has changed the complexion of what was initially considered a silver prospect and generated incentive for continued exploration.

3.0 PROPERTY LOCATION AND ACCESS

The Elan property is situated 4 km east of Cassiar in northernmost central British Columbia, Canada (Figure 1). The Cassiar highway transects the southern portion of the property and intersects the Stewart-Cassiar highway 150 km south of Watson Lake, Y.T. The interior and northern portions of the Elan 2, as well as adjoining claims, are accessible by four-wheel-drive cat road during the summer months (see Map 40.A).

The claims lie within the well-glaciated alpine terrane of the Cassiar Mountains, which is characterized by high relief, rugged topography and broad, U-shaped valleys.

4.0 PROPERTY HISTORY

As is the case with most gold camps, placer gold attracted the first prospectors to the area. A gold rush into the Cassiar district was initiated by Henry McDame's discovery of gold in McDame Creek in 1874. By 1894, over 70,000 ounces had been removed from the local creeks and streams. Lode gold possibilities were not exploited until 1934 when J.F. Callison staked the first mineral claims near Quartz Creek. A small rush ensued with the result that, by 1935, most of the presently known showings in the area had been discovered (Somerville and Basnett, 1983).

The Cassiar mine began production in 1954. Being only 4 km east of town and accessible from the Cassiar highway, the Elan property has undoubtedly been heavily prospected since that time. The Elan 2 claim was staked by prospectors John Hope and Stan Case in January, 1980. After the successful trenching of a one metre wide silver-bearing quartz vein, the claim was optioned to AJM Ltd. later that year. A road was constructed to the vein showing, and 246 soil samples taken from a 400 m X 100 m grid which was established over the area. Geological mapping on a 1:500 scale was undertaken concurrently with soil sampling. A limited drilling program of 17 holes totalling 931.9 metres of B.Q. diameter core was conducted on the "Elan vein".

In September 1981 of the following year, the grid was extended to the north and west with 174 additional soil samples taken. A second grid was established on the nearby Angus and Murrey claims and 71 soil samples collected.

Assesment work was resumed in 1983. Four holes totalling 214.5 metres of B.Q. diameter core were drilled on the Coot Group claims and twelve holes totalling 721.8 metres, drilled on the Elan 2 claim.

In 1984, an 1800 m X 450 m grid was established over the DEE 1-4, Joab, Aaron and Elan 2 claims. The access road was extended 2800 metres to the western boundary of the new grid near the Boomerang vein showing (see Map 40.A). A total of 2551 soil samples were collected and nine trenches dug by backhoe.

5.0 PROPERTY GEOLOGY

The Elan property is situated within the Sylvester Allocthon on the northeastern margin of the Cassiar Batholith. The Sylvester Allocthon, an important regional structure, is a fault bound, imbricate assemblage of upper Paleozoic oceanic rocks, thrust over sedimentary strata autochthonous or parautochthonous to the North American craton.

5.1 Lithology

The Elan property is underlain by rocks of the Sylvester Group (see Geological Legend, Figure 2). The lithologies are of oceanic affinity and include greenstone, chert, clastic sedimentary rocks, and a carbonate-altered ultramafic termed "listwanite".

Greenstone is a term used by Gabrielse (1963) for the characteristically massive, fine-grained greenish volcanics outcropping in the vicinity of McDame Lake. Both flow-type and pyroclastics are represented. Pillow structures can be found along the volcanic ridges above 1500 m elevation as well as at low elevations along the southern portion of the Elan 2 claim (Basnett, 1984). Composition ranges from andesitic to tholeiitic basalt.

Chert occurs as both a light green variety, distinguished with difficulty from intensely silicified volcanics, and as a bluish-white variety which characteristically shows ribbon bedding. Light green chert is most commonly encountered interbedded with volcanics. Bluish-white ribbon chert occurs interbedded with argillite and is exposed within a saddle at the 1720 metre east of the Boomerang vein showing.

Black argillite is the major component of the sedimentary package. Also included are black limestone which grades into calcarious argillite, siltstone, sandstone and white limestone. Turbidite outcrops along the creek where the Lyla vein is exposed.

Listwanite outcrops as small, fault-bound lenses or pods which appear to represent tectonically emplaced fragments of sub-oceanic crust subsequently altered to listwanite. The quartz-carbonate variety is common and is easily recognized in outcrop by its distinctive greenish color and texture. Listwanite occurs within or adjacent to clastic sedimentary rocks within highly faulted zones on the property.

LEGEND - SYLVESTER GROUP

MISSISSIPPIAN TO (?) PERMIAN

SYLVESTER GROUP

Interbedded Sediments - 5D

5Da Greywacke

5Db Siltstone

5Dc Sandstone

5Dd Argillite

5De Limestone (continuous pods)

5Df Chert, ribbon chert, interbedded chert and argillite

Interbedded Volcanics - 5C

5Ca Massive meta-basalt to andesite flows, without pillows, occassional local phenocrysts of feldspar or pyroxene.

5Cb Meta-basalt to andesite tuff breccia and/or flow breccia, with local phenocrysts of feldspar or pyroxene, pillow volcanics.

5Cc Rhyolite, sills and/or dykes.

5Cd Argillaceous tuff and breccia.

5Ce Cherty tuff, tuffaceous chert.

5B Undifferentiated metasediments: Chert, tuff chert, includes some argillite, in northeast well layered chert - phyllite, ribboned chert and argillite.

5A Argillite, siltstone, chert, quartzite limestone pebble conglomerate, tuff includes numerous diabase and andesite sills.

5.2 Structure

The claims lie within the southwest limb of the Sylvester Allocthon whose major axis trends NW-SE as shown by Figure 2. Foliation is roughly NW-SE with dip angles ranging from -45 northeast to subvertical. Volcanics commonly contain up to three jointing sets; however, the dominant attitude is roughly E-W with a steep dip angle to the south. This pervasive E-W trend is important since most quartz veins on the Elan and adjoining properties share this attitude.

Above tree line, the surface trace of faults is indicated by fault rubble in linears with slickensided scarps. Topography, aided by aerial photographs, enables faults to be traced below tree line. Lack of detailed knowledge of stratigraphy precludes the determination of offset magnitudes and directions with any confidence.

As shown by Map 40.B, a series of NW-SE trending faults transect the volcanic ridges above the Elan 2 claim and a large, regional fault trending slightly north of west cuts the entire assemblage of rocks. The Lyla vein is located along this fault. A wedge of argillite, chert and listwanite occurs in fault contact with volcanics in the saddle between the Boomerang and Lucky veins.

5.3 Mineralization

The Elan property contains important features present in the world's major gold camps (Hodgson, 1985), viz.,

1. Mafic and ultramafic volcanic rocks
2. Clastic sedimentary rocks
3. Intrusives
4. Extensive carbonate alteration
5. Complex structure, i.e. faults, shears, dilatent zones
6. Placer gold in local creeks and streams

The quartz veins at Elan most commonly trend roughly E-W, appear to be strong, continuous structures and are well mineralized by tetrahedrite and its alteration products, malachite and azurite. The recent discovery of visible gold by Basnett in the Boomerang vein float, an assay of 0.174 oz/ton Au in select samples of the Lyla vein, and gold soil anomalies in excess of 3000 ppb have changed the complexion of what was originally considered to be a silver prospect. To date, three mineralized veins are of particular interest due to their sizeable dimensions, abundant sulfide content and proximity to listwanite - an important parameter within the Erickson Gold Camp. The following is a description of these veins as a result of trenching, mapping and sampling during the 1984 and 1985 field seasons.

5.3.1 Boomerang Vein

The Boomerang vein outcrops on the south side of a volcanic ridge at 1770 metres elevation on the Dee 4 claim (see Map 40.B). The vein strikes northwest at 122 AZ and dips 67 degrees to the southwest. A 70 metre long trail of float curves downslope to the south producing the characteristic boomerang shape. Quartz subcrops for over 80 metres to the northwest. Trenching of the vein in 1984 exposed a width of 2.0 metres, which was well mineralized in tetrahedrite, pyrite, sphalerite and trace chalcopyrite. Malachite and azurite, the weathering products of tetrahedrite, are also abundant. Thorough sampling of the vein outcrop, subcrop and float in 1985 failed to detect significant gold values; however, Basnett reports visible free gold in the float. Sample locations and results are plotted on Maps 40.L.2 and 40.L.2

A N-S trending fault scarp 60 metres east of the Boomerang vein trench outcrop appears to truncate the vein. The curvature of the float downslope suggests right-lateral offset.

5.3.2 Lucky Vein

The Lucky Vein is exposed for 15 metres within a deep trench on section 400E (1984 grid) immediately south of the access road (see Map 40.R.1). The vein strikes 160 AZ, dips 50 northeast and is located at the contact between black, carbonaceous limestone in the hanging wall and black argillite. Vein thickness averages between 1.0 and 1.5 metres. The hanging wall portion of the vein contains massive tetrahedrite, malachite, and azurite mineralization. Representative chip samples indicate gold values average less than 0.05 oz/ton and silver values at 4 oz/ton. However select samples from highly mineralized portions of the vein have run as high as 0.174 oz/ton Au and 48.5 oz/ton Ag.

A trench 20 metres to the north (see Map 40.R.1) has exposed what appears to be the northwestward extension of the Lucky Vein. However, the vein in the north trench is totally barren of sulfides and contains no gold or silver values. Continued trenching to the northwest is prevented by the increasing depth of overburden.

Sample locations and results are shown on Map 40.R.2.

5.3.3 Lyla Vein

The Lyla vein is located along a major E-W trending fault and is exposed in outcrop for over 50 metres within a creek between 1984 grid sections 1650 E and 1750 E (see map 40.D.1). The vein strikes 110 AZ, dips 60 degrees southwest and averages 1.3 metres in thickness. Mineralization is sporadic and includes tetrahedrite, malachite, azurite, sphalerite, pyrite and rare chalcopyrite. The concentration of sulfides is especially intense where the vein is in contact with listwanite. Representative chip samples indicate only trace amounts of gold. Silver values average between 1.0 and 2.0 oz/T. Sample location and results are shown on Map 40.D.2.

6.0 SUMMARY OF WORK

During the period 13 July to 3 Sept 1985, a comprehensive exploration programme was undertaken on the Elan 2 and adjoining claims. This work included grid establishment, rock and soil sampling, trenching and geological mapping.

7.0 LINE CUTTING

A 1000 m X 2000 meter grid was established to provide control for soil/rock sampling and geological mapping. The configuration and location of this grid is shown on map 40.A. Lines were located by chain, compass and altimeter and cut to a width of one metre by chainsaw. Pickets were established at 10 metres intervals and flagged. A total of 24,090 metres of line were chained, cut and picketed. This work involved the expenditure of 99 man-days labor.

8.0 TRENCHING AND LITHOGEOCHEMISTRY

Nine trenches were dug by backhoe during 1985 totalling approximately 600 metres. The location and dimensions of these trenches are summarized in Table 1 and shown on maps 40.B, 40.R.4, and 40.R.6). Quartz and pyritic rocks exposed by trenching were sampled and analysed by fire assay for gold and silver. Quartz subcrop, outcrop and float throughout the property were also sampled and analysed for these elements. The gold and sliver analyses were conducted at the Erickson mine site assay lab. Lab procedure for fire assay analysis at Erickson is located in Appendix I. Rock sample locations and results are shown on Maps 41.L.1 to 40.R.6.

9.0 GEOLOGICAL MAPPING

A total of 39 man days were expended mapping the Elan property on a scale of 1:5,000 (see Map 40.B). Structurally complex areas were mapped on a 1:1,000 scale (Map 40.R.4) and trenches on a 1:500 scale (Map 40.R.6).

10.0 SOIL GEOCHEMISTRY

10.1 Field Procedures

Soil samples were taken at 10 metre intervals along lines spaced 100 metres apart. At each sample site, a hole approximately 30 centimetres deep was dug with a mattock, and soil from the B horizon placed in a kraft sample envelope using a garden trowel. Where the B horizon was absent, the A horizon was sampled. A total of 2551 samples were collected. Samples were sent to Min-en Laboratories Ltd., 705 West 15th Street, North Vancouver, BC, and analysed for Ag and Au.

10.2 Laboratory Procedures

10.2.1 Analytical Procedure for Au

Geochemical samples for gold are processed by the following procedures at 705 Min-en Laboratories Ltd. at 705 West 15 Street, North Vancouver.

After drying the samples at 95 degrees celsius, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus mesh fraction for analysis.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO and HCLO mixture.

After pretreatments, the samples are digested with Aqua Regia

solution, and after digestion the samples are taken up with 25% HCL to suitable volume.

At this stage of the procedure, copper, silver and zinc can be analysed from suitable aliquote by Atomic Absorption Spectrophotometer procedure.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

10.2.2 Analytical Procedure for Ag

Geochemical sample for Gold processed by Min-en Laboratories Ltd. at 705 West 15th Street, North Vancouver Laboratory employing the following procedures.

After drying the samples at 95 celsius, soil and stream sediment sample are screened by 80 mesh sieve to obtain the minus 80 mesh fractionfor analysis.

1.0 gram of the samples are digested for 6 hours with HNO and HCLO mixture.

After cooling the smaples are diluted to standard volume. The solutions are analysed by Atomic Absorbtion Spectrophotometer.

Copper, Zinc, and Silver are analyzed using the CH H -Air Flame combination.

10.3 Statistical Analysis

The number of values within each class interval were tallied and used to construct histograms and calculate cumulative frequencies in the usual manner. A probability curve through data points was plotted on arithmetic

TABLE 1

Trench Location (1984 Grid)	Dimensions (metres) (length X width X depth)
LINE 00E	150 X 8 X 5
LINE 100E	150 X 8 X 5
LINE 150E	30 X 8 X 3
---	15 X 10 X 3
LINE 325E	50 X 7 X 3
LINE 350E	20 X 7 X 4
LINE 400E	50 X 4 X 7
---	40 X 4 X 7
LINE 850E	95 X 5 X 5

paper by computer. This method allows partitioning of individual populations from a polymodal distribution and determination of the thresholds and geometric mean of each population. Histograms and other data are located in Appendix III.

10.3.1 Gold

Figure 3 is a computer probability plot of data from Appendix III. The computer constructs a "best-fit" probability curve through data points and calculates thresholds of populations from inflection points on the curve. Logarithms of values are plotted on the ordinate and cumulative percent on the abscissa. Individual populations plot as diagonal lines and population thresholds as horizontal lines. As shown in the diagram, distribution of gold values show four populations whose threshold values are listed in the lower right of the Figure (log ppb). This data can be summarized as follows:

Group	Population	Interval
I	4 only	greater than 661
II	mix of 4 and 3	280 - 660
III	3 only	110 - 280
IV	mix of 2 and 3	60 - 110
V	2 only	10 - 60
VI	1 only	less than 10

Population 4 is anomalous and values greater than 661 are top priority for follow-up examination. Group II contains a significant contribution from population 4 and a lower priority can be attached to this group for follow-up. The remaining three background populations presumably correspond to different lithologies although more geological information within the grid area is required to confirm this.

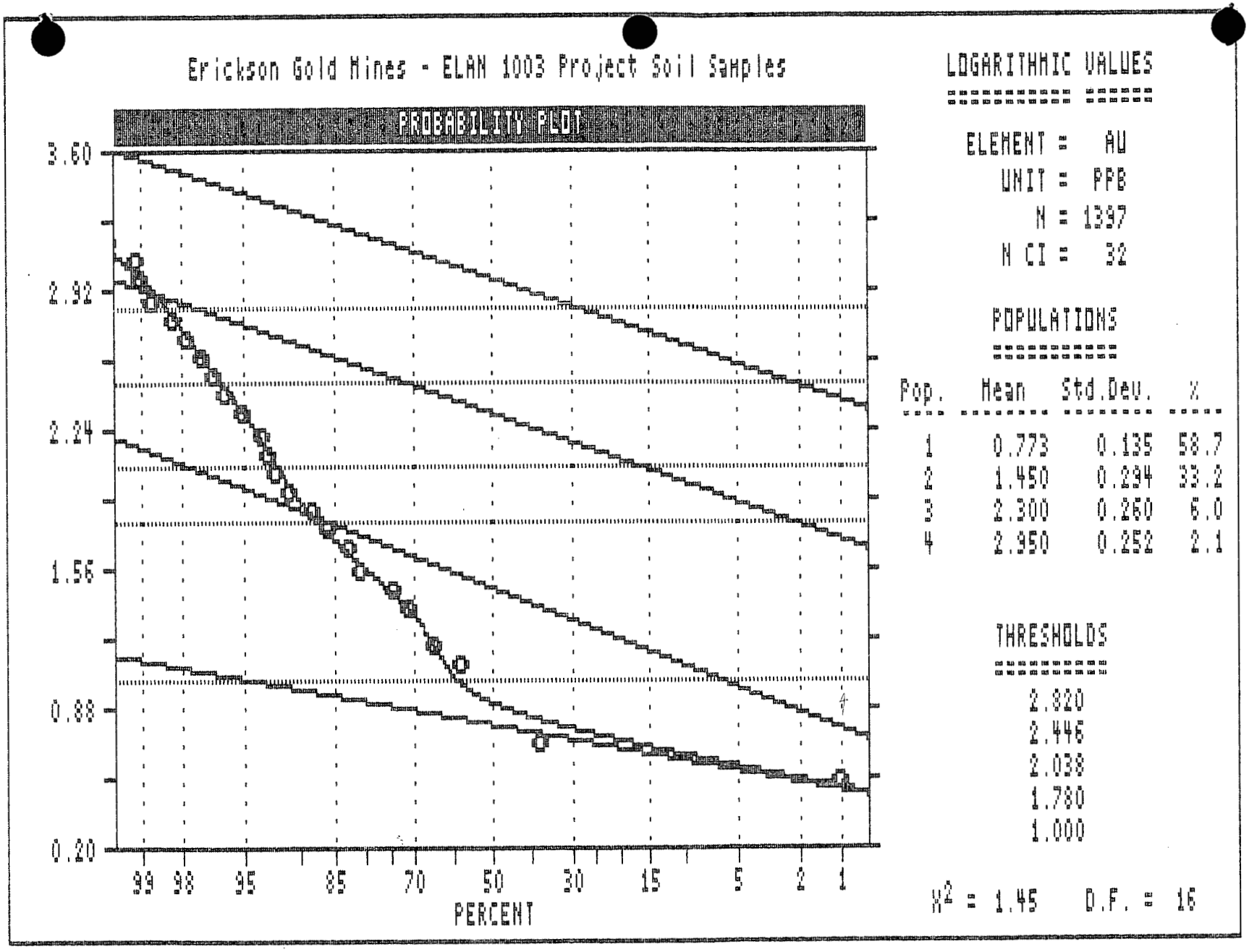

Erickson Gold Mines - ELAN 1003 Project Soil Samples
PROBABILITY PLOT
3.60
2.92
2.24
1.56
0.88
0.20
99 98 95 85 70 50 30 15 5 2 1
PERCENT
LOGARITHMIC VALUES
ELEMENT = AU
UNIT = PPB
N = 1397
N CI = 32
POPULATIONS
Pop. Mean Std.Dev. %
1 0.773 0.135 58.7
2 1.450 0.294 33.2
3 2.300 0.260 6.0
4 2.950 0.252 2.1
THRESHOLDS
2.820
2.446
2.038
1.780
1.000
χ^2 = 1.45 D.F. = 16

FIGURE 4

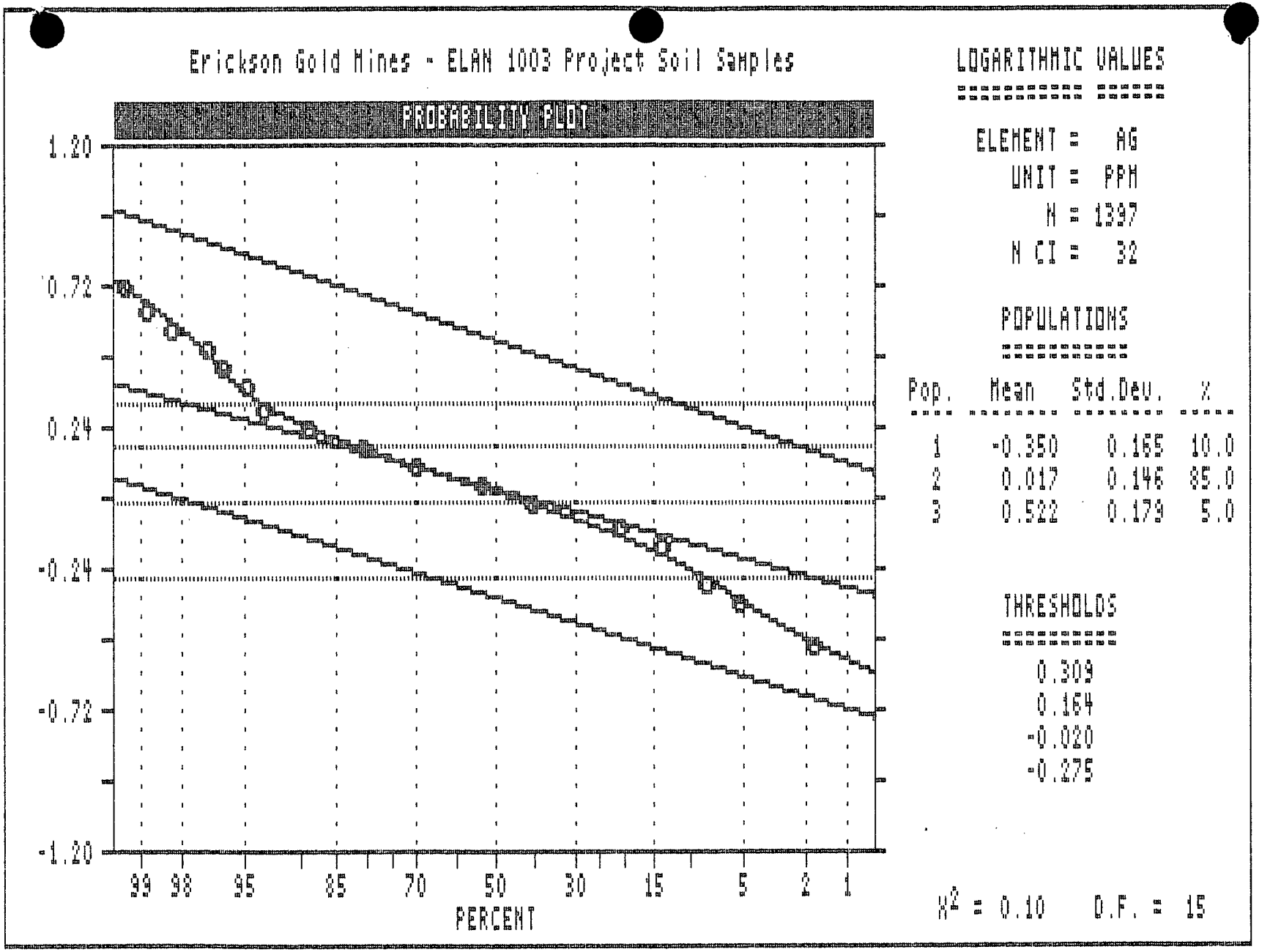

Erickson Gold Mines - ELAN 1003 Project Soil Samples
PROBABILITY PLOT
1.20
0.72
0.24
-0.24
-0.72
-1.20
99 98 95 85 70 50 30 15 5 2 1
PERCENT
LOGARITHMIC VALUES
ELEMENT = AG
UNIT = PPM
N = 1397
N CI = 32
POPULATIONS
Pop. Mean Std.Dev. %
1 -0.350 0.165 10.0
2 0.017 0.146 85.0
3 0.522 0.179 5.0
THRESHOLDS
0.309
0.164
-0.020
-0.275
X2 = 0.10 D.F. = 15

FIGURE 5

10.3.2 Silver

As shown in Figure 4 three populations can be partitioned from the probability curve. Data from the diagram can be summarized as follows:

Group	Population	Interval (ppm)
I	3 only	greater than 2.04
II	mix of 2 and 3	1.46 - 2.04
III	2 only	0.95 - 1.46
IV	mix of 2 and 1	0.53 - 0.95
V	1 only	less than 0.53

Group I, composed exclusively of population 3, is anomalous and a priority target for follow-up examination. Group II can be assigned a lower priority while the remaining two populations are background. Additional geological information of the area underlain by the grid will enable the relative importance of Group II values to be better evaluated.

11.0 CONCLUSIONS AND RECOMMENDATIONS

Since optioning of the Elan 2 claim in 1980, a favorable land position in the area has been achieved through the acquisition of adjoining claims. Although no economic-grade ore bodies have been discovered on the property to date, continued exploration is strongly recommended for the following reasons:

1. Prospecting and assessment at Elan has not progressed far beyond the reconnaissance stage. Access to the claims through road building and grid establishment constitute major enpenditures to date. Comparatively low-cost geostatistical studies with follow-up soil sampling between grid lines is essential to maximize return on investments to date.

2. Important features of the world's major gold camps are represented at Elan:

    a. Mafic and ultramafic volcanic rocks
    b. Clastic sedimentary rocks
    c. Intrusives
    d. Extensive carbonate alteration
    e. Complex structure
    f. Placer gold in local creeks and streams

    Listwanite, an important indicator of favorable ground within the Erickson camp, is also present.

3. The recent discovery of 0.174 oz/ton gold within select samples of the Lucky Vein, visible gold in the Boomerang float and the extremely high concentration of gold in some Elan soils indicates the possible presence of significant gold within the typically silver-rich Elan quartz veins.

4. The veins at Elan tend to be fairly thick, strong and continuous structures which could produce high tonnages should an ore zone be discovered. Thus far, no representative samples show ore grade gold or silver values, but very little of the veins are exposed for sampling. The probability of intersecting undiscovered shoots based on the frequency of extremely high soil anomalies appears good.

Follow-up soil sampling within areas of anomalous gold and silver values is recommended. Geological mapping within the area covered by the (1985) grid should be undertaken concurrently to aid in interpreting the geochemical data and recognizing "significant" anomalies. The general lack of success in trenching of anomalies is of some concern. Therefore, to obtain better results, it is recommended that sampling be undertaken on closer intervals for better resolution. This may require another programme of follow-up sampling late in in the season when initial sampling results have been plotted and interpreted.

Diamond drilling of the Lyla, Boomerang and Lucky veins in addition to any significant veins discovered by trenching should be considered.

12.0 GEOCHEMICAL, GEOLOGICAL AND PHYSICAL COST STATEMENT

12.1 GEOCHEMISTRY

A total of 21,940 metres of cutline were measured with a chain and an additional 2,150 metres of line above treeline were chained and flagged. All lines were then soil sampled at 10 metre intervals. A total of 2308 samples were taken and analysed for Au and Ag. Results of this work will be in a report to follow.

Work performed: July 16, 17, 22-27, 29-31, 1985
August 1-3, 6-10, 12, 13, 15, 17, 19-24, 26-28, 1985.

Cost:

99	man days chaining and sampling	@ $130/day	$ 12,870
2	days supervision	@ $165/day	330
2	days report writing	@ $165/day	330
4	days drafting	@ $140/day	560
107	days room and board	@ $ 50/day	5,350
34	days truck rental	@ $ 50/day	1,700
	Field supplies		200
	Drafting supplies		200
	Sample shipment		300
	2308 samples analysed for Au and Ag	@ $7.60/sample	17,540
	TOTAL GEOCHEMICAL		$ 39,380

12.2 GEOLOGY

The Elan 2 Claim was mapped at 1:5000 scale using topographic maps for control. Trenches on the property were mapped at 1:500 scale. All

quartz veins were sampled and samples assayed for Au and Ag. The work was performed by 3 geologists. The periods which they worked are:

Work performed: July 15-20, 22-27, 29-31; August 1, 2, 1985 (17 days)
July 29-31; August 1-3, 5-10, 12-16; September 1-3, 1985
September 1-3, 1985 (20 days)
September 2, 3, 1985 (2 days)

Cost:

39 days geologist	@ $165/day	$ 6,435
2 days drafting	@ $140/day	280
2 days report writing	@ $165/day	330
43 man days room and board	@ $ 50/day	2,150
32 days truck rental	@ $ 50/day	1,600
Drafting supplies		50
130 rock chip samples assayed for Au and Ag	@ $160/sample	2.080
TOTAL GEOLOGY		$ 52,305

12.3 PHYSICAL WORK

A total of 21,940 metres of line, 2 metres wide, was cut by chain saw. A map of lines cut is included.

Work performed: July 13, 15-20, 22-27, 29-31, 1985
August 1-3, 6-10, 12-16, 1985

Cost:

73 man days line cutting	@ $150/day	$ 10,950
1 day supervision	@ $165/day	165
74 man days room and board	@ $ 50/day	3,700
73 days chain saw rental	@ $ 20/day	1,450
29 days truck rental	@ $ 50/day	1,450
TOTAL PHYSICAL WORK		$ 17,725

TOTAL WORK PERFORMED — $109,410.00

RECORD OF WORK AND COST STATEMENT FOR 1985 - DK 1 CLAIM

Work performed:

An 1,800 metre east-west line was cut by chainsaw 2 metres wide running from the west DK 1 claim boundary eastward to Quartz Rock Creek. This line was then sampled at 10 metre spacings. The 180 sample collected were analyzed for gold and silver.

Work performed: Linecutting: (1 man) August 17, 19-24, 1985
Chaining line/sampling: (3 men) August 29, 30, 1985

Cost:

7 man days linecutting	@ $150/day	$ 1,050
6 man days chaining/sampling	@ $130/day	780
1 days report writing/drafting	@ $165/day	165
14 days room and board	@ $ 50/day	700
7 days chainsaw rental	@ $ 20/day	140
9 days truck rental	@ $ 50/day	450
Field/drafting supplies		100
180 samples analyzed for Au and Ag	@ $7.60/sample	1,368
TOTAL		$ 4,753

13.0 STATEMENT OF QUALIFICATIONS

I, Eric Dussell, 9 - 2157 Banbury Road, North Vancouver, BC, do hereby certify that:

I hold a B.Sc. degree in Geology obtained at the University of Washington, Seattle, and and M.Sc. degree in Geology from Western Washington University, Bellingham. I have practiced my profession for six years.

I am author of this report, which is based upon work conducted under the supervision of R. Somerville, P. Eng., during the 1985 field season on the claims covered by the Lang Creek Group for Erickson Gold Mining Corp. near Cassiar, British Columbia.

E. Dussell, M.Sc.

R. Somerville, P.Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

BIBLIOGRAPHY

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Gabrielse, H., 1963. McDame Map-Area, Cassiar District British Columbia; Geological Survey of Canada, Memoir 319 p. 138.

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Somerville, R., and Basnett, R., 1983. Interim Geological and Development Report on the Erickson Gold Camp and a Report on the Erickson Gold Mine Ore Reserves; Company Report - Vancouver Office.

APPENDIX I

Laboratory Procedure for Fire Assay Analysis

ERICKSON GOLD MINING CORP.

Mine Fire Assay Method for Au and Ag

The samples are crushed, puliverized and split to one half 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 precedures.

The subsample is placed in a crucible along with 1 scoop of standard flux, one half teaspoon of flour, 1 inquartz, and 1 teaspoon of borax cover.

It is then heated for 45 minutes at 1060 degrees celsius 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 degrees celsius 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 milligrams, inquartz is added in the appropriate amounts and recupelled.

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

All assays are then given in ounces per ton.

APPENDIX II

Statistical Data

Erickson Gold Mines - ELAN 1003 Project Soil Samples

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AU Units = PPB N = 1397

Mean =	1.167	Min =	0.477	1st Quartile =	0.699
Std. Dev. =	0.541	Max =	3.389	Median =	1.000
CV % =	46.392	Skewness =	0.925	3rd Quartile =	1.477

%	cum %	antilog	cls int	(# of bins = 32)	
1.07	1.07	2.69	0.430	**********	
0.00	1.07	3.34	0.524		
36.29	37.37	4.15	0.618	********** -->	507
0.00	37.37	5.15	0.712		
0.00	37.37	6.40	0.806		
0.00	37.37	7.94	0.900		
20.40	57.77	9.86	0.994	********** -->	285
7.09	64.85	12.24	1.088	********** -->	99
0.00	64.85	15.19	1.182		
5.87	70.72	18.86	1.276	********** -->	82
3.36	74.09	23.42	1.370	********** -->	47
6.73	80.82	29.07	1.463	********** -->	94
1.93	82.75	36.09	1.557	**********	
3.29	86.04	44.81	1.651	********** -->	46
2.15	88.19	55.62	1.745	**********	
2.93	91.12	69.06	1.839	********** -->	41
1.29	92.41	85.73	1.933	**********	
0.64	93.06	106.43	2.027	*********	
0.50	93.56	132.13	2.121	*******	
1.43	94.99	164.04	2.215	**********	
1.15	96.13	203.65	2.309	**********	
0.57	96.71	252.83	2.403	********	
0.50	97.21	313.88	2.497	*******	
0.64	97.85	389.67	2.591	*********	
0.43	98.28	483.77	2.685	******	
0.50	98.78	600.59	2.779	*******	
0.21	99.00	745.61	2.873	***	
0.07	99.07	925.66	2.966	*	
0.36	99.43	1149.18	3.060	*****	
0.36	99.79	1426.67	3.154	*****	
0.14	99.93	1771.17	3.248	**	
0.07	100.00	2198.86	3.342	*	

0 1 2 3

Erickson Gold Mines - ELAN 1003 Project Soil Samples

SUMMARY STATISTICS and HISTOGRAM — ARITHMETIC VALUES

Variable =	AG	Units =	PPM	N =	1397
Mean =	1.19	Min =	0.10	1st Quartile =	0.80
Std. Dev. =	0.80	Max =	11.80	Median =	1.00
CV % =	67.00	Skewness =	0.73	3rd Quartile =	1.40

%	cum %	cls int	(# of bins = 32)	
0.43	0.43	-0.09	******	
13.10	13.53	0.29	************************** -->	183
39.66	53.19	0.67	************************** -->	554
27.20	80.39	1.04	************************** -->	380
8.30	88.69	1.42	************************** -->	116
5.08	93.77	1.80	************************** -->	71
2.00	95.78	2.18	******************************	
1.00	96.78	2.55	**************	
0.72	97.49	2.93	**********	
0.57	98.07	3.31	********	
0.64	98.71	3.69	*********	
0.29	99.00	4.06	****	
0.07	99.07	4.44	*	
0.21	99.28	4.82	***	
0.07	99.36	5.20	*	
0.14	99.50	5.57	**	
0.14	99.64	5.95	**	
0.07	99.71	6.33	*	
0.00	99.71	6.70		
0.21	99.93	7.08	***	
0.00	99.93	7.46		
0.00	99.93	7.84		
0.00	99.93	8.21		
0.00	99.93	8.59		
0.00	99.93	8.97		
0.00	99.93	9.35		
0.00	99.93	9.72		
0.00	99.93	10.10		
0.00	99.93	10.48		
0.00	99.93	10.86		
0.00	99.93	11.23		
0.07	100.00	11.61	*	

0 1 2 3

Erickson Gold Mines - ELAN 1003 Project Soil Samples

SUMMARY STATISTICS and HISTOGRAM — LOGARITHMIC VALUES

Variable = AG Units = PPM N = 1397

	Mean =	0.018	Min =	-1.000	1st Quartile = -0.097
Std.	Dev. =	0.217	Max =	1.072	Median = 0.000
	CV % =	1186.185	Skewness =	0.253	3rd Quartile = 0.146

%	cum %	antilog	cls int	(# of bins = 32)	
0.07	0.07	0.09	-1.033	*	
0.00	0.07	0.11	-0.967		
0.00	0.07	0.13	-0.900		
0.00	0.07	0.15	-0.833		
0.00	0.07	0.17	-0.766		
0.36	0.43	0.20	-0.699	*****	
0.00	0.43	0.23	-0.632		
1.36	1.79	0.27	-0.566	**********	
0.00	1.79	0.32	-0.499		
3.44	5.23	0.37	-0.432	********** -->	48
3.01	8.23	0.43	-0.365	********** -->	42
0.00	8.23	0.50	-0.298		
5.30	13.53	0.59	-0.231	********** -->	74
6.87	20.40	0.68	-0.165	********** -->	96
19.69	40.09	0.80	-0.098	********** -->	275
13.10	53.19	0.93	-0.031	********** -->	183
15.89	69.08	1.09	0.036	********** -->	222
11.31	80.39	1.27	0.103	********** -->	158
8.30	88.69	1.48	0.170	********** -->	116
4.72	93.41	1.72	0.236	********** -->	66
1.43	94.85	2.01	0.303	**********	
1.43	96.28	2.34	0.370	**********	
0.72	96.99	2.73	0.437	**********	
1.22	98.21	3.19	0.504	**********	
0.64	98.85	3.72	0.571	**********	
0.36	99.21	4.34	0.637	*****	
0.29	99.50	5.06	0.704	****	
0.21	99.71	5.90	0.771	***	
0.21	99.93	6.89	0.838	***	
0.00	99.93	8.03	0.905		
0.00	99.93	9.37	0.972		
0.07	100.00	10.93	1.038	*	

0 1 2 3

APPENDIX III

Geochemical Soil Analyses

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 MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-624/P1
DATE: SEPT.17/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1518	1.0	5
1519	NO SAMPLE	
1520	NO SAMPLE	
1521	NO SAMPLE	
1522	0.8	10
1523	1.0	5
1524	0.8	30
1525	0.9	15
1526	0.9	10
1527	1.0	5
1528	NO SAMPLE	
1529	0.9	15
1530	1.2	5
1531	0.8	5
1532	1.0	10
1533	1.0	5
1534	0.8	5
1535	0.8	10
1536	0.9	5
1537	0.8	5
1538	0.8	20
1539	0.6	5
1540	0.9	10
1541	0.6	5
E85-1542	0.9	5
E85-1911	1.2	30
1912	1.0	5
1913	0.8	10
1914	0.9	5
E85-1915	1.0	25

Certified by _____

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

(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-624/P2
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1916	0.9	5
1917	0.8	10
1918	0.6	5
1919	0.8	5
1920	1.0	5
1921	0.6	10
1922	0.7	5
1923	0.6	5
1924	1.0	3
1925	1.0	5
1926	1.1	3
1927	1.0	5
1928	1.0	5
1929	1.2	10
1930	0.6	5
1931	1.2	15
1932	1.0	10
1933	1.1	10
1934	1.4	5
1935	1.8	5
1936	0.9	3
1937	1.0	10
1938	1.1	5
1939	1.4	15
1940	1.0	55
1941	1.2	5
1942	0.9	60
1943	1.2	10
1944	1.0	5
E85-1945	1.0	25

Certified by _____

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

[redacted]:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-624/P3
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1946	0.8	15
1947	1.0	200
1948	0.6	10
1949	1.2	240
1950	0.5	5
1951	0.8	15
1952	0.9	5
1953	0.8	5
1954	1.0	10
1955	1.0	25
1956	0.9	5
1957	1.0	5
1958	1.4	5
1959	1.2	10
1960	0.7	5
1961	0.8	15
1962	0.8	5
1963	0.8	10
1964	1.0	35
1965	0.9	10
1966	1.0	5
1967	0.6	5
1968	0.7	10
1969	0.9	5
1970	0.6	5
1971	1.2	15
1972	1.0	5
1973	0.8	10
1974	0.8	5
E85-1975	0.8	5

Certified by [signature]

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

E:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-624/P4
DATE: SEPT.18/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1976	0.6	15
1977	1.0	5
1978	0.9	10
1979	1.0	10
1980	1.2	5
1981	1.4	5
1982	1.0	25
1983	0.8	15
1984	0.6	5
1985	1.0	10
1986	1.0	10
1987	1.4	5
1988	1.3	5
1989	1.0	5
1990	0.6	10
1991	1.0	5
1992	1.0	15
1993	1.4	5
1994	1.4	5
1995	2.4	10
1996	1.9	5
1997	1.0	5
1998	0.8	35
E85-1999	1.2	5
E85-2112	NO SAMPLE	
2113	0.6	5
2114	1.0	10
2115	1.3	15
2116	1.4	5
E85-2117	1.2	5

Certified by _____

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

[redacted]:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-624/P5
DATE: SEPT.18/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2118	1.2	5	
2119	1.0	10	
2120	1.2	10	
2121	1.6	5	
E85-2122	1.0	5	40MESH
E85-2300	3.4	1600	
2301	6.7	1400	
2302	NO SAMPLE		
2303	NO SAMPLE		
2304	7.2	1515	
2305	6.0	1380	
2306	1.6	240	
2307	2.9	715	
2308	5.0	885	
2309	11.8	2000	
2310	0.8	35	
2311	4.3	850	
2312	1.8	170	
2313	2.4	430	
2314	2.5	485	
2315	2.6	260	
2316	2.8	130	
2317	3.5	65	
2318	3.3	1200	
2319	4.0	1700	
2320	5.1	1920	
2321	NO SAMPLE		
2322	NO SAMPLE		
2323	1.6	170	
E85-2324	2.0	1375	

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: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-624/P6
DATE: SEPT.17/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2325	4.4	660
2326	3.8	570
2327	3.8	495
2328	1.8	175
2329	1.4	60
2330	NO SAMPLE	
2331	0.4	5
2332	1.0	45
2333	1.5	5
2334	0.9	20
2335	1.1	5
2336	1.0	10
2337	1.4	175
2338	1.0	5
2339	0.9	5
2340	0.8	10
2341	0.9	5
2342	1.1	5
2343	1.0	5
2344	1.2	30
2345	1.1	10
2346	1.1	5
2347	1.0	50
2348	1.2	20
2349	3.0	170
2350	0.4	5
2351	1.0	5
2352	1.2	85
2353	1.2	40
E85-2354	0.7	5

Certified by _____

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

[redacted]:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-624/P7
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2355	2.6	25
2356	2.2	10
2357	2.5	20
2358	2.1	20
2359	1.9	5
2360	1.8	30
2361	1.6	30
2362	1.8	20
2363	1.7	35
2364	1.7	30
2365	1.4	10
2366	1.3	20
2367	1.1	15
2368	1.2	30
2369	1.4	125
2370	0.5	5
2371	1.3	20
2372	1.6	30
2373	1.0	30
2374	0.8	5
2375	0.9	30
2376	1.1	35
2377	1.0	10
2378	1.1	50
2379	1.5	70
2380	1.0	5
2381	0.8	10
2382	0.7	5
2383	0.7	20
E85-2384	0.9	5

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: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-624/P8
DATE: SEPT.18/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 13 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
E85-2385	1.2	5
2386	1.3	5
2387	1.1	10
2388	1.2	5
2389	1.5	15
2390	0.5	5
2391	1.2	10
2392	1.3	5
2393	1.2	25
2394	1.6	75
2395	1.4	5
2396	NO SAMPLE	
E85-2397	1.6	5

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 MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P1
DATE: SEPT.30/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2818	0.2	5	40MESH
2819	0.4	30	
2820	0.4	15	
2821	0.9	85	
2822	1.5	90	
2823	1.0	140	
2824	1.0	340	
2825	1.4	80	
2826	1.9	25	
2827	1.5	60	
2828	1.6	220	
2829	4.0	1020	
2830	0.2	15	
2831	1.1	75	
2832	0.9	240	
2833	1.1	320	
2834	2.0	375	
2835	1.4	30	
2836	1.3	55	
2837	1.6	10	
2838	1.2	50	
2839	1.3	60	
2840	1.2	70	
2841	2.0	190	
2842	0.9	175	
2843	0.9	5	
2844	0.8	110	
2845	0.9	10	
2846	1.6	5	
E85-2847	0.9	15	

Certified by _____

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

E:(604)980-5814 OR (604)988-4524 TELEX: 04-352028

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P2
DATE: SEPT.30/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2849	0.9	5
2850	0.7	10
2851	1.4	65
2852	1.1	60
2853	1.2	45
2854	2.0	25
2855	1.9	80
2856	1.9	50
2857	2.2	75
2858	6.2	735
2859	3.6	90
2860	4.4	30
2861	7.2	245
2862	2.8	25
2863	2.2	190
2864	3.5	185
2865	1.9	45
2866	4.0	625
2867	0.8	10
2868	1.2	10
2869	2.3	5
2870	0.2	15
2871	0.6	5
2872	0.8	15
2873	1.3	10
2874	1.0	20
2875	1.4	5
2876	1.9	5
2877	0.9	70
E85-2879	1.1	10

Certified by Eric Mark

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P3
DATE: SEPT.30/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2880	0.7	15
2881	1.1	5
2882	0.7	10
2883	1.8	10
2884	0.9	5
2885	1.4	5
2886	2.1	5
2887	1.8	20
2888	1.4	5
2889	0.8	10
2890	0.2	5
2891	0.7	20
2892	0.5	15
2893	0.6	15
2894	0.4	10
2895	0.4	10
2896	0.4	30
2897	0.9	10
2898	0.4	5
2899	0.8	105
2900	0.7	20
2901	1.8	30
2902	1.1	5
2903	3.6	15
2904	4.0	15
2905	5.3	40
2906	2.4	10
2907	3.7	5
2908	3.9	35
E85-2909	3.4	50

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P4
DATE: SEPT.30/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2910	0.7	50
2911	2.3	35
2912	0.9	30
2913	1.5	25
2914	1.6	55
2915	0.9	60
2916	1.3	20
2917	1.5	95
2918	1.4	15
2919	1.3	80
2920	1.2	25
2921	1.3	45
2922	1.1	10
2923	0.8	90
2924	1.4	15
2925	1.5	25
2926	1.3	40
2927	0.8	5
2928	1.6	5
2929	1.4	10
2930	0.5	5
2931	1.3	25
2932	0.7	10
2933	0.7	30
2934	0.7	15
2935	0.6	10
2936	0.6	5
2987	1.1	10
2988	0.9	35
E85-2989	1.0	20

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P5
DATE: SEPT.30/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2990	1.2	5
2991	1.1	20
2992	1.2	20
2993	1.1	15
2994	1.0	10
2995	1.2	5
2996	1.0	5
2997	1.2	60
2998	1.0	5
2999	1.1	10
3000	0.8	5
3001	1.2	5
3002	1.1	5
3003	1.1	5
3004	0.6	10
3005	1.1	5
3006	1.2	5
3007	1.2	5
3008	1.1	10
3009	1.0	5
3010	1.5	5
3011	1.0	5
3012	1.2	10
3013	NO SAMPLE	
3014	NO SAMPLE	
3015	NO SAMPLE	
3016	NO SAMPLE	
3017	1.0	20
3018	1.5	85
E85-3019	1.5	15

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P6
DATE: OCT.1/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-3020	0.7	5	
3021	0.9	30	
3022	0.7	5	
3023	0.9	5	
3024	0.8	30	
3025	0.7	70	
3026	0.7	30	
3027	0.7	10	
3028	0.9	30	
3029	1.0	10	
3030	1.0	20	
3031	1.1	40	
3032	0.9	5	40MESH
3033	0.8	5	
3034	1.0	5	
3035	0.6	5	
3036	0.5	5	
3037	0.4	30	
3038	0.6	5	
3039	0.5	105	
3040	0.4	5	
3041	0.9	10	
3042	1.1	10	
3043	0.6	5	
3044	0.7	10	
3045	0.5	10	
3046	0.8	5	
3047	0.6	5	
3048	0.8	80	
E85-3049	0.6	20	

Certified by [signature]

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P7
DATE: OCT.1/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-3050	0.4	665	
3051	0.2	25	
3052	0.4	5	
3053	0.7	10	
3054	0.7	5	
3055	0.5	5	40MESH
3056	0.7	145	
3057	0.7	25	
3058	0.8	5	
3059	0.9	5	
3060	0.5	10	
3061	0.5	5	40MESH
3062	1.2	5	
3063	0.9	5	
3064	0.6	5	
3065	0.9	5	
3066	0.6	5	
3067	0.5	10	
3068	0.6	10	20MESH
3069	0.5	5	
3070	0.6	5	
3071	0.6	5	
3072	0.7	5	
3073	0.6	5	
3074	0.6	10	
3075	0.3	5	20MESH
3076	0.3	5	
3077	0.4	5	
3078	0.4	5	
E85-3079	0.3	5	40MESH

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[redacted]: (604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P8
DATE: OCT.1/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-3080	0.4	10
3081	0.7	60
3082	0.7	10
3083	0.5	5
3084	0.4	15
3085	0.6	10
3086	0.7	70
3087	0.5	5
3088	0.4	30
3089	0.4	10
3090	0.5	10
3091	0.8	5
3092	0.8	5
3093	0.6	15
3094	0.5	30
3095	0.8	5
3096	0.7	10
3097	0.4	10
3098	0.8	20
3099	0.4	5
3100	0.3	5
3101	1.4	40
3102	0.5	10
3103	0.6	5
3105	0.6	5
3106	0.7	30
3107	0.8	5
3108	0.6	70
3109	0.6	5
E85-3110	0.7	60

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: E. DUSSELL

FILE: 5-678/P9
DATE: SEPT.30/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 10 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
E85-3111	0.7	25
3113	0.7	270
3114	0.6	80
3115	0.7	20
3116	0.8	60
3117	0.7	5
3118	0.8	10
3119	0.9	355
3120	0.7	5
E85-3121	0.9	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P2
DATE: SEPT.20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1290	1.8	15	
1291	1.6	10	
1292	1.6	5	
1293	1.2	10	
1294	1.0	25	
1295	1.4	5	
1296	1.2	5	
1297	1.2	10	
1298	1.0	5	
E85-1299	0.7	5	40MESH
E85-1350	0.6	5	40MESH
1351	1.2	10	
1352	1.6	5	
1353	1.4	20	
1354	1.4	5	
1355	2.2	15	
1356	3.5	5	
1357	1.4	30	
1358	1.0	5	
1359	1.4	5	
1360	1.2	5	
1361	1.4	750	
1362	2.0	25	
1363	1.7	70	
1364	2.0	20	
1365	1.4	95	
1366	1.6	5	
1367	2.2	290	
1368	1.2	15	
E85-1369	1.4	10	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P1
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1260	0.6	10	40MESH
1261	0.9	15	
1262	1.0	75	
1263	0.9	5	
1264	0.6	10	
1265	1.0	30	
1266	1.0	10	
1267	0.8	80	
1268	1.2	25	
1269	0.9	60	
1270	1.2	10	
1271	1.0	5	
1272	0.7	25	
1273	1.2	15	
1274	1.0	10	
1275	NO SAMPLE		
1276	1.6	5	
1277	1.2	30	
1278	1.5	45	
1279	1.2	5	
1280	0.5	5	40MESH
1281	0.9	10	
1282	1.0	10	
1283	1.8	15	
1284	1.2	30	
1285	1.5	10	
1286	1.4	5	
1287	1.6	10	
1288	1.0	10	
E85-1289	1.0	5	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P3
DATE: SEPT.20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1370	NO SAMPLE		
1371	NO SAMPLE		
1372	NO SAMPLE		
1373	NO SAMPLE		
1374	NO SAMPLE		
1375	1.6	45	
1376	1.7	15	
1377	0.7	5	40MESH
1378	1.4	10	
1379	1.4	25	
1380	1.0	5	
1381	1.5	15	
1382	1.4	80	
1383	1.3	30	
1384	1.4	20	
1385	1.0	90	
1386	1.6	10	
1387	1.3	5	
1388	1.2	15	
1389	0.8	10	
1390	0.6	5	40MESH
1391	1.2	35	
1392	2.3	15	
1393	1.5	60	
1394	1.4	75	
1395	1.2	20	
1396	0.9	185	
1397	0.8	80	
1398	0.8	45	
E85-1399	1.6	165	

Certified by _____

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NE:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P4
DATE: SEPT.20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1400	1.3	15	
1401	1.9	5	
1402	1.4	25	
1403	1.0	30	
1404	1.5	5	
1405	1.3	10	
1406	1.6	5	
1407	1.9	5	
1408	0.9	260	
1409	1.5	100	
1410	0.5	10	40MESH
1411	1.8	5	
1412	1.1	25	
1413	0.8	30	
1414	1.7	5	
1415	1.2	10	
1416	1.3	60	
1417	1.0	35	
1418	1.3	50	
1419	1.1	15	
1420	1.5	10	
1421	1.7	5	
1422	1.0	10	
1423	1.2	5	
1424	1.1	10	
1425	1.0	10	
1426	1.3	5	
1427	2.2	10	
1428	1.4	5	
E85-1429	1.1	20	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P5
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1430	0.5	5	40MESH
1431	1.6	10	
1432	1.1	25	
1433	1.0	45	
1434	1.3	5	
1435	1.3	10	
1436	1.1	10	
1437	1.2	5	
1438	1.4	5	
1439	1.8	15	
1440	1.9	5	
1441	2.1	10	
1442	1.2	5	
1443	1.6	25	
1444	1.8	20	
1445	1.4	75	
1446	1.2	5	
1447	1.2	10	
1448	1.5	10	
1449	NO SAMPLE		
1450	0.4	5	40MESH
1451	1.3	5	
1452	1.5	5	
1453	1.6	35	
1454	1.2	20	
1455	1.9	5	
1456	1.5	15	
1457	1.7	5	
1458	1.0	5	
E85-1459	2.7	5	

Certified by 

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P6
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1460	2.1	5
1461	NO SAMPLE	
1462	1.5	10
1463	1.3	5
1464	1.6	5
1465	1.7	40
1466	1.4	10
1467	1.2	5
1468	1.1	5
1469	1.9	5
1470	0.3	5
1471	1.4	40
1472	1.5	5
1473	1.0	10
1474	0.7	5
1475	1.5	20
1476	0.9	5
1477	2.0	10
1478	1.3	20
1479	1.4	20
1480	1.0	5
1481	0.7	20
1482	0.9	5
1483	1.2	30
1484	1.2	10
1485	1.3	5
1486	1.2	10
1487	1.5	5
1488	1.4	10
E85-1489	1.3	30

Certified by _____

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P7
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1490	0.6	10
1491	1.5	5
1492	1.0	5
1493	1.2	5
1494	1.1	5
1495	1.7	10
1496	1.4	10
1497	2.0	10
E85-1498	1.8	50
E85-1800	0.4	5
1801	0.9	10
1802	1.0	5
1803	0.8	5
1804	0.7	10
1805	0.9	5
1806	1.0	5
1807	1.1	10
1808	1.0	10
1809	0.7	10
1810	1.3	5
1811	0.9	30
1812	1.1	5
1813	1.3	15
1814	NO SAMPLE	
1815	1.2	30
1816	0.9	20
1817	1.0	5
1818	1.6	5
1819	0.9	10
E85-1820	0.3	5

Certified by Eric Jensen

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P8
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1821	1.1	20
1822	1.1	50
1823	1.0	60
1824	1.4	60
1825	1.2	50
1826	1.4	10
1827	1.0	55
1828	1.1	65
1829	1.2	50
1830	NO SAMPLE	
1831	1.0	80
1832	0.9	20
1833	2.4	10
1834	1.5	20
1835	1.6	70
1836	1.1	65
1837	1.9	80
1838	1.5	155
1839	0.4	50
1840	2.3	5
1841	1.3	40
1842	1.5	70
1843	1.7	100
1844	1.4	40
1845	1.5	70
1846	2.6	200
1847	1.8	40
1848	1.9	5
1849	2.0	60
E85-1850	4.8	430

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[redacted]: (604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P8A
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 9 samples submitted.

SAMPLE NMMBER	AG PPM	AU PPB
E85-1851	4.3	1750
1852	1.2	65
1853	2.9	210
1854	2.3	50
1855	1.3	5
1856	1.6	55
1857	5.8	475
1858	2.5	30
E85-1859	1.2	180

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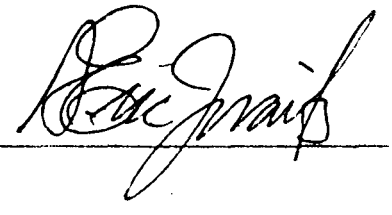
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P9
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1860	0.3	10
1861	NO SAMPLE	
1862	1.1	20
1863	0.8	10
1864	0.9	5
1865	1.0	10
1866	0.7	5
1867	0.8	20
1868	0.8	5
1869	0.7	40
1870	0.6	20
1871	0.7	10
1872	0.5	5
1873	1.0	10
1874	0.6	5
1875	0.9	10
1876	1.0	5
1877	0.8	30
1878	1.2	20
1879	0.8	10
1880	0.4	5
1881	1.0	40
1882	0.9	10
1883	1.2	30
1884	0.7	90
1885	0.9	20
1886	1.3	10
1887	1.2	30
1888	1.0	40
E85-1889	1.2	10

Certified by 

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P10
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1890	1.3	20
1891	1.0	5
1892	1.4	30
1893	1.1	10
1894	1.3	5
1895	0.9	10
1896	1.5	15
1897	1.0	20
1898	1.2	15
1899	1.2	15
1900	0.2	10
1901	0.7	20
1902	0.8	5
1903	1.1	5
1904	1.3	10
1905	1.0	5
1906	0.8	5
1907	1.1	3
1908	0.9	3
1909	1.0	5
E85-1910	0.6	3
E85-2000	0.3	3
2001	1.2	20
2002	1.4	5
2003	2.6	15
2004	1.5	5
2005	1.8	5
2006	0.8	3
2007	1.4	15
E85-2008	0.7	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P11
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2009	1.2	10
2010	0.8	20
2011	1.0	20
2012	1.1	30
2013	1.6	5
2014	1.0	10
2015	1.7	50
2016	1.7	5
2017	1.3	5
2018	1.1	10
2019	1.4	40
2020	0.3	5
2021	1.5	10
2022	1.7	5
2023	1.4	30
2024	1.8	5
2025	1.6	5
2026	1.5	5
2027	1.2	5
2028	1.4	10
2029	1.2	5
2030	1.3	10
2031	1.1	5
2032	0.9	5
2033	1.2	10
2034	1.5	10
2035	1.3	10
2036	1.3	30
2037	1.3	40
E85-2038	1.4	40

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P12
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2039	1.5	10
2040	0.4	5
2041	1.4	10
2042	1.0	20
2043	0.9	10
2044	0.9	40
2045	0.5	5
2046	1.2	5
2047	1.0	5
2048	NO SAMPLE	
2049	0.8	5
2050	1.3	5
2051	1.0	5
2052	1.0	5
2053	0.9	10
2054	0.7	3
2055	0.8	5
2056	1.1	10
2057	1.6	10
2058	0.8	5
2059	0.9	5
2060	0.3	5
2061	0.8	5
2062	1.3	5
2063	1.0	5
2064	0.9	5
2065	1.0	10
2066	0.9	5
2067	1.1	10
E85-2068	1.2	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P13
DATE: SEPT. 21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2069	0.9	5	
2070	0.9	10	
2071	1.2	5	
2072	1.0	5	
2073	1.3	10	
2074	1.1	5	
2075	0.9	5	
2076	0.8	5	
2077	0.8	5	
2078	0.9	10	
2079	1.1	10	
2080	0.4	5	
2081	1.2	10	
2082	1.3	5	
2083	1.8	250	
2084	NO SAMPLE		
2085	NO SAMPLE		
2086	0.7	10	
2087	0.9	5	
2088	1.2	5	
2089	0.8	5	40MESH
2090	1.0	10	
2091	1.0	5	
2092	0.8	5	
2093	1.1	10	
2094	0.8	5	
2095	0.7	5	
2096	1.0	10	
2097	0.9	15	
85-2098	1.0	5	

Certified by _____

MIN-EN Laboratories Ltd.
Specialists in Spectrochemical Analysis
705 WEST 15th ST. NORTH VANCOUVER, B.C. V7P 2P4
TEL: 604/980-5814 FAX: 604/980-6524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P14
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

We hereby certify that the follow[illegible] the [illegible] of the geochemical analysis made on 14 samples subm[illegible]

SAMPLE NUMBER	AG PPM	[illegible]
ERS-2099	1.0	[illegible]
2100	0.3	[illegible]
2101	0.6	[illegible]
2102	0.9	[illegible]
2103	1.1	
2104	1.1	[illegible]
2105	1.4	[illegible]
2106	0.8	[illegible]
[illegible]	1.[illegible]	[illegible]
[illegible]	0.[illegible]	[illegible]
	1.[illegible]	[illegible]
	1.3	[illegible]
	1.[illegible]	[illegible]
ERS [illegible]	.4	[illegible]

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: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P1
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-01	1.0	5
02	1.0	10
03	1.1	5
04	1.0	5
05	1.4	3
06	1.0	5
07	1.1	10
08	1.1	5
09	1.4	25
10	1.3	10
11	1.0	5
12	1.4	5
13	1.5	20
14	1.0	60
15	1.6	60
16	1.0	5
17	1.4	5
18	1.6	5
19	2.0	3
20	1.8	35
21	2.0	5
22	1.2	10
23	1.2	5
24	1.8	5
25	1.2	30
26	1.2	5
27	1.0	5
28	1.0	45
29	1.2	5
E85-30	1.2	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P2
DATE: AUGUST 20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-31	1.0	5
32	1.0	5
33	1.2	10
34	1.0	5
35	0.9	15
36	1.0	5
37	1.0	5
38	1.0	20
39	1.2	5
40	1.2	5
41	0.8	10
42	1.0	5
43	1.2	5
44	0.9	10
45	0.9	5
46	1.0	10
47	0.8	5
48	0.9	5
49	1.0	3
50	0.8	5
51	1.0	10
52	1.0	5
53	1.0	10
54	1.3	5
55	1.0	5
56	1.0	20
57	1.6	5
58	1.0	10
59	1.0	5
E85-60	0.8	3

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P3
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-61	1.2	5
62	1.0	5
63	1.1	15
64	1.0	10
65	1.0	5
66	0.8	5
67	1.2	3
68	1.2	10
69	1.1	5
70	1.4	5
71	1.1	10
72	1.5	35
73	1.0	40
74	1.0	5
75	0.9	160
76	1.0	60
77	1.0	25
78	1.0	30
79	1.2	5
80	1.0	120
81	0.9	5
82	0.8	10
83	1.0	10
84	1.0	5
85	0.8	140
86	1.0	65
87	0.8	5
88	1.0	40
89	1.0	15
E85-90	1.1	5

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PH[redacted](604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P4
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-91	1.0	5
92	1.0	70
93	1.2	10
94	1.1	170
95	1.1	5
96	1.0	15
97	1.0	10
98	1.1	205
99	1.0	150
E[redacted]100	1.0	40
101	0.9	5
102	0.8	10
103	1.0	5
104	1.1	15
105	0.9	290
106	1.0	140
107	1.0	65
108	1.2	75
109	NO SAMPLE	
110	1.0	150
111	1.1	35
112	1.2	5
113	1.0	5
114	1.0	3
115	0.9	10
116	0.9	5
117	NO SAMPLE	
118	0.9	40
119	0.8	5
E85-120	1.0	10

Certified by [signature]

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P5
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-121	1.6	55	
122	NO SAMPLE		
123	1.5	5	
124	1.3	5	
125	1.3	10	
126	1.2	5	
E85-127	1.5	5	
E85-150	2.0	10	
151	1.8	5	
152	1.6	5	
153	1.9	5	
154	2.0	3	
155	1.4	3	
156	1.6	5	
157	2.0	5	
158	1.9	10	
159	1.9	5	
160	1.8	5	
161	2.1	5	
162	2.6	10	
163	1.4	5	
164	1.6	5	
165	1.3	60	
166	1.4	55	
167	1.2	15	40MESH
168	1.4	10	40MESH
169	1.3	5	40MESH
170	1.7	10	
171	1.6	30	
E85-172	1.6	55	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P6
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-173	0.9	10
174	1.3	60
175	1.0	15
176	1.2	10
177	1.1	5
178	1.3	5
179	1.2	25
180	NO SAMPLE	
181	1.4	5
182	2.1	5
183	1.9	5
184	3.2	190
185	2.5	15
186	1.1	10
187	0.9	5
188	1.0	25
189	0.9	5
190	NO SAMPLE	
191	1.1	5
192	1.8	40
193	1.1	5
194	1.4	5
195	1.3	10
196	1.0	5
197	1.2	15
198	0.9	130
199	1.1	20
200	1.0	50
201	1.2	10
E85-202	1.1	25

Certified by Eric Jones

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P7
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-203	1.1	35	
204	1.0	10	
205	1.8	5	
206	0.9	45	
207	1.5	10	
208	1.6	25	
209	1.5	5	
210	1.2	10	
211	1.4	60	
212	1.7	5	
213	2.8	5	
214	2.0	10	
215	1.3	5	
216	2.1	5	
217	1.5	5	
218	1.8	20	
219	1.3	5	
220	1.0	50	
221	NO SAMPLE		
222	1.9	5	
223	1.1	10	40MESH
224	NO SAMPLE		
225	NO SAMPLE		
226	1.4	10	
227	2.7	25	
228	2.2	15	
229	2.6	5	
230	2.4	5	
231	1.8	5	
E85-232	1.7	5	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P8
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-233	1.7	5	
234	1.3	60	
235	1.2	5	
236	1.3	15	
237	1.6	5	
238	0.9	35	
239	1.4	5	
240	1.0	20	
241	2.7	355	*
242	1.8	5	
243	1.8	5	
244	1.2	10	
245	1.0	5	
246	1.3	100	
247	1.1	10	
248	1.0	65	
249	1.1	35	
E85-250	1.4	15	
E85-276	1.5	25	
277	1.4	5	
278	1.3	5	
279	1.4	3	
280	1.6	15	
281	1.7	5	
282	1.6	5	
283	1.2	5	40MESH
284	1.4	10	
285	1.1	5	
286	1.1	5	
E85-287	1.1	10	

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

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTIN: R. BASNETT

FILE: 5-496/P9
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-288	1.2	60	
289	1.0	170	
290	1.1	10	
291	0.9	55	
292	1.2	5	
293	1.0	5	
294	1.4	5	
295	0.9	10	
296	0.9	5	
297	0.8	5	40MESH
298	1.5	25	
299	1.2	10	
300	1.3	70	
301	1.4	30	
302	1.0	65	
303	1.4	45	
304	1.2	10	
305	1.2	25	40MESH
306	1.5	40	
307	1.1	5	40MESH
308	1.3	5	
309	1.2	5	
310	1.3	3	
311	1.1	85	
312	1.4	10	
313	0.8	5	
314	0.9	5	
315	1.0	50	
316	0.9	15	
E85-317	0.7	5	

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

PH (604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P10
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 29 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
E85-318	1.6	5
319	1.2	10
320	1.3	10
321	1.4	5
322	1.4	5
323	1.3	75
324	NO SAMPLE	
325	NO SAMPLE	
326	NO SAMPLE	
327	1.7	5
328	1.4	10
329	1.4	5
330	1.3	3
331	1.6	5
332	1.4	5
333	1.2	10
334	1.2	5
335	1.4	5
336	1.0	5
337	1.1	30
338	1.4	10
339	1.0	20
340	1.0	5
341	1.0	30
342	1.2	10
343	1.1	30
344	1.1	5
345	1.0	5
E85-346	1.0	20

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P11
DATE: AUGUST 20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-347	1.3	10
348	1.3	5
349	1.0	5
350	1.4	10
351	1.5	10
352	1.6	5
353	1.3	5
354	1.7	5
355	2.3	5
356	1.6	10
357	0.8	5
358	0.8	5
359	0.9	10
360	0.8	5
361	1.2	40
362	1.2	10
363	1.1	5
364	1.0	5
365	0.8	5
366	0.3	3
367	0.8	5
368	0.9	5
369	1.1	5
370	1.1	10
371	0.9	5
372	1.2	5
373	1.1	5
374	1.2	3
375	1.7	25
E85-376	1.4	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P12
DATE: AUGUST 20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-400	1.1	5
401	1.9	5
402	1.8	20
403	1.4	10
404	1.3	5
405	1.2	5
406	1.2	20
407	1.1	10
408	0.9	5
409	1.9	15
410	1.0	20
411	NO SAMPLE	
412	1.7	5
413	1.5	10
414	1.2	5
415	2.1	30
416	2.2	10
417	1.9	5
418	2.3	5
419	1.5	5
420	1.4	3
421	1.1	5
422	1.3	5
423	1.9	5
424	1.2	10
425	0.9	20
426	0.9	5
427	1.9	5
428	1.0	10
E85-429	1.2	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P13
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-430	1.2	20
432	1.2	5
433	2.2	5
434	1.6	5
435	2.6	5
436	1.3	5
437	0.9	70
438	0.8	5
439	0.9	5
440	0.7	60
441	0.8	10
442	1.3	120
443	1.5	230
444	1.4	5
445	NO SAMPLE	
446	1.2	5
447	1.0	5
448	1.6	30
449	1.4	135
450	1.2	5
451	1.2	5
452	1.0	80
453	1.1	25
454	1.2	40
455	1.3	350
456	1.4	10
457	1.3	5
458	1.6	5
459	1.3	5
E85-460	1.5	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P14
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-461	0.8	5
462	1.2	5
463	1.1	10
464	1.2	50
465	1.4	30
466	1.7	70
467	1.0	40
468	1.3	5
469	1.2	5
470	1.0	5
471	1.2	70
472	1.2	5
473	1.1	3
474	1.1	95
475	1.0	65
476	1.0	60
477	1.4	5
478	1.1	70
479	1.0	50
480	0.8	10
481	0.6	5
482	0.8	5
483	1.0	5
484	1.1	5
485	0.9	10
486	0.8	3
487	1.2	5
488	0.8	5
489	1.1	5
E85-490	1.6	20

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P15
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-491	2.2	5
492	2.0	5
493	1.3	5
494	1.6	5
495	1.3	30
496	1.4	5
497	1.1	5
498	1.0	3
499	1.1	5
500	1.1	10
501	1.2	50
502	1.0	5
503	1.0	20
504	1.3	5
505	1.7	5
506	1.3	5
507	1.0	3
508	1.2	5
509	1.1	5
510	1.2	10
511	1.0	10
512	0.9	10
513	0.9	15
514	0.8	5
515	1.2	5
516	1.1	450
517	1.0	5
518	0.8	10
519	1.0	10
E85-520	1.2	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P16
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-521	1.0	75	
522	0.8	5	
523	0.9	20	
524	0.7	10	
525	0.6	5	
526	0.8	5	
527	0.7	30	
528	1.2	5	
529	0.9	5	
530	0.9	20	
531	0.8	5	
532	1.0	5	
E85-533	0.9	5	
E85-550	0.9	5	
551	0.7	3	40MESH
552	0.8	5	
553	0.8	50	
554	1.1	30	
555	1.4	5	
556	1.2	3	
557	1.0	5	
558	0.9	5	
559	0.9	5	
560	1.0	5	
561	0.8	5	
562	0.7	5	
563	1.0	5	
564	1.2	5	
565	0.9	10	
E85-566	1.0	5	

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COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P17
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-567	1.3	5
568	1.1	5
569	1.4	5
570	1.0	3
571	1.2	5
572	1.1	5
573	1.8	5
574	1.3	3
575	1.1	5
576	1.3	5
577	1.2	5
578	0.9	5
579	1.2	5
580	1.1	5
581	1.0	5
582	0.7	3
583	1.6	5
584	1.4	5
585	1.5	5
586	1.2	10
587	1.3	5
588	1.4	5
589	1.1	5
590	0.9	10
591	1.0	5
592	1.3	5
593	0.8	5
594	NO SAMPLE	
595	NO SAMPLE	
E85-596	1.1	15

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P18
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-597	1.4	40
598	0.9	5
599	0.9	105
600	0.7	5
601	1.5	180
602	1.0	60
603	1.6	140
604	1.7	10
605	1.0	5
606	0.9	170
607	1.2	60
608	0.9	20
609	1.0	10
610	1.1	5
611	0.8	5
612	0.7	10
613	0.6	5
614	1.2	5
615	1.0	50
616	0.9	5
617	0.8	5
618	1.0	5
619	1.0	5
620	0.7	10
621	0.6	5
622	0.9	5
623	0.8	75
624	1.0	5
625	0.7	5
E85-626	0.8	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P19
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-627	1.0	5
628	1.0	10
629	1.3	5
630	1.1	5
631	1.3	5
632	1.2	3
633	0.8	5
634	1.1	10
635	1.0	5
636	1.3	5
637	0.9	10
638	0.7	5
E85-639	0.9	5
E85-700	1.2	5
701	1.0	10
702	1.1	5
703	1.1	5
704	1.1	10
705	1.3	5
706	1.6	5
707	1.0	5
708	1.2	10
709	1.5	5
710	1.2	5
711	1.0	15
712	1.2	5
713	1.3	5
714	1.2	5
715	1.2	10
E85-716	1.3	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P20
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-717	1.0	10
718	0.9	20
719	1.0	5
720	1.0	5
721	1.3	15
722	1.1	25
723	1.2	5
724	1.0	5
725	1.2	15
726	0.8	3
727	1.3	10
728	1.0	5
729	0.9	5
730	1.3	5
731	1.0	5
732	1.3	10
733	1.5	5
734	0.9	30
735	1.0	5
736	1.1	5
737	0.9	10
738	0.9	5
739	1.1	35
740	1.0	5
741	0.9	20
742	1.2	5
743	1.2	15
744	NO SAMPLE	
745	0.8	20
E85-746	0.9	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P21
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-747	1.2	5
748	1.0	5
749	0.9	3
750	0.7	10
751	1.1	5
752	1.0	5
753	1.2	10
754	1.3	5
755	0.9	5
756	1.0	5
757	1.0	3
758	1.1	5
759	1.2	5
760	1.0	10
761	1.2	5
762	0.9	5
763	1.0	5
764	1.2	10
765	1.1	5
766	1.1	45
767	1.3	30
768	1.2	35
769	1.0	5
770	1.0	10
771	0.6	5
772	1.1	5
773	1.0	5
774	1.2	10
775	1.1	5
E85-776	1.3	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P22
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-777	1.8	5
778	1.2	10
779	0.8	5
780	NO SAMPLE	
781	0.9	5
782	1.3	5
783	1.2	10
784	1.2	25
785	0.9	15
786	1.0	5
787	1.0	5
E85-788	1.1	5
E85-800	1.3	60
801	1.0	30
802	1.2	5
803	1.2	75
804	1.0	5
805	0.9	45
806	1.2	15
807	1.0	5
808	1.2	30
809	1.1	5
810	1.0	35
811	1.6	5
812	1.1	5
813	1.2	110
814	1.3	5
815	1.2	5
816	1.0	10
E85-817	0.8	25

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P23
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-818	0.9	45
819	1.0	95
820	1.1	130
821	1.3	30
822	1.3	195
823	0.7	100
824	1.2	45
825	1.0	20
826	1.4	95
827	1.1	40
828	1.4	105
829	1.3	115
830	1.0	60
831	1.1	10
832	0.8	65
833	1.2	75
834	1.0	5
835	0.7	5
836	0.6	10
837	0.9	20
838	1.0	5
839	0.8	15
840	0.6	5
841	1.4	75
842	0.9	5
843	0.5	5
844	1.2	5
845	0.9	10
846	0.8	5
E85-847	0.6	40

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P24
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-848	1.2	5
849	1.1	10
850	1.2	25
851	1.0	5
852	1.0	5
853	1.0	10
854	1.0	35
855	1.1	5
856	1.2	50
857	1.1	10
858	1.0	25
859	1.0	5
860	1.1	15
861	1.0	10
862	0.8	10
863	1.0	5
864	1.0	5
865	1.2	10
866	1.3	30
867	0.6	5
868	2.2	5
869	2.8	10
870	1.2	25
871	1.8	20
872	1.0	5
873	1.0	45
874	0.8	10
875	0.8	40
876	1.2	50
E85-877	1.0	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P25
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-878	1.2	15
879	0.9	5
880	0.8	5
881	1.1	10
882	1.2	30
883	1.2	5
884	1.3	5
885	1.5	10
886	1.3	15
887	1.1	55
888	NO SAMPLE	
889	NO SAMPLE	
890	2.4	50
891	1.1	10
892	0.8	5
893	2.7	20
894	1.3	80
895	0.8	5
896	1.6	5
897	1.7	10
898	1.9	5
899	1.1	35
900	3.4	5
901	2.8	40
902	1.5	5
903	1.4	50
904	1.5	5
905	1.2	5
906	1.0	5
E85-907	1.9	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P26
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-908	0.8	10
909	0.9	5
910	NO SAMPLE	
911	2.2	30
912	2.5	10
913	2.0	5
914	2.0	5
915	3.8	5
916	2.3	25
917	3.6	5
918	1.0	20
919	0.7	10
920	1.2	5
921	1.0	5
922	0.8	5
923	0.9	10
924	1.0	10
925	1.4	5
926	1.2	10
927	1.4	5
928	1.9	5
929	0.9	5
930	1.0	5
931	0.8	5
932	1.5	5
933	1.6	3
934	2.3	5
935	0.8	5
936	1.3	5
E85-937	3.2	5

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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 MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P27
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-938	1.2	5
939	1.4	5
940	1.9	5
941	1.3	5
942	1.8	10
943	1.6	10
944	1.0	5
945	1.3	5
946	0.9	5
947	1.2	3
948	1.2	5
E85-949	2.1	10
E85-951	1.3	10
952	1.5	5
953	1.1	10
954	0.9	5
955	1.2	5
956	1.1	5
957	1.4	5
958	0.8	5
959	1.3	5
960	1.7	10
961	1.0	5
962	1.4	5
963	2.3	5
964	1.6	5
965	1.3	5
966	1.4	5
967	1.1	5
E85-968	NO SAMPLE	

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[redacted]: (604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P28
DATE: AUGUST 22/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-969	0.9	10
970	0.7	5
971	1.0	10
972	0.8	10
973	1.1	5
974	1.2	5
975	1.0	10
976	0.9	5
977	1.0	10
978	0.8	5
979	1.0	5
980	1.1	5
981	1.1	10
982	0.9	5
983	0.7	5
984	0.9	5
985	NO SAMPLE	
986	1.2	5
987	1.0	10
988	1.0	10
989	0.9	5
990	1.1	5
991	1.1	10
992	1.2	10
993	1.4	5
994	1.0	10
995	0.9	5
996	1.2	5
997	0.9	5
E85-998	1.0	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P29
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-999	1.4	5
1000	1.2	5
1001	1.5	10
1002	0.9	5
1003	1.2	10
1004	1.3	5
1005	1.5	5
1006	1.9	5
1007	0.9	5
1008	1.3	5
1009	2.0	10
1010	1.8	5
1011	1.7	5
1012	1.0	5
1013	1.7	10
1014	2.6	20
1015	1.8	15
1016	2.1	5
1017	2.3	15
1018	1.7	10
1019	2.1	5
1020	2.2	10
1021	1.4	10
1022	1.0	20
1023	1.0	40
1024	1.6	10
1025	1.2	5
1026	1.7	20
1027	1.3	10
E85-1028	1.1	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P30
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1029	1.1	5	
1030	1.2	30	
1031	1.7	60	
1032	1.6	5	
1033	1.5	80	
1034	1.3	10	
1035	0.8	15	
1036	0.9	5	
1037	1.8	10	
1038	1.4	30	
1039	1.8	20	
1040	1.4	10	
1041	1.6	5	
1042	2.8	30	
1043	2.2	50	
1044	1.5	70	
1045	1.6	10	
1046	1.8	35	
1047	1.7	20	
1048	1.7	10	40MESH
1049	1.0	20	
1050	1.8	50	
1051	1.7	10	
1052	1.5	20	
1053	1.6	5	
1054	1.4	20	
1055	1.4	5	
1056	1.2	5	
1057	1.1	5	
E85-1058	1.3	20	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P31
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1059	1.1	10
1060	1.0	60
1061	1.4	60
1062	1.2	30
1063	1.0	40
1064	1.1	80
1065	1.0	65
1066	1.3	50
1067	1.8	30
1068	1.3	10
1069	1.4	40
1070	1.1	5
1071	1.0	40
1072	1.2	20
1073	1.2	5
1074	0.9	20
1075	1.4	80
1076	0.9	5
1077	0.9	5
1078	1.2	30
1079	1.0	20
E85-1080	1.1	5
E85-1100	0.9	5
1101	0.6	5
1102	0.8	10
1103	0.9	10
1104	1.0	5
1105	1.2	20
1106	1.9	5
E85-1107	1.1	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P32
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1108	0.9	5
1109	1.1	100
1110	1.1	5
1111	0.9	30
1112	1.1	10
1113	1.2	5
1114	1.8	5
1115	1.2	5
1116	1.3	5
1117	1.0	30
1118	1.2	20
1119	1.4	60
1120	1.1	25
1121	1.3	20
1122	1.0	20
1123	1.2	110
1124	0.7	10
1125	1.2	5
1126	1.1	20
1127	1.5	10
1128	0.9	10
1129	2.0	30
1130	1.3	5
1131	1.1	10
1132	1.0	10
1133	1.2	20
1134	1.0	5
1135	1.2	55
1136	1.4	5
E85-1137	1.3	5

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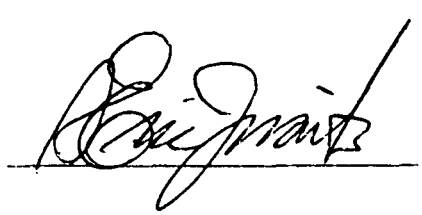
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P33
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1138	1.2	30
1139	1.5	10
1140	1.0	20
1141	1.8	5
1142	1.6	5
1143	1.2	10
1144	2.1	5
1145	1.5	40
1146	1.9	5
1147	0.9	5
1148	1.2	10
1149	1.4	5
1150	1.3	15
1151	1.1	5
1152	1.5	5
1153	1.4	10
1154	0.9	5
1155	0.8	15
1156	0.9	5
1157	1.0	10
1158	1.0	10
1159	1.1	5
1160	1.1	25
1161	1.2	5
1162	1.3	10
1163	1.2	5
1164	1.4	3
1165	1.3	5
1166	1.3	5
E85-1167	1.3	5

Certified by 

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P34
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1168	1.0	5
1169	1.3	5
1170	1.4	5
1171	1.1	15
1172	1.8	5
1173	1.0	10
1174	1.2	30
1175	0.9	10
1176	1.0	25
1177	0.9	10
1178	0.9	50
1179	1.6	5
1180	1.3	5
1181	1.2	10
1182	0.9	5
1183	0.9	35
1184	1.0	5
1185	1.1	5
1186	1.2	100
1187	1.0	10
1188	1.2	45
1189	1.6	5
1190	1.4	5
1191	1.6	10
1192	1.6	5
1193	1.1	15
1194	1.0	5
1195	1.6	30
1196	1.2	60
E85-1197	1.5	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P35
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1198	1.3	5
1199	1.0	5
1200	0.7	5
1201	0.7	5
1202	0.8	5
1203	0.6	10
1204	0.8	5
1205	0.9	20
1206	0.8	5
1207	0.9	5
1208	0.8	10
1209	0.9	5
1210	0.9	5
1211	0.8	5
1212	0.8	5
1213	0.9	10
1214	0.9	5
1215	0.8	5
1216	1.0	10
1217	1.1	5
1218	1.3	5
1219	1.1	15
1220	1.2	70
1221	1.3	5
1222	1.1	5
1223	1.5	80
1224	1.2	10
1225	1.2	5
1226	1.2	5
E85-1227	1.5	15

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P36
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1228	1.2	5
1229	1.1	295
1230	1.2	40
1231	2.6	2150
1232	1.2	5
1233	1.3	25
1234	1.3	5
1235	1.1	30
1236	1.4	20
1237	1.2	25
1238	1.2	15
1239	1.2	5
1240	1.0	5
1241	1.0	40
1242	1.2	5
1243	1.2	10
1244	1.4	10
1245	1.3	5
1246	1.1	50
1247	1.3	30
1248	1.3	5
1249	1.5	15
1250	1.0	5
1251	1.0	10
1252	0.9	5
1253	1.0	5
1254	0.9	5
1255	0.9	10
1256	0.9	10
E85-1257	1.1	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P37
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1258	1.2	5
E85-1259	1.1	5
E85-1300	1.6	5
1301	1.0	20
1302	1.3	160
1303	1.4	10
1304	1.3	1350
1305	1.5	115
1306	1.2	65
1307	NO SAMPLE	
1308	1.6	15
1309	1.2	35
1310	1.8	115
1311	1.5	5
1312	1.3	40
1313	1.1	115
1314	1.6	35
1315	1.8	60
1316	1.4	5
1317	1.5	5
1318	2.1	5
1319	1.5	10
1320	1.4	5
1321	1.5	5
1322	1.6	15
1323	1.3	5
1324	1.5	5
1325	1.6	5
1326	1.4	5
E85-1327	1.2	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-496/P38
DATE: AUGUST 23/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 21 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
E85-1328	1.3	5
1329	0.9	20
1330	1.0	10
1331	1.0	5
1332	1.2	5
1333	1.0	5
1334	1.8	10
1335	1.7	5
1336	2.0	5
1337	2.4	15
1338	1.4	10
1339	1.6	5
1340	2.0	35
1341	1.0	5
1342	2.6	5
1343	1.1	20
1344	1.4	10
1345	1.4	15
1346	1.1	5
1347	1.2	15
E85-1348	1.8	5

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E:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P1
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
ERR 1260	0.6	10	80MESH
1261	0.9	15	
1262	1.0	75	
1263	0.9	5	
1264	0.6	10	
1265	1.0	30	
1266	1.0	10	
1267	0.8	60	
1268	1.2	25	
1269	0.9	60	
1270	1.2	10	
1271	1.0	5	
1272	0.7	25	
1273	1.2	15	
1274	1.0	10	
1275	NO SAMPLE		
1276	1.6	5	
1277	1.2	30	
1278	1.5	45	
1279	1.2	5	
1280	0.5	5	80MESH
1281	0.9	10	
1282	1.0	10	
1283	1.8	15	
1284	1.2	30	
1285	1.5	10	
1286	1.4	5	
1287	1.6	10	
1288	1.0	10	
ERR 1289	1.0	5	

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E:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P2
DATE: SEPT.20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1290	1.8	15	
1291	1.6	10	
1292	1.6	5	
1293	1.2	10	
1294	1.0	25	
1295	1.4	5	
1296	1.2	5	
1297	1.2	10	
1298	1.0	5	
E85-1299	0.7	5	40MESH
E85-1350	0.6	5	40MESH
1351	1.2	10	
1352	1.6	5	
1353	1.4	20	
1354	1.4	5	
1355	2.2	15	
1356	3.5	5	
1357	1.4	30	
1358	1.0	5	
1359	1.4	5	
1360	1.2	5	
1361	1.4	750	
1362	2.0	25	
1363	1.7	70	
1364	2.0	20	
1365	1.4	95	
1366	1.6	5	
1367	2.2	290	
1368	1.2	15	
E85-1369	1.4	10	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P3
DATE: SEPT.20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1370	NO SAMPLE		
1371	NO SAMPLE		
1372	NO SAMPLE		
1373	NO SAMPLE		
1374	NO SAMPLE		
1375	1.6	45	
1376	1.7	15	
1377	0.7	5	40MESH
1378	1.4	10	
1379	1.4	25	
1380	1.0	5	
1381	1.5	15	
1382	1.4	80	
1383	1.3	30	
1384	1.4	20	
1385	1.0	90	
1386	1.6	10	
1387	1.3	5	
1388	1.2	15	
1389	0.8	10	
1390	0.6	5	40MESH
1391	1.2	35	
1392	2.3	15	
1393	1.5	60	
1394	1.4	75	
1395	1.2	20	
1396	0.9	185	
1397	0.8	80	
1398	0.8	45	
E85-1399	1.6	165	

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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 MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P4
DATE: SEPT.20/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1400	1.3	15	
1401	1.9	5	
1402	1.4	25	
1403	1.0	30	
1404	1.5	5	
1405	1.3	10	
1406	1.6	5	
1407	1.9	5	
1408	0.9	260	
1409	1.5	100	
1410	0.5	10	40MESH
1411	1.8	5	
1412	1.1	25	
1413	0.8	30	
1414	1.7	5	
1415	1.2	10	
1416	1.3	60	
1417	1.0	35	
1418	1.3	50	
1419	1.1	15	
1420	1.5	10	
1421	1.7	5	
1422	1.0	10	
1423	1.2	5	
1424	1.1	10	
1425	1.0	10	
1426	1.3	5	
1427	2.2	10	
1428	1.4	5	
E85-1429	1.1	20	

Certified by _____

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PHONE:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P5
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
F85 1430	0.5	5	40MESH
1431	1.6	10	
1432	1.1	25	
1433	1.0	45	
1434	1.3	5	
1435	1.3	10	
1436	1.1	10	
1437	1.2	5	
1438	1.4	5	
1439	1.8	15	
1440	1.2	5	
1441	2.1	10	
1442	1.2	5	
1443	1.6	25	
1444	1.8	20	
1445	1.4	75	
1446	1.2	5	
1447	1.2	10	
1448	1.5	10	
1449	NO SAMPLE		
1450	0.4	5	40MESH
1451	1.3	5	
1452	1.5	5	
1453	1.6	35	
1454	1.2	20	
1455	1.2	5	
1456	1.5	15	
1457	1.2	5	
1458	1.0	5	
F85 1459	2.2	5	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P6
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
EB5-1460	2.1	5
1461	NO SAMPLE	
1462	1.5	10
1463	1.3	5
1464	1.6	5
1465	1.7	40
1466	1.4	10
1467	1.2	5
1468	1.1	5
1469	1.9	5
1470	0.3	5
1471	1.4	40
1472	1.5	5
1473	1.0	10
1474	0.7	5
1475	1.5	20
1476	0.9	5
1477	2.0	10
1478	1.3	20
1479	1.4	20
1480	1.0	5
1481	0.7	20
1482	0.9	5
1483	1.2	30
1484	1.2	10
1485	1.3	5
1486	1.2	10
1487	1.5	5
1488	1.4	10
EB5-1489	1.3	30

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P7
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1490	0.6	10
1491	1.5	5
1492	1.0	5
1493	1.2	5
1494	1.1	5
1495	1.7	10
1496	1.4	10
1497	2.0	10
E85-1498	1.8	50
E[redacted]-1800	0.4	5
1801	0.9	10
1802	1.0	5
1803	0.8	5
1804	0.7	10
1805	0.9	5
1806	1.0	5
1807	1.1	10
1808	1.0	10
1809	0.7	10
1810	1.3	5
1811	0.9	30
1812	1.1	5
1813	1.3	15
1814	NO SAMPLE	
1815	1.2	30
1816	0.9	20
1817	1.0	5
1818	1.6	5
1819	0.9	10
E85-1820	0.3	5

Certified by [signature]

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P8
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1821	1.1	20
1822	1.1	50
1823	1.0	60
1824	1.4	60
1825	1.2	50
1826	1.4	10
1827	1.0	55
1828	1.1	65
1829	1.2	50
1830	NO SAMPLE	
1831	1.0	80
1832	0.9	20
1833	2.4	10
1834	1.5	20
1835	1.6	70
1836	1.1	65
1837	1.9	80
1838	1.5	155
1839	0.4	50
1840	2.3	5
1841	1.3	40
1842	1.5	70
1843	1.7	100
1844	1.4	40
1845	1.5	70
1846	2.6	200
1847	1.8	40
1848	1.9	5
1849	2.0	60
E85-1850	4.8	430

Certified by Ray Smith

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P8A
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 9 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
E85-1851	4.3	1750
1852	1.2	65
1853	2.9	210
1854	2.3	50
1855	1.3	5
1856	1.6	55
1857	5.8	475
1858	2.5	30
E85-1859	1.2	180

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P9
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1860	0.3	10
1861	NO SAMPLE	
1862	1.1	20
1863	0.8	10
1864	0.9	5
1865	1.0	10
1866	0.7	5
1867	0.8	20
1868	0.8	5
1869	0.7	40
1870	0.6	20
1871	0.7	10
1872	0.5	5
1873	1.0	10
1874	0.6	5
1875	0.9	10
1876	1.0	5
1877	0.8	30
1878	1.2	20
1879	0.8	10
1880	0.4	5
1881	1.0	40
1882	0.9	10
1883	1.2	30
1884	0.7	90
1885	0.9	20
1886	1.3	10
1887	1.2	30
1888	1.0	40
E85-1889	1.2	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P10
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-1890	1.3	20
1891	1.0	5
1892	1.4	30
1893	1.1	10
1894	1.3	5
1895	0.9	10
1896	1.5	15
1897	1.0	20
1898	1.2	15
1899	1.2	15
1900	0.2	10
1901	0.7	20
1902	0.8	5
1903	1.1	5
1904	1.3	10
1905	1.0	5
1906	0.8	5
1907	1.1	3
1908	0.9	3
1909	1.0	5
E85-1910	0.6	3
E85-2000	0.3	3
2001	1.2	20
2002	1.4	5
2003	2.6	15
2004	1.5	5
2005	1.8	5
2006	0.8	3
2007	1.4	15
E85-2008	0.7	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P11
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2009	1.2	10
2010	0.8	20
2011	1.0	20
2012	1.1	30
2013	1.6	5
2014	1.0	10
2015	1.7	50
2016	1.7	5
2017	1.3	5
2018	1.1	10
2019	1.4	40
2020	0.3	5
2021	1.5	10
2022	1.7	5
2023	1.4	30
2024	1.8	5
2025	1.6	5
2026	1.5	5
2027	1.2	5
2028	1.4	10
2029	1.2	5
2030	1.3	10
2031	1.1	5
2032	0.9	5
2033	1.2	10
2034	1.5	10
2035	1.3	10
2036	1.3	30
2037	1.3	40
E85-2038	1.4	40

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P12
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2039	1.5	10
2040	0.4	5
2041	1.4	10
2042	1.0	20
2043	0.9	10
2044	0.9	40
2045	0.5	5
2046	1.2	5
2047	1.0	5
[redacted] 2048	NO SAMPLE	
2049	0.8	5
2050	1.3	5
2051	1.9	5
2052	1.0	5
2053	0.9	10
2054	0.7	3
2055	0.8	5
2056	1.1	10
2057	1.6	10
2058	0.8	5
2059	0.9	5
2060	0.3	5
2061	0.8	5
2062	1.3	5
2063	1.0	5
2064	0.9	5
2065	1.0	10
2066	0.9	5
2067	1.1	10
E85-2068	1.2	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P13
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2069	0.9	5	
2070	0.9	10	
2071	1.2	5	
2072	1.0	5	
2073	1.3	10	
2074	1.1	5	
2075	0.9	5	
2076	0.8	5	
2077	0.8	5	
2078	0.9	10	
2079	1.1	10	
2080	0.4	5	
2081	1.2	10	
2082	1.3	5	
2083	1.8	250	
2084	NO SAMPLE		
2085	NO SAMPLE		
2086	0.7	10	
2087	0.9	5	
2088	1.2	5	
2089	0.8	5	40MESH
2090	1.0	10	
2091	1.0	5	
2092	0.8	5	
2093	1.1	10	
2094	0.8	5	
2095	0.7	5	
2096	1.0	10	
2097	0.9	15	
E85-2098	1.0	5	

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

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-627/P14
DATE: SEPT.19/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 14 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
E85-2099	1.0	5
2100	0.3	10
2101	0.8	5
2102	0.9	15
2103	1.1	5
2104	1.1	10
2105	1.1	5
2106	0.8	10
2107	1.0	5
2108	0.9	5
2109	1.7	15
2110	1.3	20
2111	1.0	5
E85-2112	0.4	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P1
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2123	1.2	10
2124	1.6	5
2125	0.4	10
2126	2.0	10
2127	3.2	20
2128	1.3	10
2129	0.9	5
2130	0.8	20
2131	1.3	30
2132	0.9	5
2133	1.4	10
2134	1.5	10
2135	2.1	30
2136	0.9	10
2137	1.2	30
2138	1.4	5
2139	1.0	10
2140	1.0	5
2141	1.0	10
2142	0.9	15
2143	2.4	20
2144	0.7	5
2145	0.5	10
2146	1.3	30
2147	0.7	20
2148	0.7	5
2149	0.8	10
2150	0.8	5
2151	0.9	5
E85-2152	0.4	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P2
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2153	0.7	5	
2154	0.7	5	
2155	0.6	10	
2156	0.7	5	
2157	1.0	5	
2158	0.7	5	
2159	1.2	3	
2160	1.0	10	
2161	0.8	5	
2162	0.6	5	
2163	0.9	3	
2164	0.6	10	
2165	0.3	5	
2166	1.0	5	
2167	1.2	15	
2168	0.8	5	
2169	1.1	5	
2170	1.2	50	
2171	1.3	10	
2172	1.1	5	
2173	1.1	5	
2174	0.7	25	
2175	0.6	20	
2176	1.0	5	
2177	0.9	5	
2178	1.1	5	
2179	0.8	10	
2180	0.9	5	
2181	1.0	5	
E85-2182	1.0	5	40MESH

Certified by [signature]

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P3
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2183	0.9	5	40MESH
2184	1.9	5	
2185	0.5	10	
2186	2.8	5	
2188	0.7	5	
2189	1.0	15	
2190	1.2	5	
2191	0.9	25	
2192	0.9	5	
2193	1.0	5	
2194	1.3	3	
2195	0.7	15	
2196	1.1	5	
2197	1.1	5	
2198	1.2	10	
2199	0.8	5	
2200	1.1	5	
2201	0.7	10	
2202	0.9	5	
2203	0.8	5	
2205	0.4	5	
2206	1.3	10	
2207	1.2	5	
2208	1.0	25	
2209	1.1	5	
2210	0.9	10	
2211	1.3	5	
2212	1.1	10	
2213	0.8	15	
E85-2214	1.0	5	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P4
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2215	1.2	5
2216	0.7	5
2217	1.0	3
2218	0.9	5
2219	1.2	10
2220	0.6	5
2221	0.9	5
E85-2222	1.0	15
E85-2423	0.7	5
2424	1.0	10
2425	0.3	5
2426	0.9	35
2427	1.2	5
2428	1.7	15
2429	1.8	5
2430	1.5	10
2431	0.7	15
2432	1.4	5
2433	2.6	5
2434	1.1	80
2435	0.8	15
2436	0.9	10
2437	1.1	10
2438	1.2	5
2439	1.2	220
2440	1.1	5
2441	1.0	5
2442	0.6	10
2443	0.7	5
E85-2444	0.9	45

Certified by _____

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P5
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2445	1.1	145	
2446	1.2	5	
2447	1.4	5	
2448	1.2	10	
2449	0.7	5	40MESH
2451	1.2	5	
2452	2.2	10	
2453	2.0	5	
2454	2.0	15	
2455	1.7	10	
2456	3.0	5	
2457	2.5	5	
2458	1.1	5	
2459	7.2	10	
2460	3.7	15	
2461	1.4	5	
2462	1.0	15	
2464	0.8	5	
2465	0.3	10	
2466	0.7	5	
2467	1.1	15	
2468	1.6	5	
2469	0.7	30	
2470	1.0	175	
2471	0.8	10	
2396	1.5	5	
2398	0.9	5	
E85-2399	0.8	5	
E85-1500	0.8	5	
E85-1501	0.7	5	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P6
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-1502	1.0	15	
1503	0.9	5	
1504	0.7	10	
1505	1.2	5	
1506	1.0	5	
1508	2.0	10	
1509	1.1	10	
1510	1.2	5	
1511	0.9	5	
[redacted]1514	1.2	25	
1515	NO SAMPLE		
1516	0.9	5	
E85-1517	0.9	10	
E85-2223	1.7	10	
2224	1.8	30	
2225	0.4	5	40MESH
2226	1.3	5	
2227	2.4	10	
2228	1.9	5	
2229	1.2	45	
2230	0.8	5	
2231	1.4	10	
2232	2.5	15	
2233	1.6	20	
2234	1.4	5	
2235	2.6	10	
2236	1.7	5	
2237	1.3	5	
2238	1.0	10	
E85-2239	0.7	5	

Certified by [signature]

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

E:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P7
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2240	1.3	3
2241	1.3	30
2242	1.2	10
2245	0.3	10
2246	NO SAMPLE	
2248	1.2	30
2249	0.9	20
2250	1.6	25
2251	0.9	15
2252	0.9	10
2253	1.5	20
2254	1.2	10
2255	0.9	35
2256	1.6	5
2257	1.3	20
2258	1.1	25
2259	1.0	5
2260	1.6	5
2261	1.2	20
2262	0.9	15
2263	1.2	20
2264	1.1	3
2265	0.7	5
2266	1.9	55
2267	1.8	15
2269	1.6	10
2270	1.3	30
2271	1.4	75
2272	1.0	20
E85-2273	0.9	10

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PHONE:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P8
DATE: SEPT.21/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2274	1.4	25	
2275	1.3	30	
2276	0.8	50	
2278	1.2	80	
2279	1.1	80	
2280	1.4	115	
2281	0.7	45	20MESH
2282	0.9	30	
2283	0.7	10	
2284	0.9	35	
2285	0.2	5	40MESH
2286	1.4	40	
2287	1.1	35	
2288	0.8	50	
2289	1.2	30	
2290	0.7	25	
2291	1.6	165	
2292	1.3	5	
2293	0.9	25	
2294	0.8	40	
2295	0.6	55	
2296	0.9	160	
2297	1.5	90	
2298	0.8	45	
E85-2299	1.3	75	
E85-2400	3.2	640	
2401	1.7	30	
2402	1.6	450	
2403	2.0	470	
E85-2404	1.1	25	

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

E:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P9
DATE: SEPT.21/85.
TYPE: SOIL GEOCHE

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2405	0.3	5	40MESH
2406	1.2	140	
2407	1.8	1200	
2408	1.7	30	
2409	1.7	120	
2410	0.9	100	
2411	2.0	20	
2412	1.1	10	
2413	1.3	100	
2414	1.5	250	
2415	1.0	60	
2416	1.4	50	
2417	2.2	290	
2418	2.9	10	
2419	0.9	10	
2421	1.3	30	
2472	3.2	550	
2473	2.5	280	
2474	1.4	1650	
2475	0.5	15	40MESH
2476	1.1	345	
2477	1.0	200	
2479	1.1	20	
2480	1.0	110	
2481	1.3	5	
2482	1.8	10	
2483	1.0	40	
2484	1.4	60	
2485	0.9	25	
E85-2486	1.2	30	

Certified by _____

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

E:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P10
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2487	1.5	70
2488	1.4	30
2489	1.5	70
2490	1.3	30
2491	2.0	40
2492	1.3	20
2493	1.6	30
2494	1.3	10
2495	0.4	15
2496	1.7	30
2497	1.1	20
2498	1.3	30
2499	1.0	40
2500	1.3	20
2501	1.2	5
2502	0.9	5
2503	1.4	5
2504	1.0	10
2505	0.9	5
2506	0.7	10
2507	0.9	10
2508	0.9	10
2509	1.0	10
2510	0.8	65
2511	0.9	25
2512	1.3	5
2513	1.2	5
2514	1.3	20
2515	0.1	5
E85-2516	1.2	10

Certified by _____

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

E:(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P11
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2517	1.5	205	
2519	1.1	30	
2520	0.9	20	
2521	1.0	50	
2522	0.5	10	
2523	0.7	90	
2524	1.0	5	
2525	0.5	10	
2526	0.4	10	
2527	0.4	20	
2528	0.4	5	
2529	0.6	40	
2530	0.5	20	
2531	0.7	10	
2532	0.5	5	
2533	0.5	5	
2534	0.6	5	
2535	0.2	10	40MESH
2536	0.8	5	
2537	0.5	5	
2538	0.7	10	
2539	0.7	5	
2540	0.5	20	
2541	0.6	5	
2542	0.9	5	
2543	0.6	5	
2544	0.5	5	
2545	0.4	10	
2546	0.6	5	
E85-2547	0.6	5	

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 MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P12
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2548	0.7	5	
2549	0.6	5	
2550	0.8	10	
2551	0.6	5	
2552	0.3	15	
2553	0.5	10	
2554	0.2	5	40MESH
2557	0.8	10	
2558	0.9	10	
2559	0.6	20	
2563	0.6	5	
2564	0.7	5	
2570	3.4	5	
2571	2.2	25	
2572	3.2	10	
2573	3.1	15	
2574	1.2	5	
2575	0.2	5	40MESH
2576	1.9	10	
2577	1.8	5	
2578	3.2	35	
2579	2.0	5	
2580	1.8	10	
2581	1.3	5	
2582	1.5	15	
2583	1.4	10	
2584	1.6	25	
2585	1.2	15	
2586	0.7	95	
E85-2587	0.8	60	

Certified by

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Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PH[redacted](604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P13
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2588	0.9	520	
2590	0.7	10	
2591	1.0	5	
2592	4.9	425	
2593	0.8	80	
2594	1.1	275	
2595	0.2	5	40MESH
2596	0.8	15	
2597	0.7	25	
2598	0.6	20	
2599	0.8	5	
2600	0.7	30	
2601	0.7	15	
2602	0.5	10	
2604	0.6	175	
2605	0.9	90	
2606	0.5	25	
2607	0.5	5	
2608	0.3	450	
2609	0.6	110	
2610	1.0	40	
2611	0.5	15	
2612	0.8	175	
2614	0.7	340	
2615	0.3	5	40MESH
2616	0.8	15	
2617	0.7	60	
2618	1.4	110	
2619	5.9	2450	
E85-2622	0.8	165	

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: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P14
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2623	1.0	335	
2624	1.3	50	
2625	1.2	15	
2626	0.7	10	
2627	0.8	5	
2628	0.8	5	
2629	0.9	20	
2630	0.6	70	
2631	0.7	5	
2632	0.8	25	
2633	0.5	60	
2634	0.9	5	
2635	0.2	5	40MESH
2636	1.0	5	
2637	1.1	10	
2638	1.3	5	
2639	1.2	5	
2640	0.7	5	
2641	1.0	15	
2642	0.9	10	
2643	0.6	10	
2644	0.8	80	
2645	0.4	5	
2646	0.9	5	
2647	0.8	15	
2648	1.2	5	
2649	1.0	10	
2650	0.6	5	
2651	0.9	5	
E85-2652	0.8	5	

Certified by _____

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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 MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P15
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2653	1.2	15
2654	1.0	35
2655	0.4	10
2656	0.8	30
2657	0.6	10
2658	0.9	5
2659	1.0	5
2660	1.0	10
2661	1.0	10
2662	0.8	15
2663	1.0	15
2664	1.2	10
2665	1.1	5
2666	1.0	5
2667	1.2	5
2668	0.9	45
2669	1.0	5
2670	0.4	10
2769	1.4	130
2770	1.6	95
2771	1.2	70
2772	1.4	60
2773	1.6	290
2774	1.0	55
2775	1.0	250
2776	0.8	45
2777	0.9	40
2778	1.0	15
2779	1.0	35
E85-2780	1.4	50

Certified by _____

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

[redacted]: (604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003
ATTENTION: R. BASNETT

FILE: 5-628/P16
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB
E85-2781	1.8	35
2782	1.4	15
2783	1.0	5
2784	1.0	5
2785	1.2	10
2786	0.9	5
2787	1.0	5
2788	1.0	15
2789	1.2	10
2790	0.4	10
2791	1.0	5
2792	1.2	5
2793	0.9	5
2794	1.0	10
2795	0.9	5
2796	0.8	5
2797	1.0	10
2798	0.8	5
2800	0.9	5
2801	0.8	10
2802	0.8	220
2803	0.8	25
2804	0.8	30
2805	1.0	15
2806	0.8	5
2807	0.9	10
2808	1.0	5
2909	0.9	10
2810	0.4	5
E85-2811	0.8	5

Certified by [signature]

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

[redacted]: (604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: ELAN 1003/D-E 1003
ATTENTION: R. BASNETT

FILE: 5-628/P17
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AU PPB	
E85-2812	1.0	10	
2813	1.0	15	
2814	1.0	5	
2815	0.9	10	40MESH
2816	0.6	5	40MESH
E85-2817	1.0	15	
E85-1541	0.8	10	
1930	1.0	10	
1950	0.8	80	
[redacted] 1970	1.2	25	
1990	1.0	20	
2113	0.8	5	
2310	2.0	720	
2331	1.2	45	
2350	2.4	140	
2370	1.3	210	
2390	1.0	10	
2125	1.6	20	
2145	1.0	35	
2165	0.9	15	
2185	1.4	5	
2205	1.0	5	
2220	0.8	10	
2425	0.8	25	
2445	0.9	30	
2465	1.2	15	
2225	2.0	30	
2245	1.1	25	
2265	0.8	65	
E85-2285	1.5	10	

Certified by [signature]

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

(604)980-5814 OR (604)988-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: D-E 1003
ATTENTION: R. BASNETT

FILE: 5-628/P18
DATE: SEPT.23/85.
TYPE: SOIL GEOCHEM

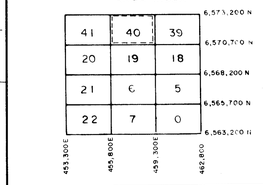
We hereby certify that the following are the results of the geochemical analysis made on 19 samples submitted.

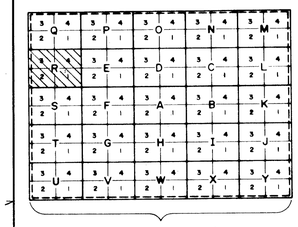
SAMPLE NUMBER	AG PPM	AU PPB
E85-2405	2.2	220
2475	1.2	480
2495	1.2	15
2515	2.8	430
2535	0.9	5
2554	0.8	5
2575	1.8	20
2595	1.0	45
2615	0.8	205
2635	0.8	10
2655	0.8	5
2670	0.6	10
2720	0.8	35
2737	3.2	550
2790	1.2	5
E85-2810	0.8	5
E85-2244	0.9	15
E85-2267	1.7	10
E85-2565	0.9	5

Certified by _____



AREA INDEX





ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 10 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS 104 P5E

To accompany a report by R. SOMERVILLE, P. Eng.
E. DUSSEL, B.Sc.

Alpha No Drawing No

Date FEB. 15, 1986 Map No 40-R-1



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200 N
6,570,700 N
6,568,200 N
6,565,700 N
6,563,200 N
453,300 E
455,800 E
459,300 E
462,800

ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float
Geological boundary (defined, inferred)
Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°
Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
Lineation, axis of minor folds (horizontal, inclined, vertical)
Drag-fold (arrow indicates plunge)
Fault (defined, interpreted)
Fault (inclined, vertical, relative movement) U D
Surface joint (horiz., inclined, vert., dip unknown)
U/G joint (horiz., inclined, vert., dip unknown)
Syncline (defined, approximate)
Anticline (defined, approximate)
Anticline and syncline (overturned)
Intensity (weak, moderate, strong)
Vein (inclined, vertical, dip unknown) 80°
Zone of alteration
Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton
Trench
Adit or tunnel
Rock dump or tailings
Shaft, raise, winze
Diamond drill hole
(entering section, leaving section)
(on section / plan)
Contours 2500
Stream or creek (perennial, intermittent)
Marsh
Lake
Road

10 0 10 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

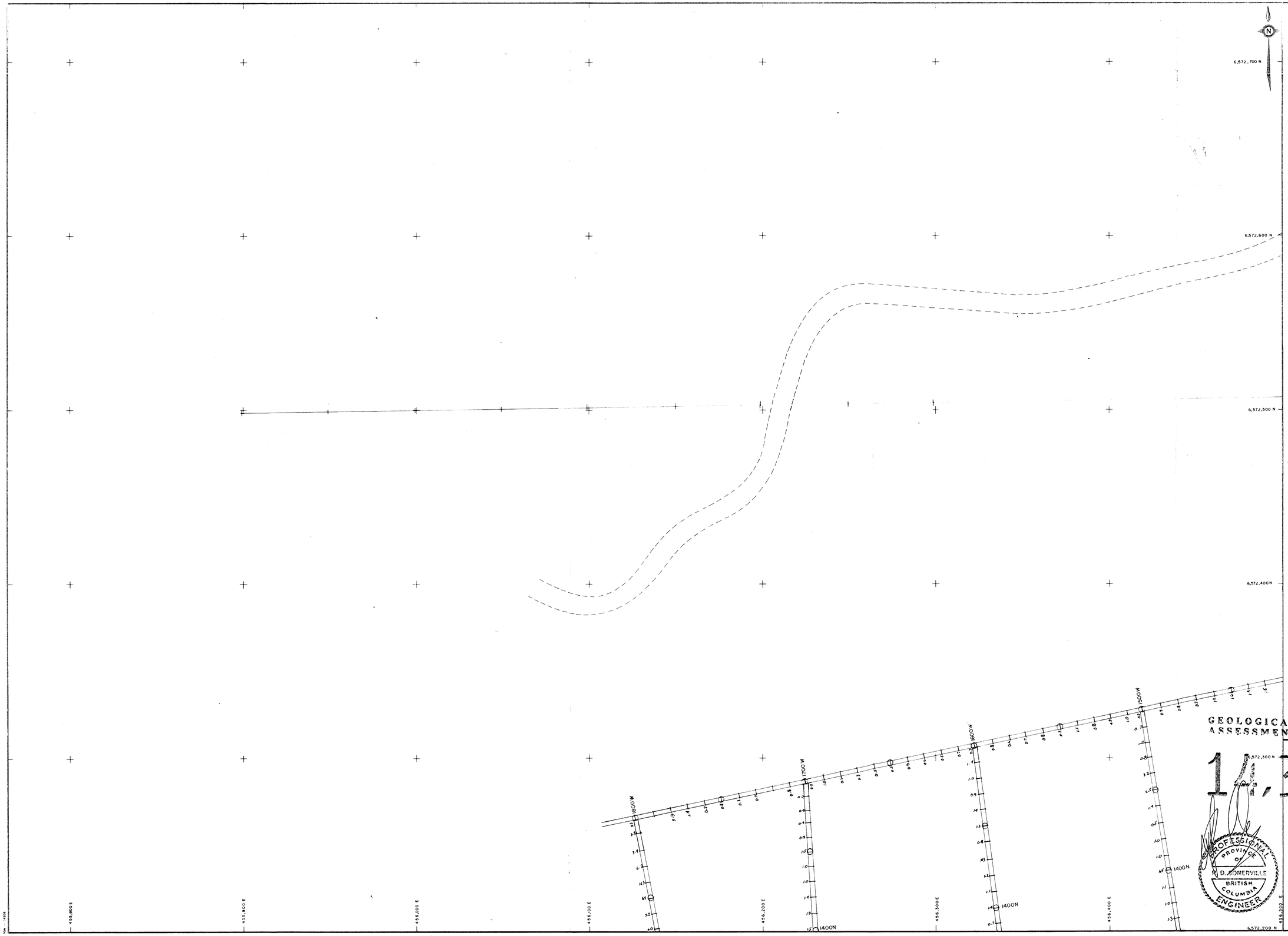
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

ELAN CREEK GROUP
SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No 1003
Latitude 59° 17' Longitude 129° 45'
Mining Division LIARD NTS 104 P5E
To accompany a report by R. SOMERVILLE, P. Eng.
E. DUSSEL, B.Sc.
Alpha No Drawing No
Date FEB. 15, 1986 Map No 40·R·2



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

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6,563,200 N
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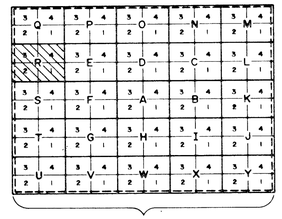
455,800 E
459,300 E
462,800



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

10 5 0 10 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SILVER

Project Name: ELAN GRID Project No.: 1003

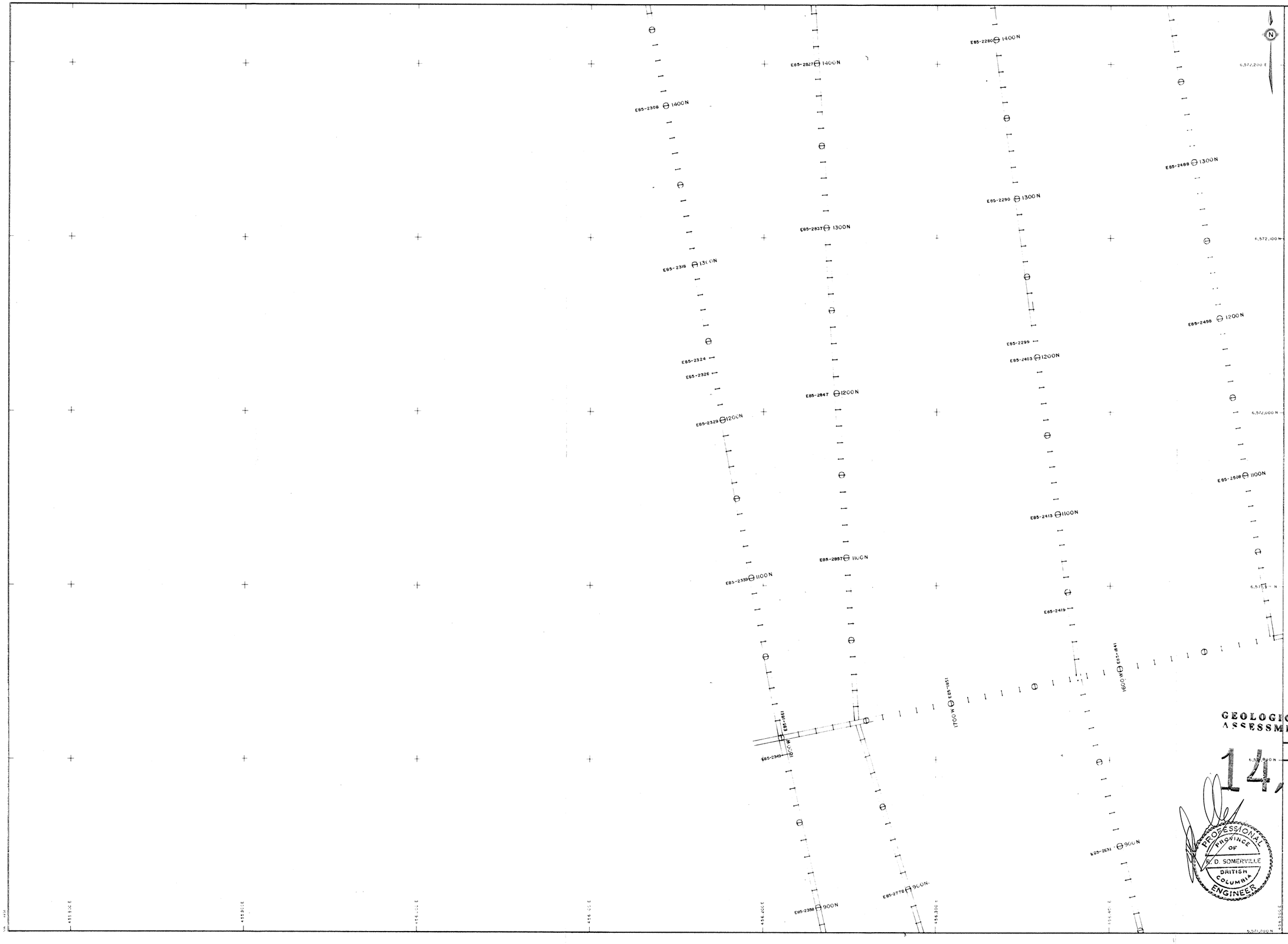
Latitude: 59° 17' Longitude: 129° 45'

Mining Division: LIARD N.T.S.: 104 P5E

To accompany a report by: R. SOMERVILLE, P. Eng
E. DUSSEL, B.Sc.

Alpha No.: Drawing No.:

Date: FEB. 15, 1985 Map No.: 40·R·3



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200 N
6,570,700 N
6,568,200 E
6,565,700 N
6,563,200 N
453,300 E
455,800 E
459,300 E
462,800 E

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

ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float
Geological boundary (defined, inferred)
Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°
Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
Lineation, axis of minor folds (horizontal, inclined, vertical)
Drag-fold (arrow indicates plunge)
Fault (defined, interpreted)
Fault (inclined, vertical, relative movement) U D
Surface joint (horiz, inclined, vert, dip unknown)
U/G joint (horiz, inclined, vert, dip unknown)
Syncline (defined, approximate)
Anticline (defined, approximate)
Anticline and syncline (overturned)
Intensity (weak, moderate, strong)
Vein (inclined, vertical, dip unknown) 80°
Zone of alteration
Rock sample, X 0324, 0.15
Assay Au, Ag ounce/ton
Trench
Adit or tunnel
Rock dump or tailings
Shaft, raise, winze
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(entering section, leaving section)
(on section / plan)
Contours 2500
Stream or creek (perennial, intermittent)
Marsh
Lake
Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

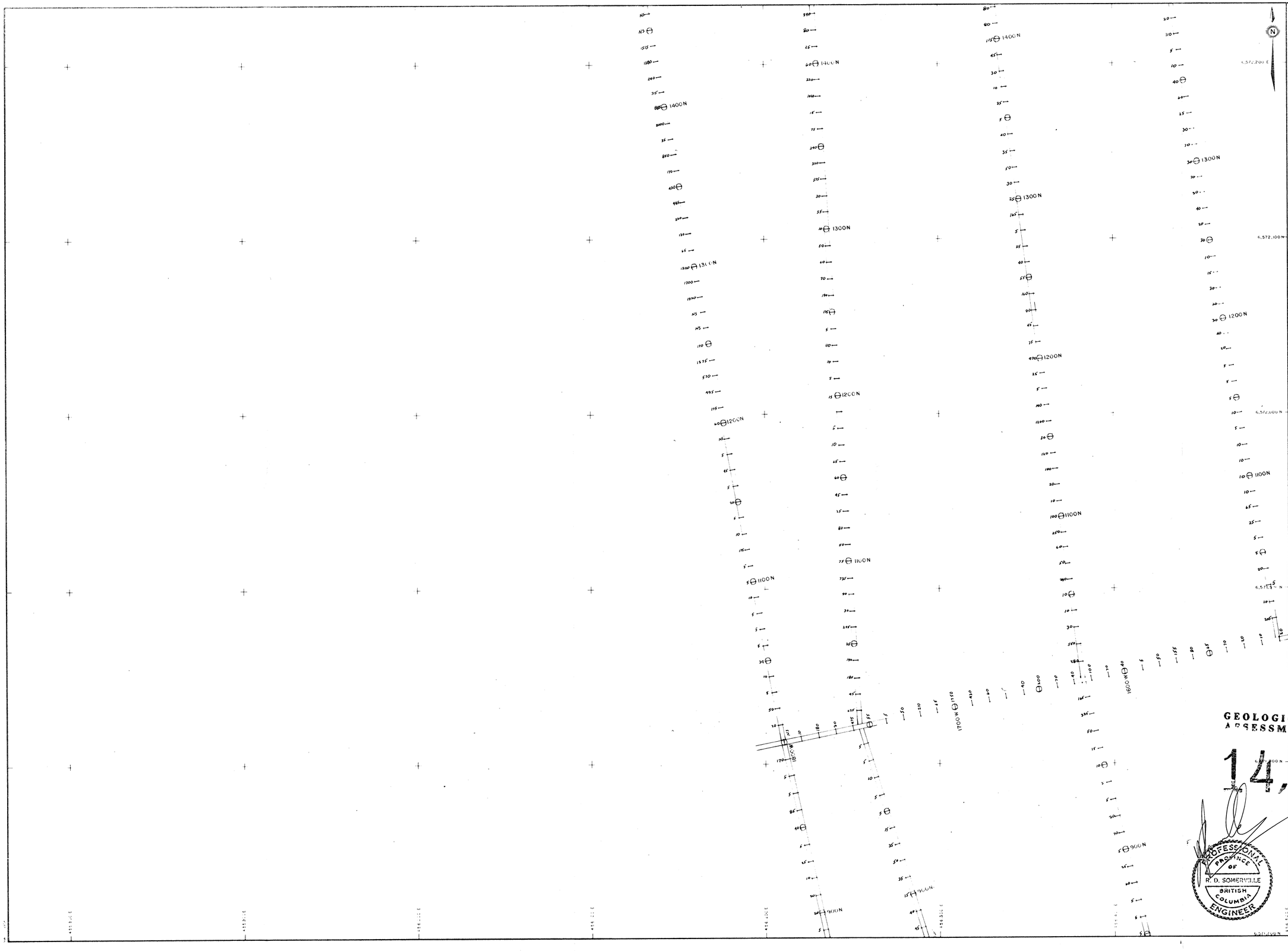
14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY
SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No 1003
Latitude 59° 17' Longitude 129° 45'
Mining Division LIARD NTS 104 P5E, W
To accompany a report by R. SOMERVILLE, P. Eng.
E. DUSSEL, B.Sc.
Alpha No Drawing No
Date FEB. 15, 1986 Map No 40·S·1


N
6,572,200 E
6,572,100 N
6,572,000 N
1400N
1300N
1200N
1100N
1000N
900N
1600N
1700N
1800N
1900N
2000N
2100N
2200N
2300N
2400N
2500N
2600N
2700N
2800N
2900N
3000N
3100N
3200N
3300N
3400N
3500N
3600N
3700N
3800N
3900N
4000N
4100N
4200N
4300N
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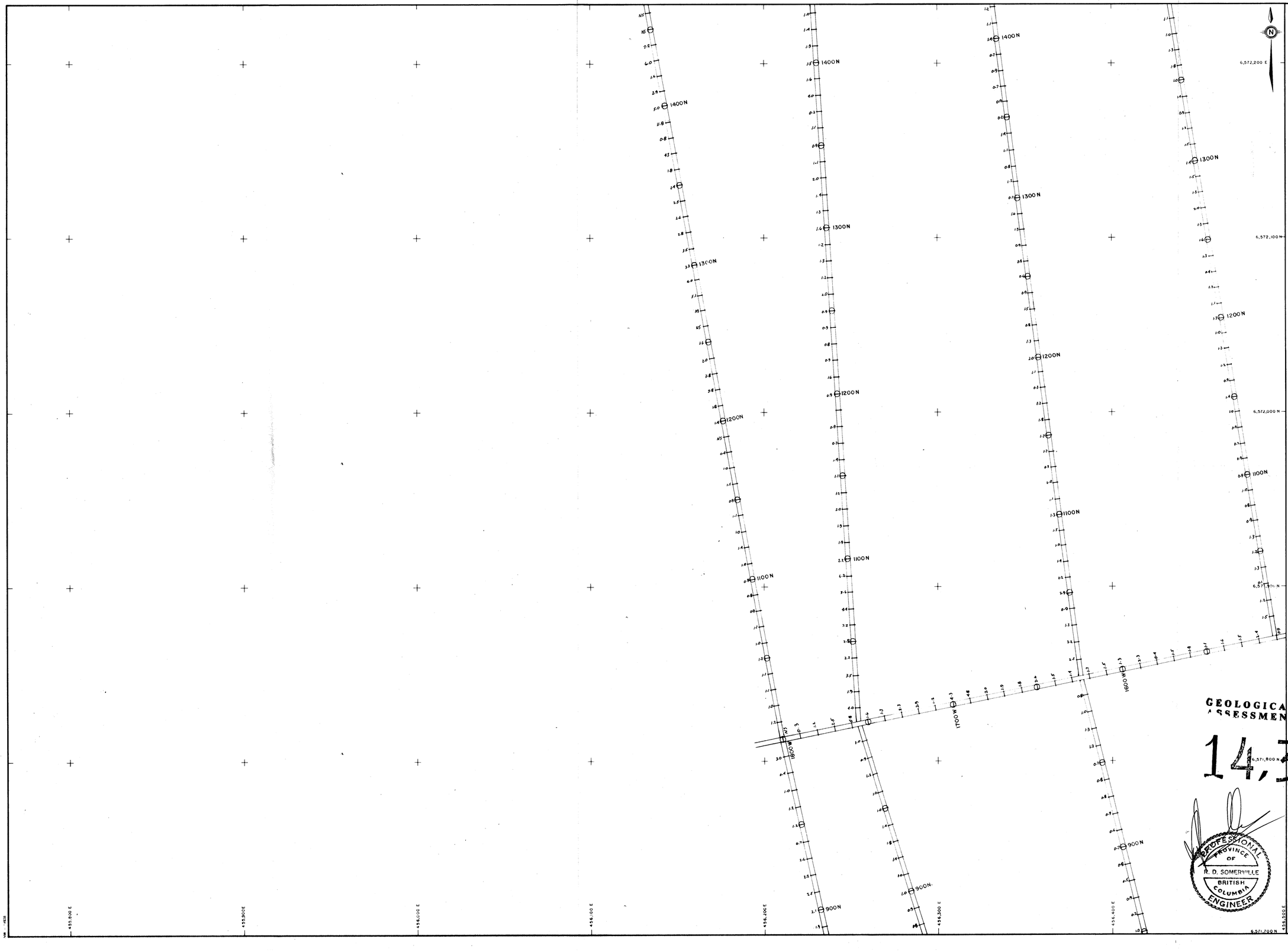
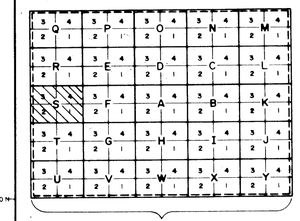
5300N
5400N
5500N



AREA INDEX

41	40	39	6,573,200 N
20	19	18	6,570,700 N
21	6	5	6,568,200 N
22	7	0	6,565,700 N

453,300 E — 455,800 E — 458,300 E — 460,800 E — 6,563,200 N



ENLARGEMENT OF AREA 40

SYMBOLS

- Rock outcrop, area of outcrop, float
- Geological boundary (defined, inferred)
- Bedding (horizontal, inclined, vertical, overturned, dip unknown)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Lineation, axis of minor folds (horizontal, inclined, vertical)
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- Fault (defined, interpreted)
- Fault (inclined, vertical, relative movement) U D
- Surface joint (horiz., inclined, vert., dip unknown)
- U/G joint (horiz., inclined, vert., dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)
- Vein (inclined, vertical, dip unknown) 80°
- Zone of alteration
- Rock sample, X 0.324, 0.15 Assay: Au, Ag ounce/ton
- Trench
- Adit or tunnel
- Rock dump or tailings
- Shaft, raise, winze
- Diamond drill hole (entering section, leaving section) (on section / plan)
- Contours 2500
- Stream or creek (perennial, intermittent)
- Marsh
- Lake
- Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

SCALE 1:1000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY
SILVER

Project Name: ELAN GRID — Project No.: 1003

Latitude: 59° 17' — Longitude: 129° 45'

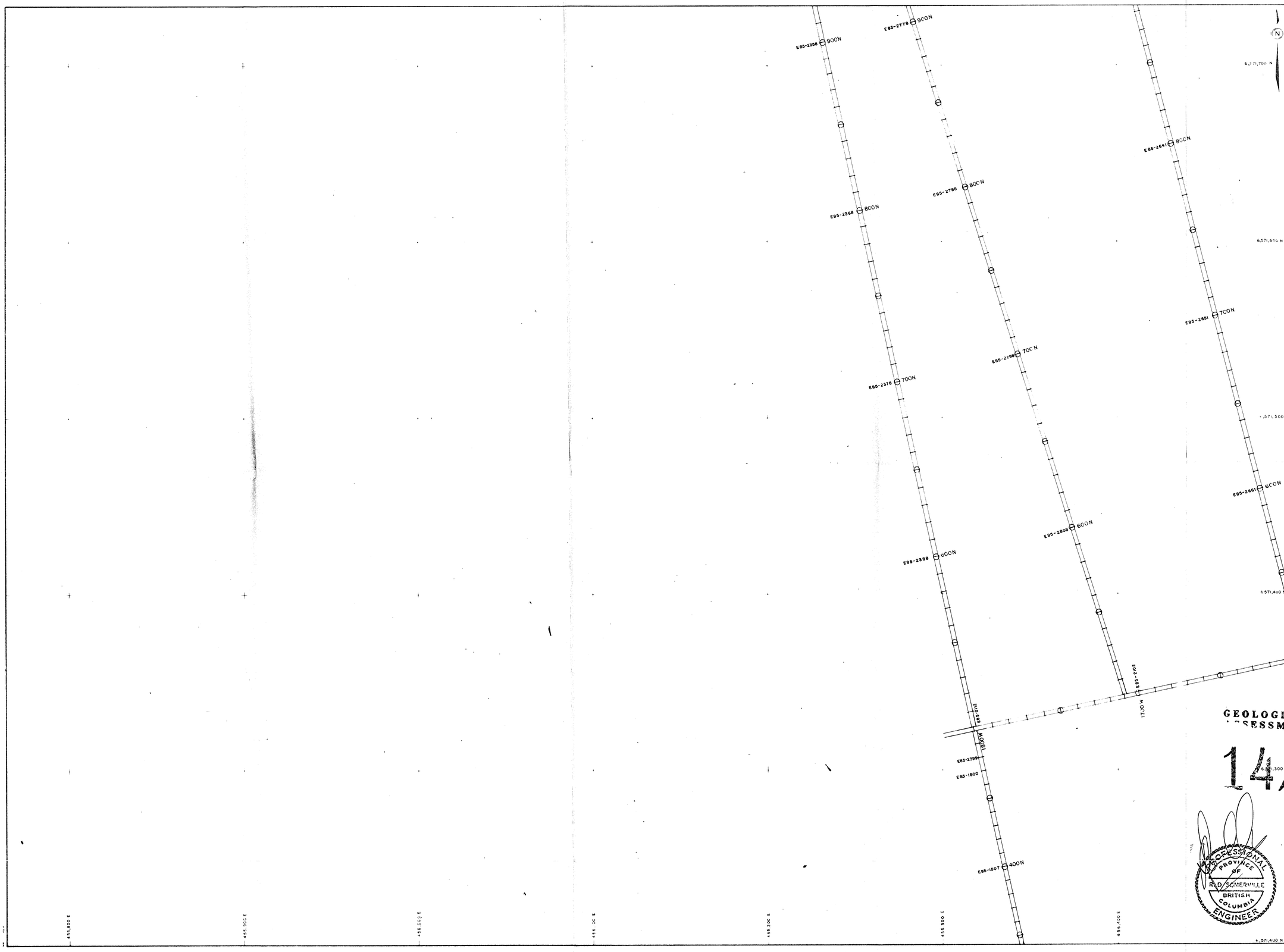
Mining Division: LIARD — N.T.S.: 104 P5E, W

To accompany a report by: R. SOMERVILLE, P. Eng. E. DUSSEL, B.Sc.

Alpha No. — Drawing No.

Date: FEB. 15, 1986 — Map No.: 40-S-3

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — R. D. SOMERVILLE



AREA INDEX

ENLARGEMENT OF AREA 40

SYMBOLS

Geological boundary, defined, inferred

Contours -2500-

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

SCALE 1:1000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No. 1003

Latitude 59° 17' Longitude 129° 45'

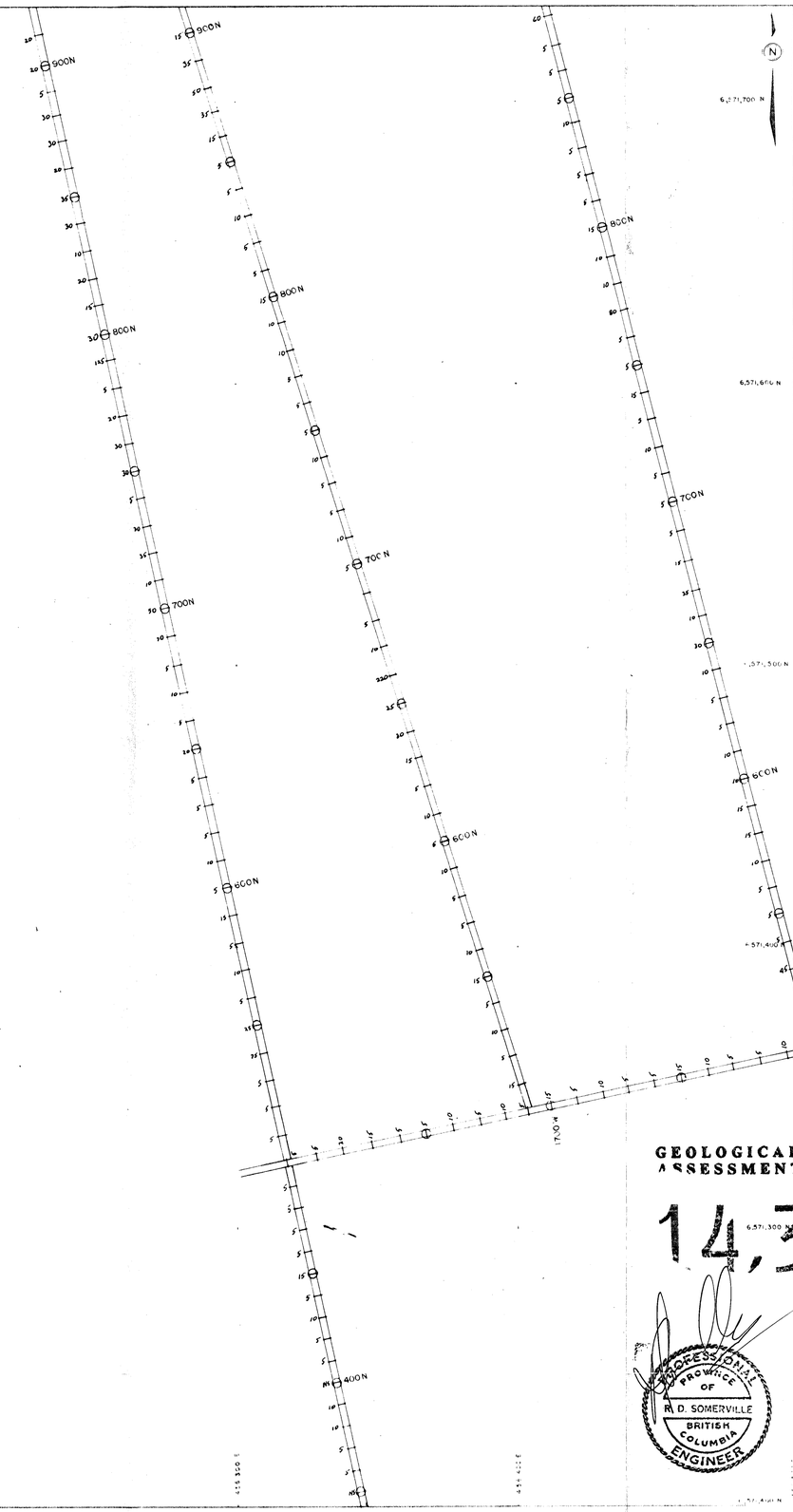
Mining Division LIARD N.T.S. 104 P5E, W

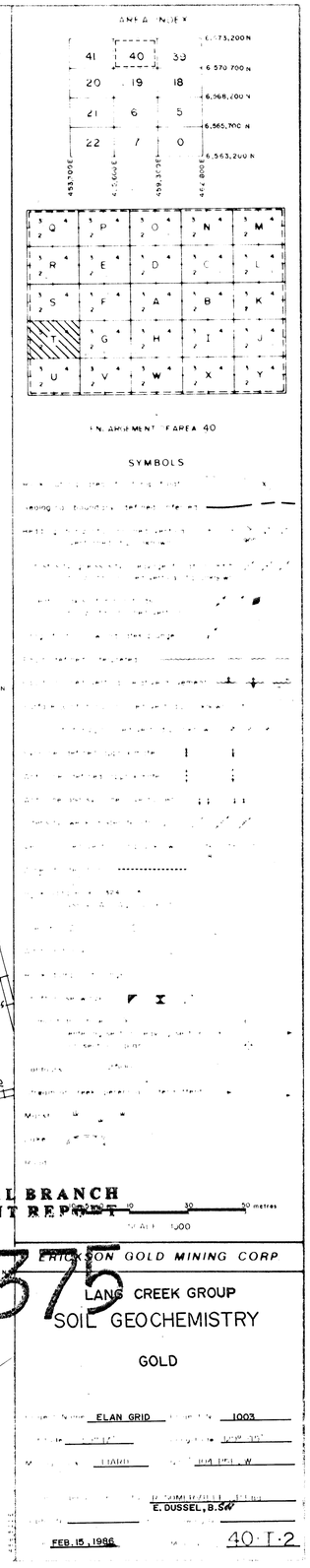
To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No. Drawing No.

Date FEB. 15, 1986 Map No. 40·T·1

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE





GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP

LANG CREEK GROUP

SOIL GEOCHEMISTRY

GOLD

ELAN GRID 1003

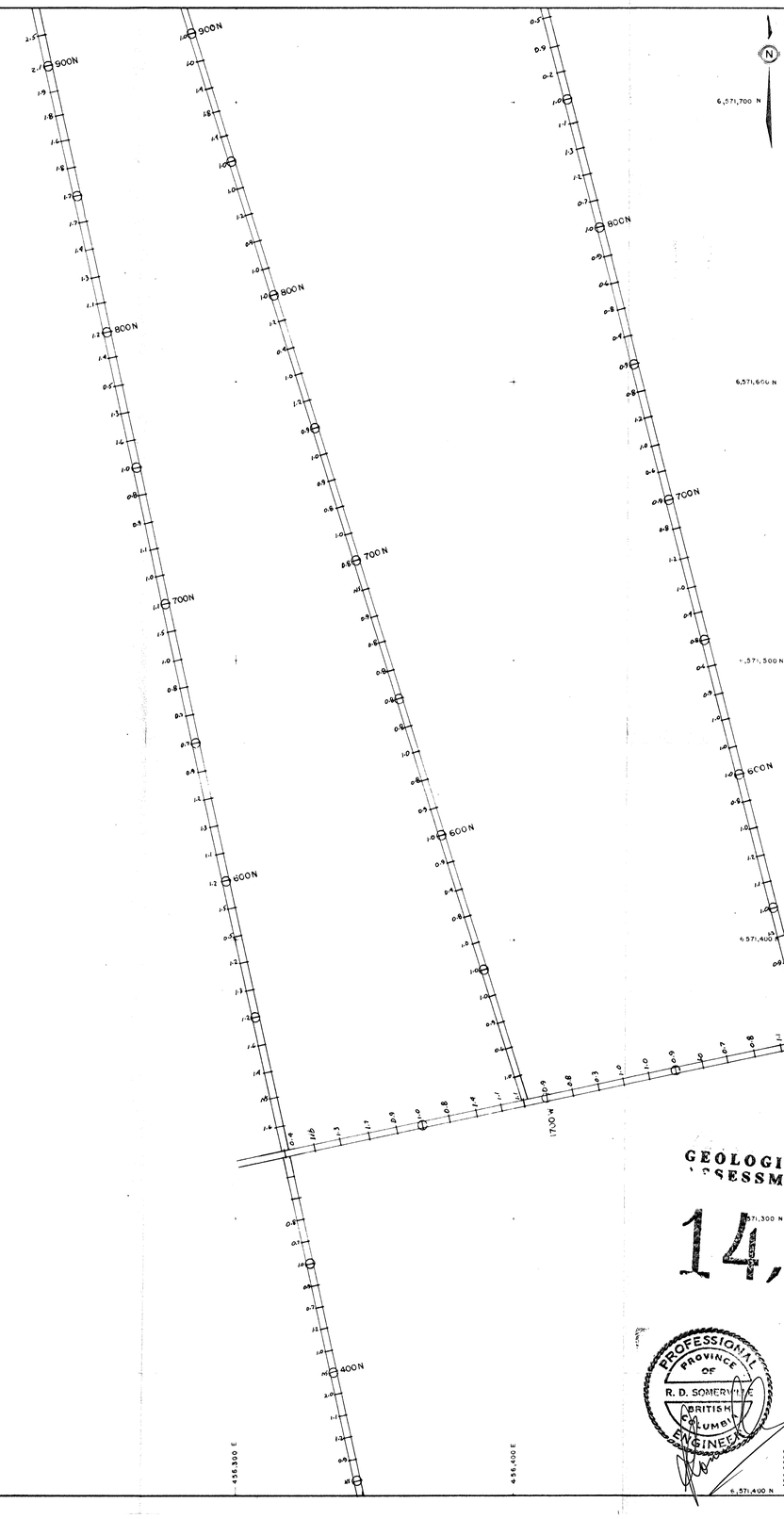
R. D. SOMERVILLE, B.Sc.

E. DUSSEL, B.Sc.

FEB. 15, 1986

40·I·2

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX

41	40	39	6,573,200 N
20	19	18	6,570,700 N
21	6	5	6,568,200 N
22	1	0	6,565,700 N

453,700 E — 456,800 E — 459,300 E — 462,800 E — 6,563,200 N

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

ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop limit

Geological boundary defined, inferred

Bedding, horizontal, inclined, vertical, overturned, if known

Schistosity, gneissosity, cleavage, flow, joint, fracture, horizontal, inclined, vertical, if known

Lineation, axis of minor folds, horizontal, inclined, vertical

Drag fold, crenulation, striation, plunge

Fault, defined, interpreted

Fault, horizontal, vertical, displacement

Syncline, defined, inferred, horizontal, inclined, vertical, if known

Anticline, defined, inferred, horizontal, inclined, vertical, if known

Antiform, synform, overturned

Tension gash, extension vein

Joint, vertical, inclined, if known

Vein, showing dip

Contact, showing dip

Contours

Stream or creek, perennial, intermittent

Marsh

Lake

Road

10 0 0 10 30 50 metres

1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY
SILVER

Property Name ELAN GRID Property No. 1003

Latitude 57° 17' Longitude 129° 45'

Map Reference LIARD NTS 104 P5E, W

Report Compiled by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Assessment No. Claim(s)

Date FEB. 15, 1985 Map No. 40-T-3

E85-1517 300N

E85-1527 200N

E85-1537 100N

E85-1542 0

100N

6,571,200N

6,571,100N

6,571,000N

6,570,900N

6,570,800N

CASSIAR HIGHWAY

TROUTLINE CREEK

455,200E

455,300E

455,400E

455,500E

456,000E

456,100E

456,200E

456,300E

456,400E

5,570,700N

AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,571,200N
6,571,100N
6,571,000N
6,570,900N
6,570,800N
455,300E
455,400E
455,500E
456,000E

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

ENLARGEMENT OF AREA

SYMBOLS

Rock outcrop, prec. if outcrop, float

Geological boundary: defined, inferred

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

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

Lineation (axis of minor folds, elongation, intersection) (horizontal, inclined, vertical)

Drag fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample (e.g. 324, 0.15, Ag50a: Au, Ag ounce/ton)

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole (entering section, leaving section) (on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 5 10 30 50 metres

SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,575

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

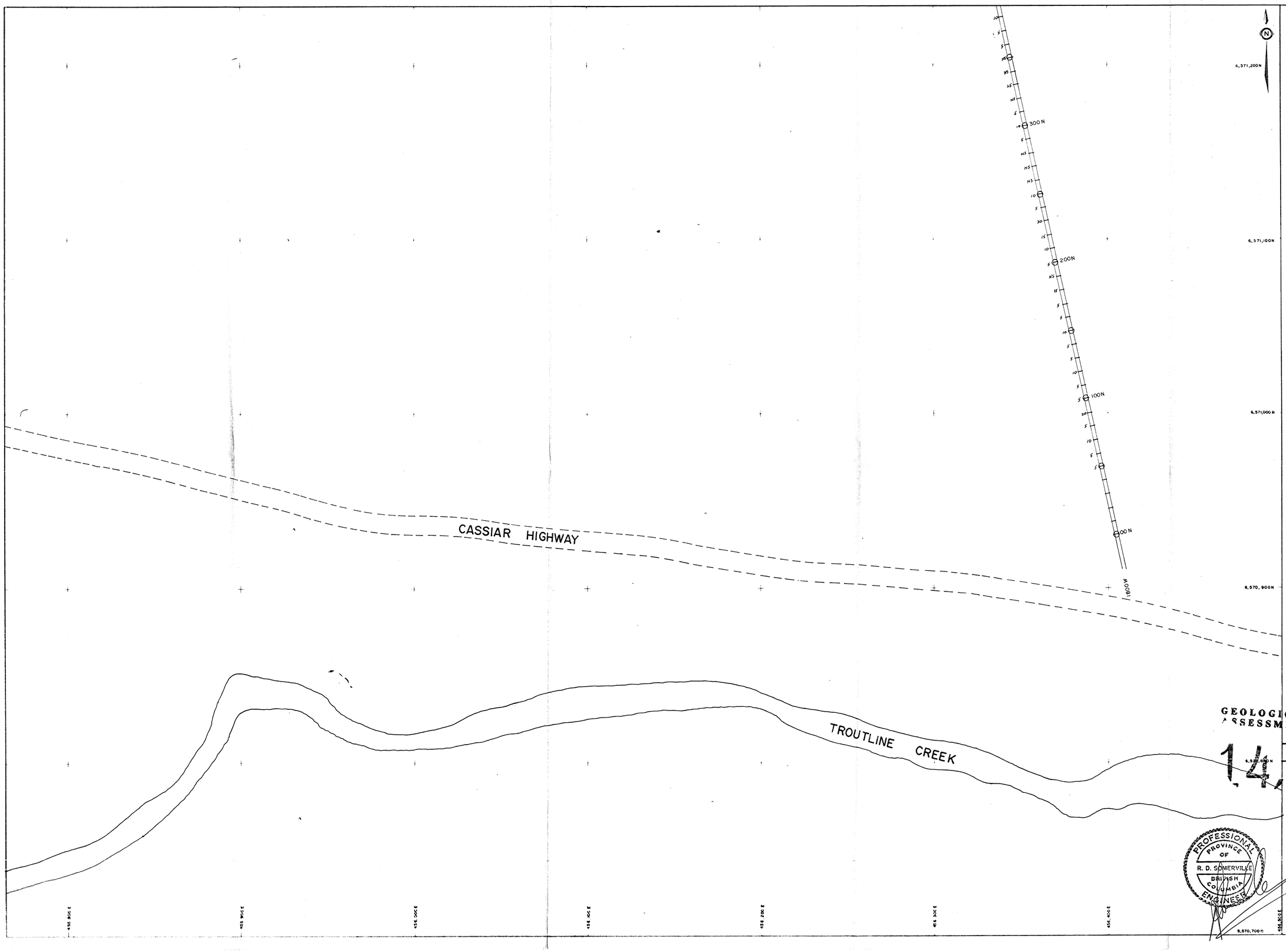
Mining Division LIARD NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng. E. DUSSEL, B.Sc.

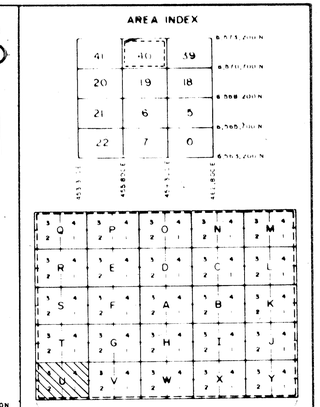
Alpha No. Drawing No.

Date FEB. 15, 1985 Map No. 40-U-1

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. D. SOMERVILLE



AREA INDEX



ENLARGEMENT OF AREA

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

SCALE 1:000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

GOLD

Project Name	ELAN GRID	Project No.	1003
Latitude	59° 17'	Longitude	129° 45'
Mining Division	LIARD	N.T.S.	104 P5E, W
To accompany a report by	R. SOMERVILLE, P. Eng. E. DUSSEL, B.Sc.		
Alpha No.		Drawing No.	
Date	FEB. 15, 1986	Map No.	40·U·2

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PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

CASSIAR HIGHWAY

TROUTLINE CREEK

300N
200N
100N
000N
100W

6,571,200N
6,571,100N
6,571,000N
6,570,900N
6,570,800N
6,570,700N

455,820E
455,900E
455,980E
456,060E
456,140E
456,220E
456,300E
456,380E
456,460E
456,540E

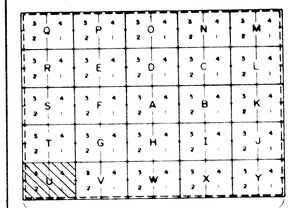
N

AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200N
6,570,700N
6,568,200N
6,565,700N
6,563,200N

455,340E
455,820E
456,300E
456,780E



ENLARGEMENT OF AREA

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz, inclined, vert, dip unknown)

U/G joint (horiz, inclined, vert, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0324, 015
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

0 30 50 metres
SCALE 1:1000

ERICKSON GOLD MINING CORP.

14,375

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SILVER

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No. Drawing No.

Date FEB. 15, 1986 Map No. 40-U-3

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

E85-873 200N

E85-874 200N

E85-879 200N

E85-883 100N

E85-884 100N

E85-889 100N

1300N

1200N

1100N

6,571,200N

6,571,100N

6,571,000N

6,570,900N

6,570,800N

6,570,700N

00 BASELINE

CASSIAR HIGHWAY

TROUTLINE CREEK

455,300E

455,400E

455,500E

455,600E

455,700E

455,800E

455,900E

456,000E

457,000E

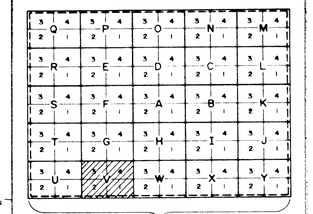
457,100E

457,200E

AREA INDEX

41	40	39	6,573,200N
20	19	18	6,570,700N
21	6	5	6,568,200N
22	7	0	6,565,700N
			6,563,200N

453,300E | 455,800E | 459,300E | 462,800E



ENLARGEMENT OF AREA ___

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

10 5 0 10 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,575

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

Project Name ELAN GRID Project No. 1003

Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No. ___ Drawing No. ___

Date FEB. 15, 1986 Map No 40V-1


00 BASELINE
CASSIAR HIGHWAY
TROUTLINE CREEK
451,200E
451,400E
451,600E
451,800E
452,000E
452,200E
452,400E
452,600E
452,800E
453,000E
453,200E
453,400E
453,600E
453,800E
454,000E
454,200E
454,400E
454,600E
454,800E
455,000E
455,200E
455,400E
455,600E
455,800E
456,000E
456,200E
456,400E
456,600E
456,800E
457,000E
457,200E
6,571,200N
6,571,100N
6,571,000N
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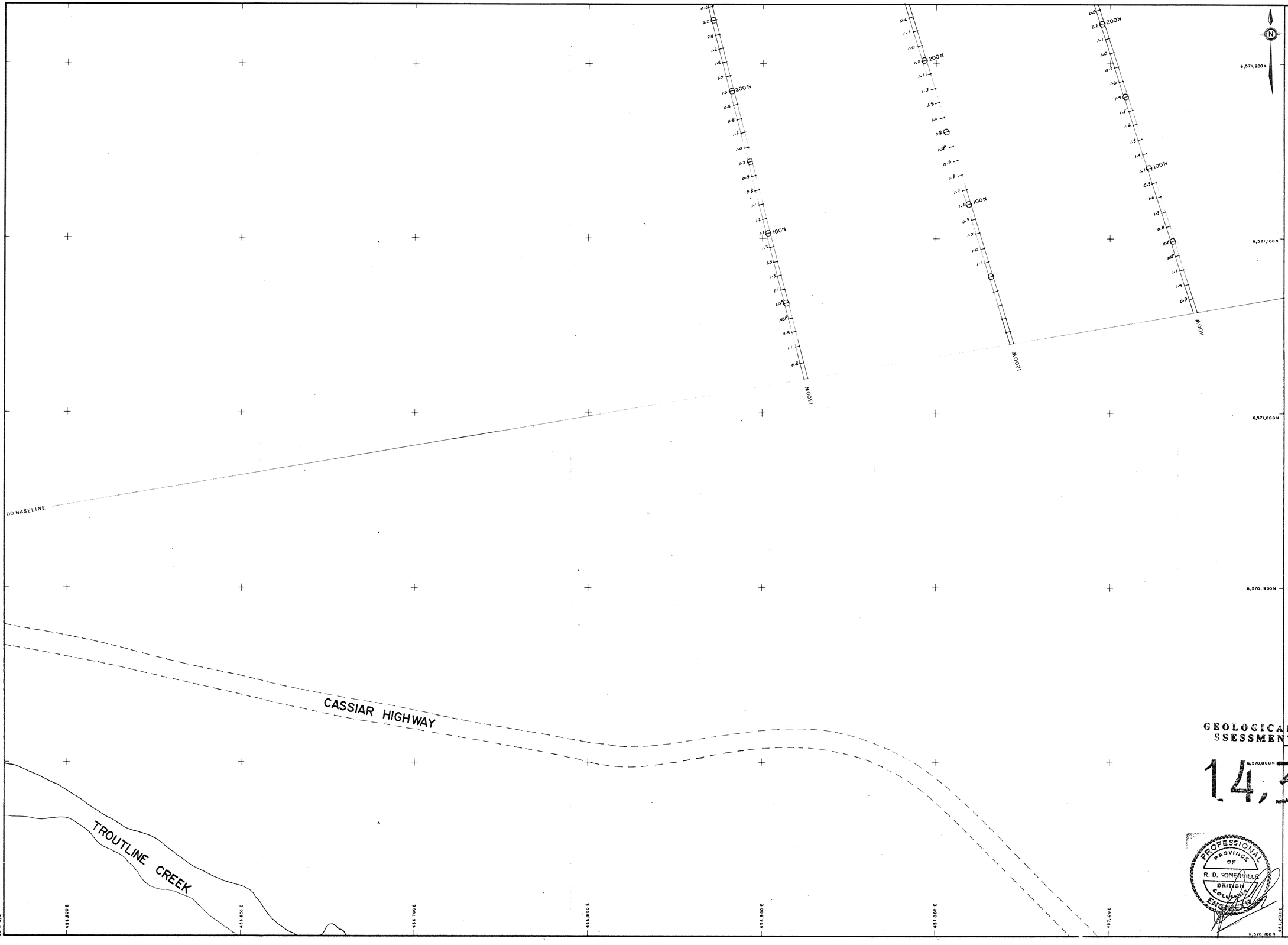
100N
200N
100N
100N
100



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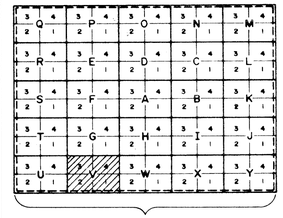
22	7	0	6,565,700N
453,300E	455,800E	458,300E	462,800E 6,563,200N



ENLARGEMENT OF AREA ____

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

10 5 0 10 30 50 metres
SCALE: 1:000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SILVER

Project Name: ELAN GRID Project No.: 1003

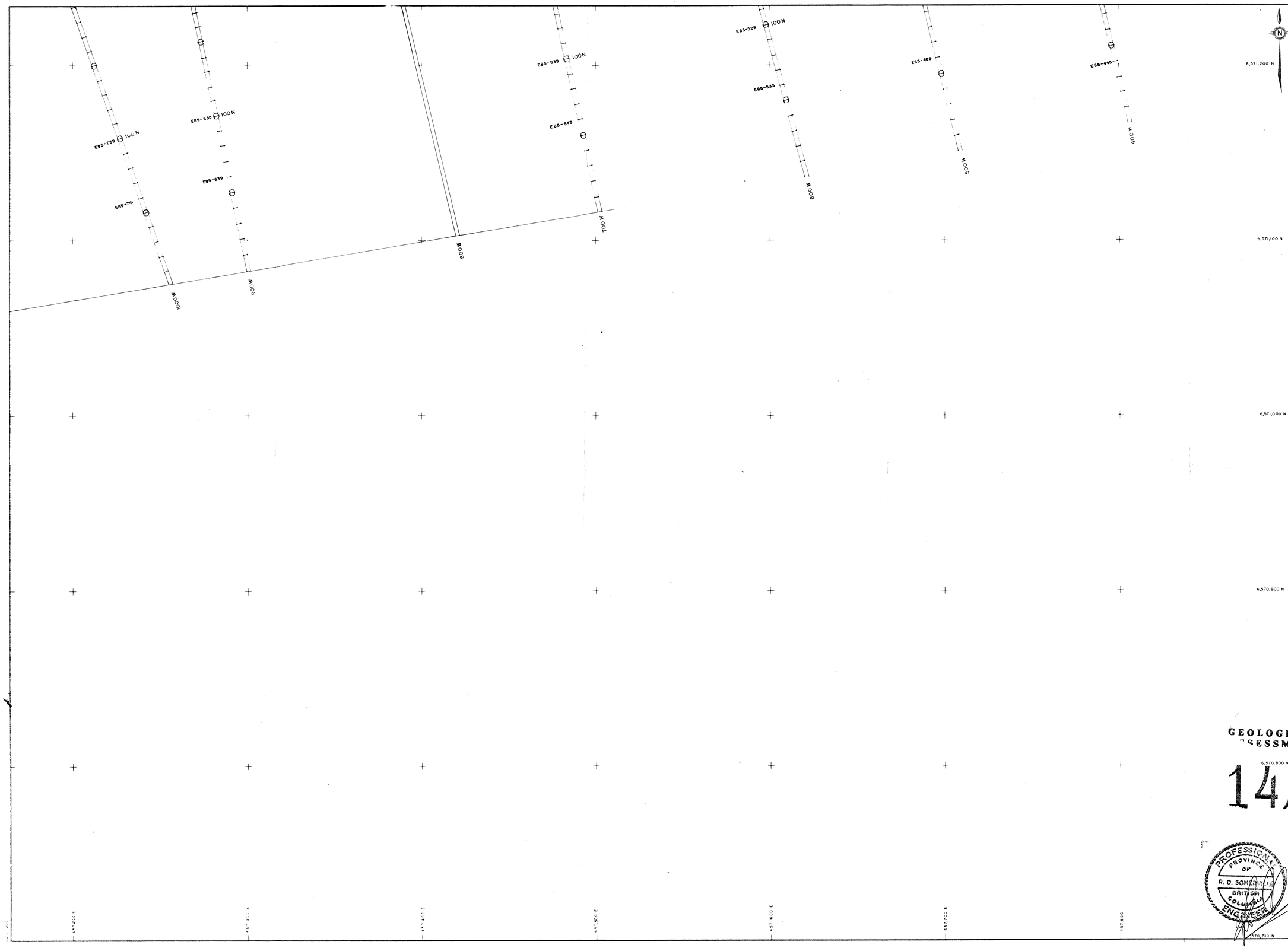
Latitude: 59° 17' Longitude: 129° 45'

Mining Division: LIARD NTS: NTS 104 P5E, W

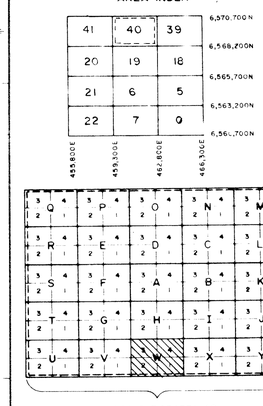
To accompany a report by: R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No.: Drawing No.:

Date: FEB. 15, 1986 Map No.: 40V-3



AREA INDEX



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz, inclined, vert, dip unknown)

U/G joint (horiz, inclined, vert, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

10 5 0 10 30 50 metres

SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

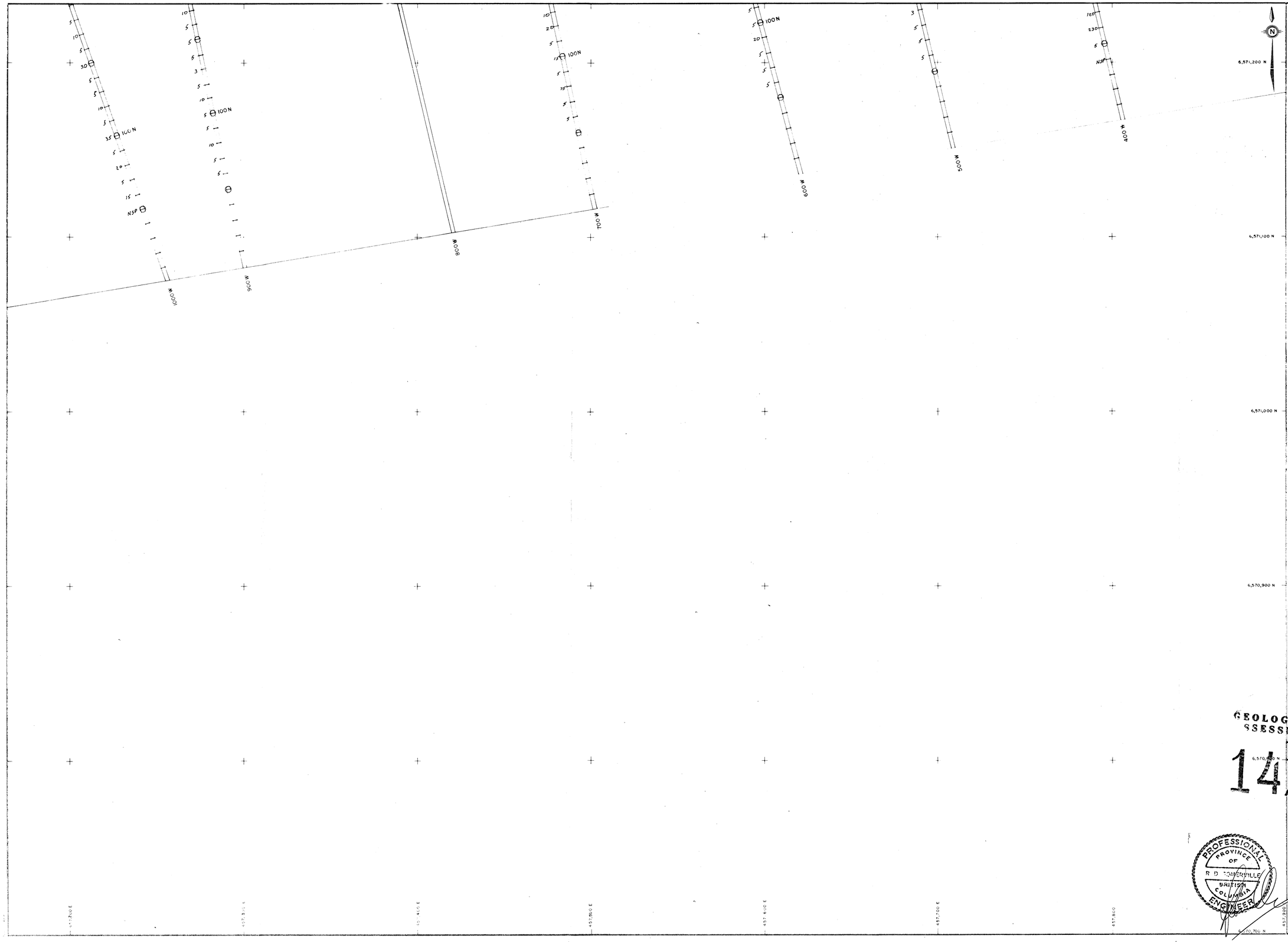
Mining Division LIARD NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng
E. DUSSEL, B.Sc.

Alpha No Drawing No

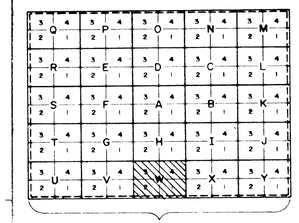
Date FEB. 15, 1986 Map No 40·W·1

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX

41	40	39	6,570,700 N
20	19	18	6,568,700 N
21	6	5	6,565,700 N
22	7	0	6,563,200 N
455,800 E	459,300 E	462,800 E	466,300 E



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz, inclined, vert, dip unknown)

U/G joint (horiz, inclined, vert, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 10 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

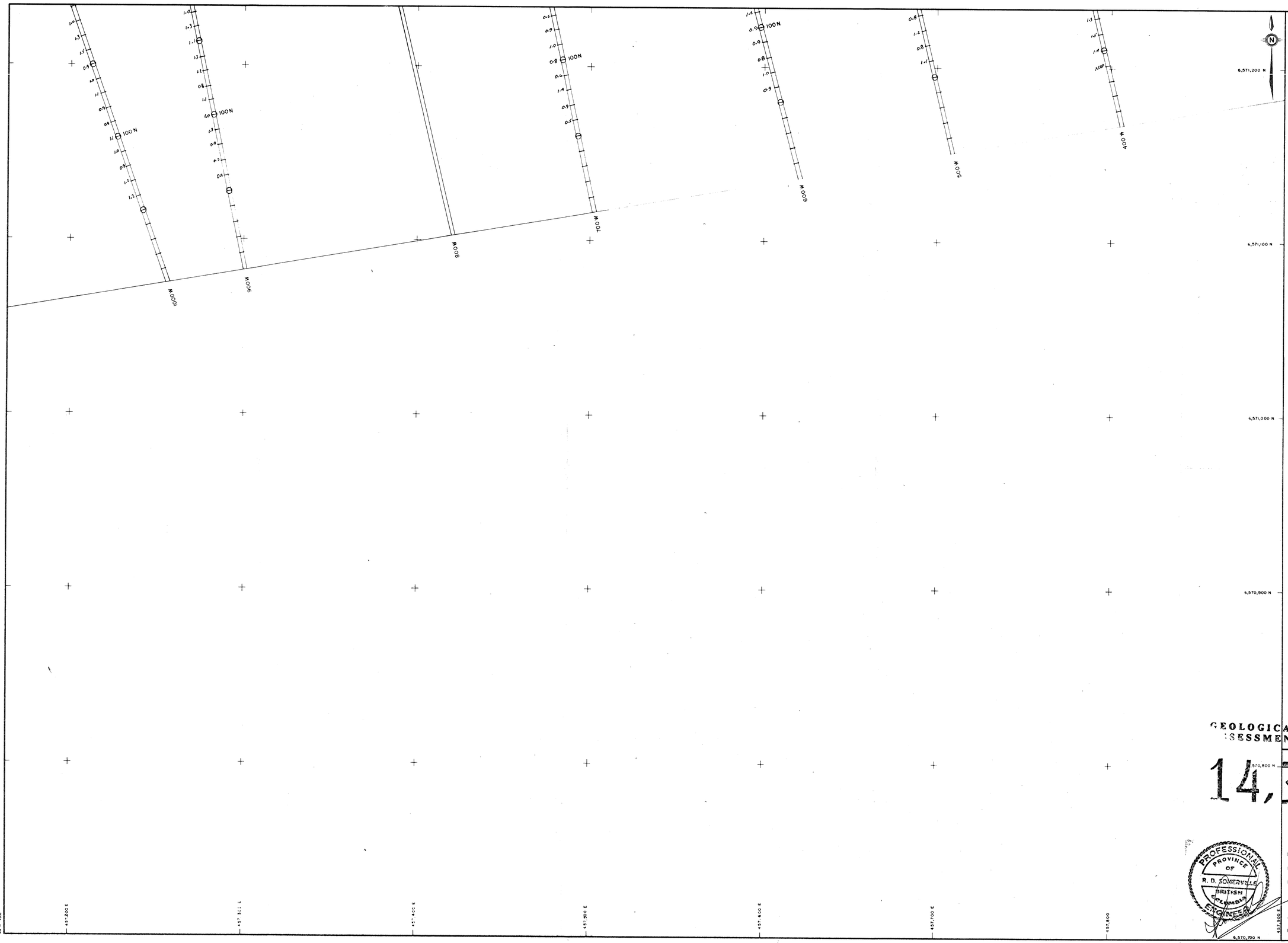
Mining Division LIARD NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng
E. DUSSEL, B.Sc.

Alpha No. Drawing No.

Date FEB. 15, 1986 Map No. 40-W-2

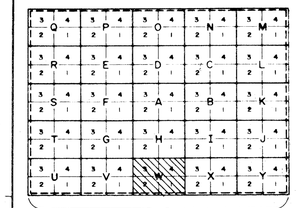
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	9

6,570,700 N
6,568,200N
6,565,700N
6,563,200N
6,560,700N
455,800E
459,300E
462,800E
466,300E



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz, inclined, vert, dip unknown)

U/G joint (horiz, inclined, vert, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

ELAN CREEK GROUP
SOIL GEOCHEMISTRY

SILVER

Project Name: ELAN GRID Project No. 1003

Latitude 59° 17' Longitude 129° 45'

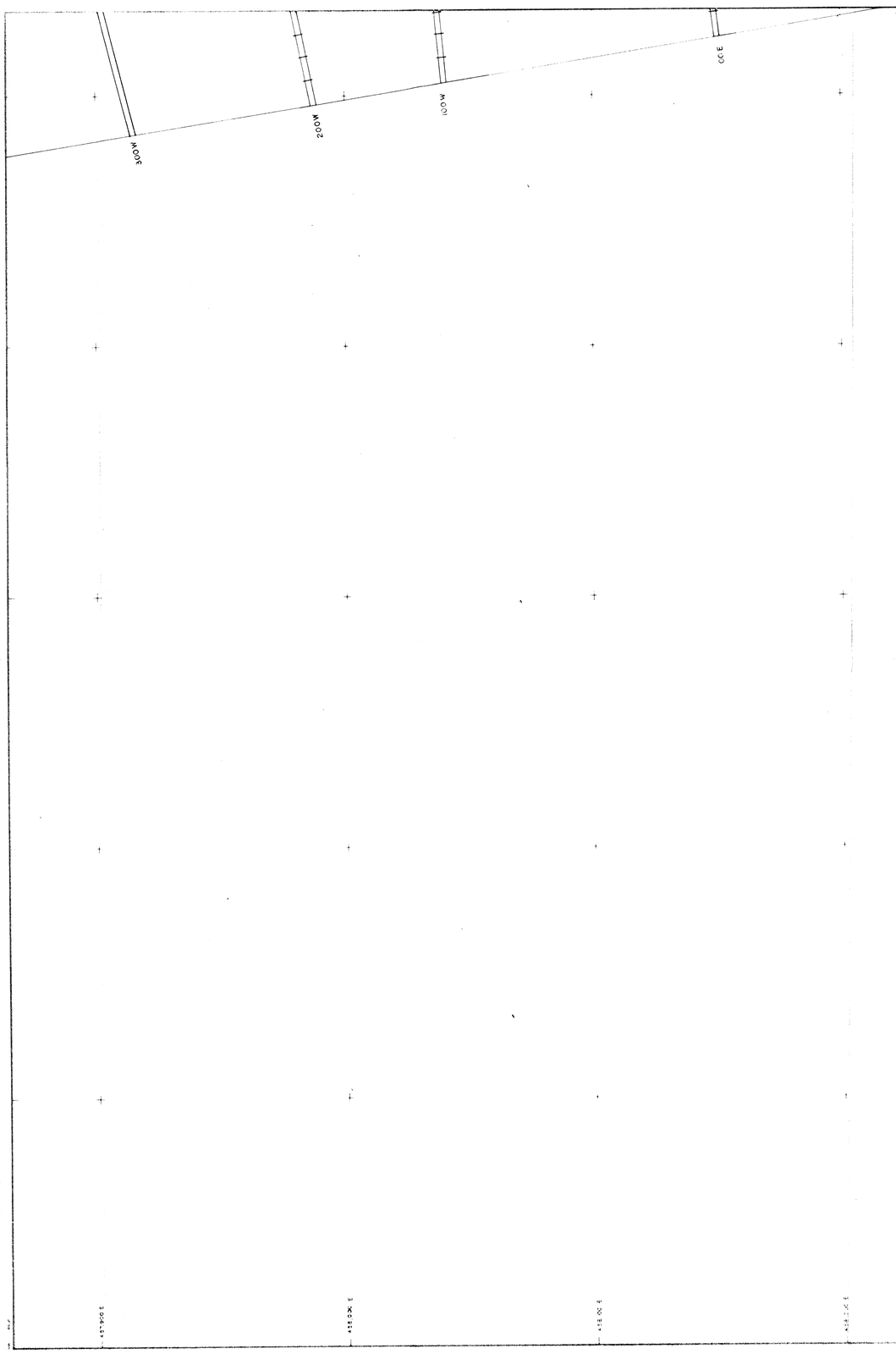
Mining Division: LIARD N.T.S. 104 P5E, W

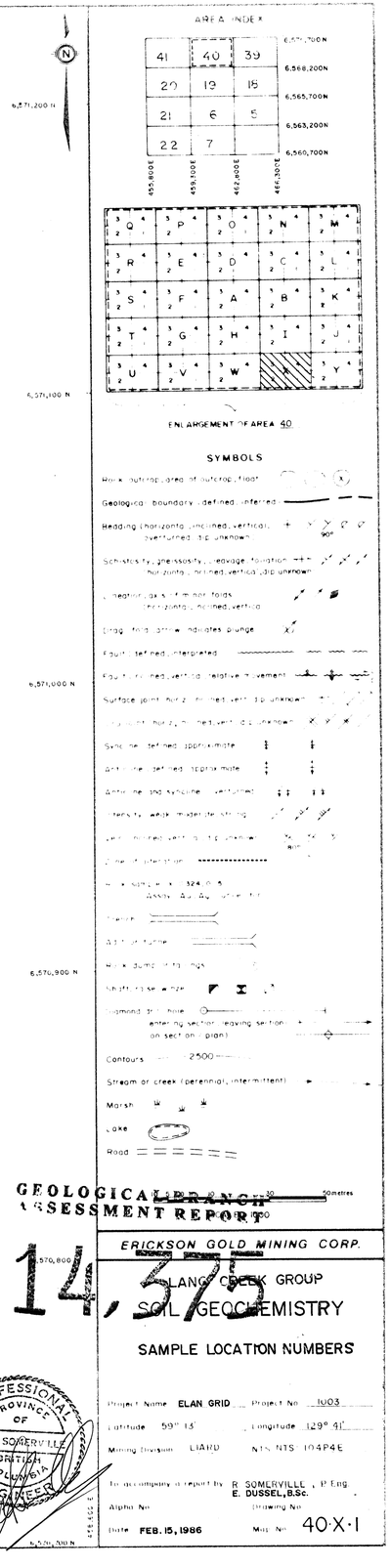
To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No. Drawing No.

Date FEB. 15, 1986 Map No. 40-W-3

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE




N
6,571,200 N
6,571,100 N
6,571,000 N
6,570,900 N
6,570,800 N
AREA INDEX
41
40
39
20
19
18
21
6
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22
7
6,571,700N
6,568,200N
6,565,700N
6,563,200N
6,560,700N
455,800E
459,100E
462,800E
466,300E
Q
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O
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A
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G
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J
U
V
W
X
Y
ENLARGEMENT OF AREA 40
SYMBOLS
Rock outcrop, gravel or outcrop, float
Geological boundary, defined, inferred
Bedding, horizontal, inclined, vertical, overturned, dip unknown
90°
Schistosity, gneissosity, cleavage, foliation, etc., horizontal, inclined, vertical, dip unknown
Lineation, axis of minor folds, horizontal, inclined, vertical
Drag fold, arrow indicates plunge
Fault, defined, interpreted
Fault, defined, vertical, relative movement
Surface joint, horizontal, defined, vertical, dip unknown
Synclinal axis, defined, approximate
Anticlinal axis, defined, approximate
Antiformal and synformal axis, horizontal
Isopachs, width, thickness of strata
Limit of mineralization
Limit of alteration
Mine adit, mine tunnel, mine shaft
Drill hole
Diamond drill hole
entering section, leaving section, on section (plan)
Contours 2500
Stream or creek (perennial, intermittent)
Marsh
Lake
Road
0 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750 1800 1850 1900 1950

300W

200W

100W

CCE

6,571,200 N

6,571,100 N

6,571,000 N

6,570,900 N

6,570,800 N

6,570,700 N

455,900 E

456,000 E

456,100 E

456,200 E

456,300 E

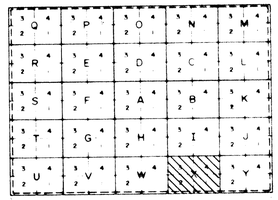
456,400 E

456,500 E

AREA INDEX

41	40	39	6,571,700N
20	19	18	6,568,200N
21	6	5	6,565,700N
22	7		6,563,200N

455,800E 459,700E 462,800E 466,300E



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, talus, float

Geological boundary, defined, inferred

Bedding, horizontal, inclined, vertical, overturned, tops unknown

Schistosity, gneissosity, foliation, flow, horizontal, inclined, vertical, tops unknown

Lineation (axis of small fold), horizontal, inclined, vertical

Drag fold, strain or mullion plunge

Fault, defined, interpolated

Fault, inclined, vertical, relative movement

Surface joint, horizontal, inclined, vertical, tops unknown

Joint, horizontal, inclined, vertical, tops unknown

Quartz vein, defined, interpolated

Quartz vein, defined, interpolated

Quartz veins, width exaggerated

Limit of overburden

Rock dump or tailings

Shaft, raise or winze

Diamond drill hole (entering section, leaving section) (on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 50 100 200metres

SCALE 1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No. 1903

Latitude 59° 15' Longitude 129° 41'

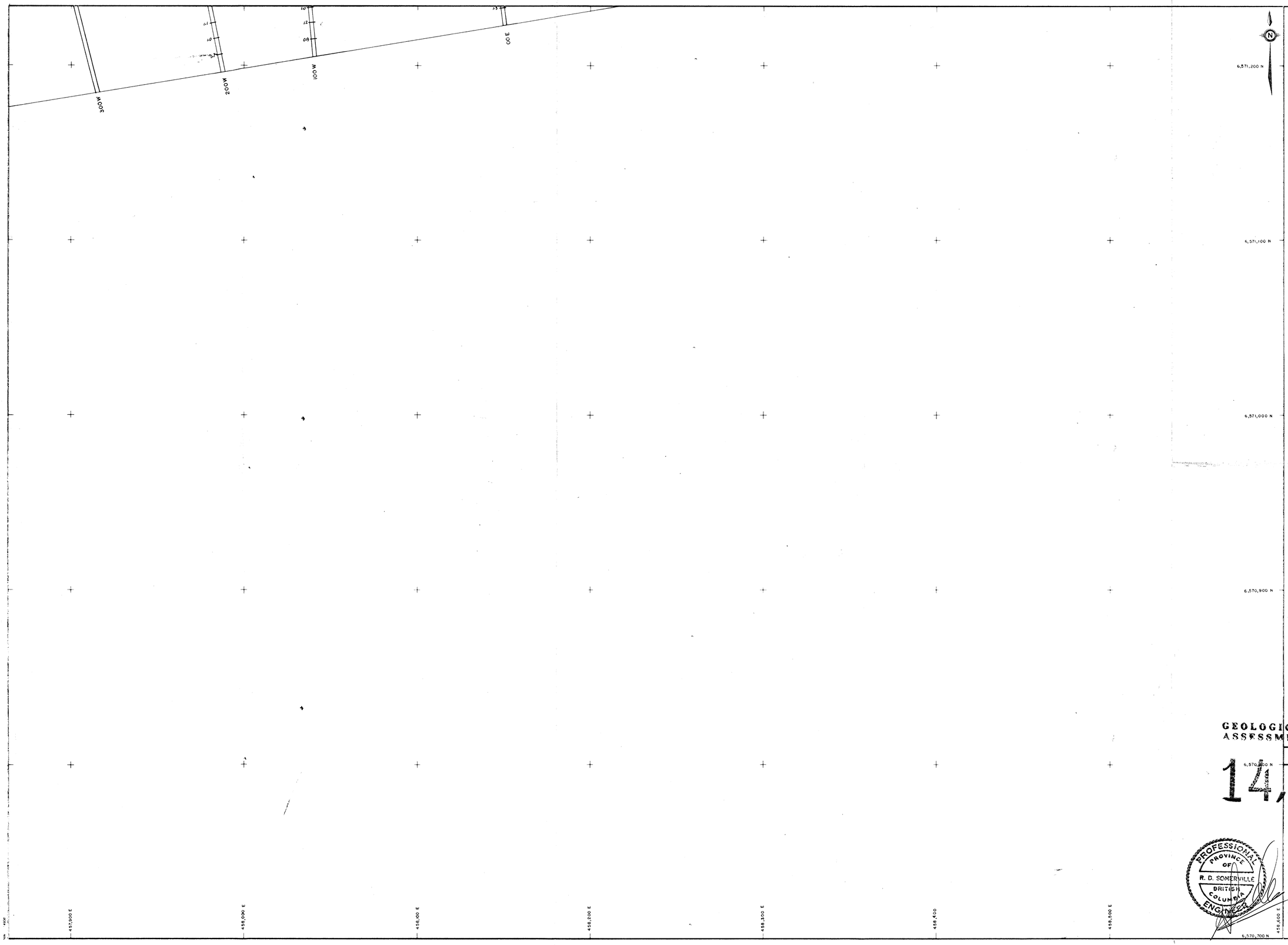
Mining Division LIARD NTS NTS 104P4E

To accompany report by R. SOMERVILLE, P.Eng. E. DUSSEL, B.Sc.

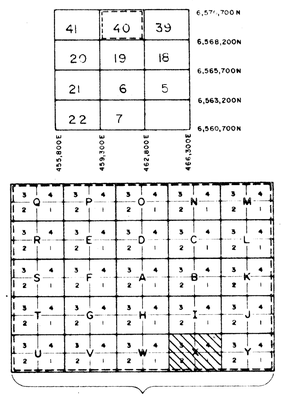
Claims No. Drawing No.

Date FEB 15, 1986 Map No. 40-X-2

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. D. SOMERVILLE



AREA INDEX



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz, inclined, vert, dip unknown)

U/G joint (horiz, inclined, vert, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LARGE CREEK GROUP
SOIL GEOCHEMISTRY

SILVER

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

Project Name ELAN GRID Project No 1003

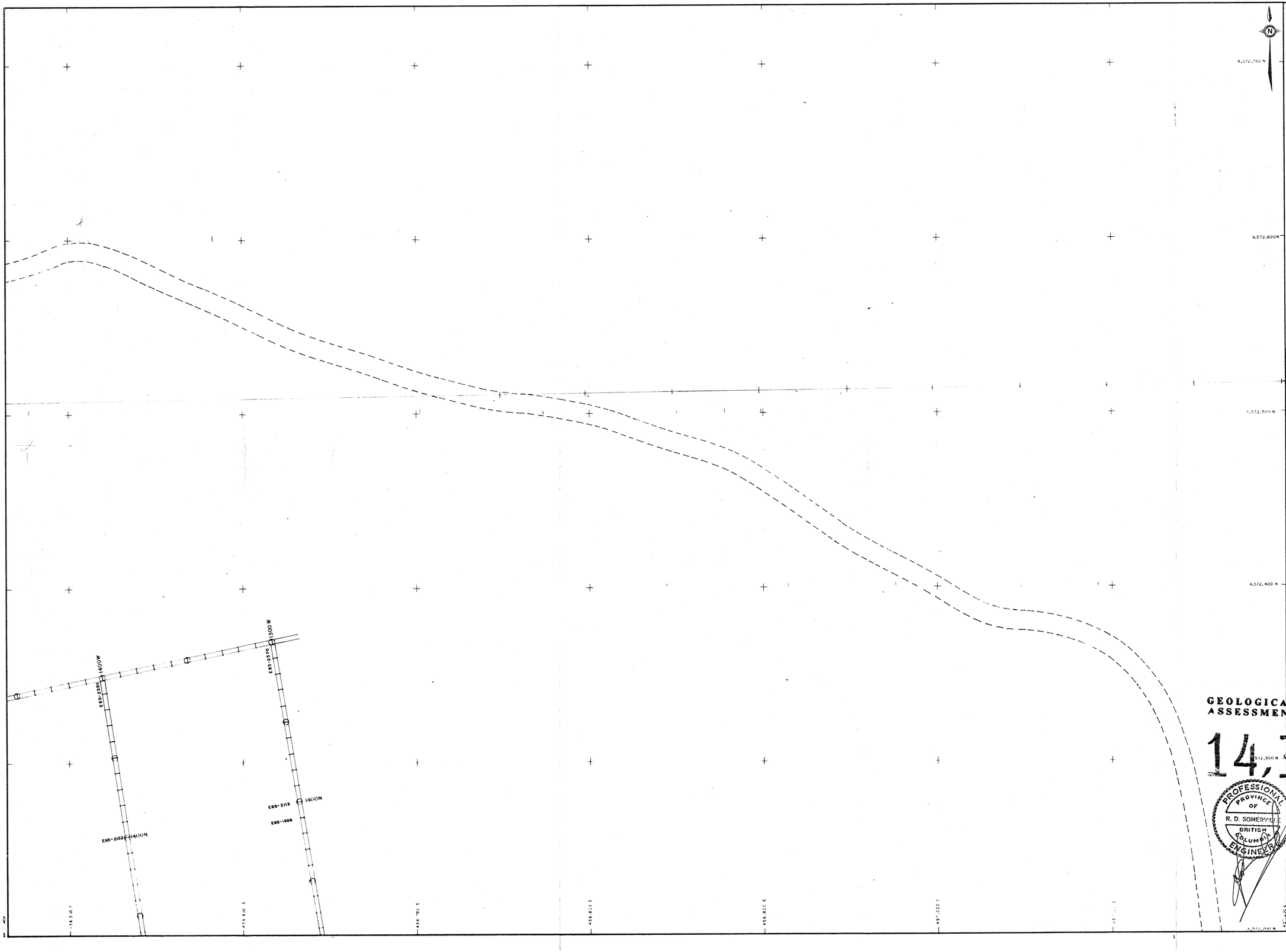
Latitude 59° 13' Longitude 129° 41'

Mining Division LIARD NTS NTS: 104P4E

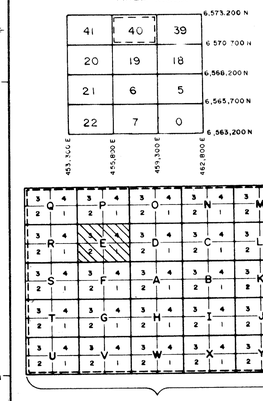
To accompany a report by R. SOMERVILLE, P. Eng.
E. DUSSEL, B.Sc.

Alpha No Drawing No

Date FEB. 15, 1986 Map No 40·X·3



AREA INDEX



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

SCALE 1:1000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

Project Name ELAN GRID Project No 1003

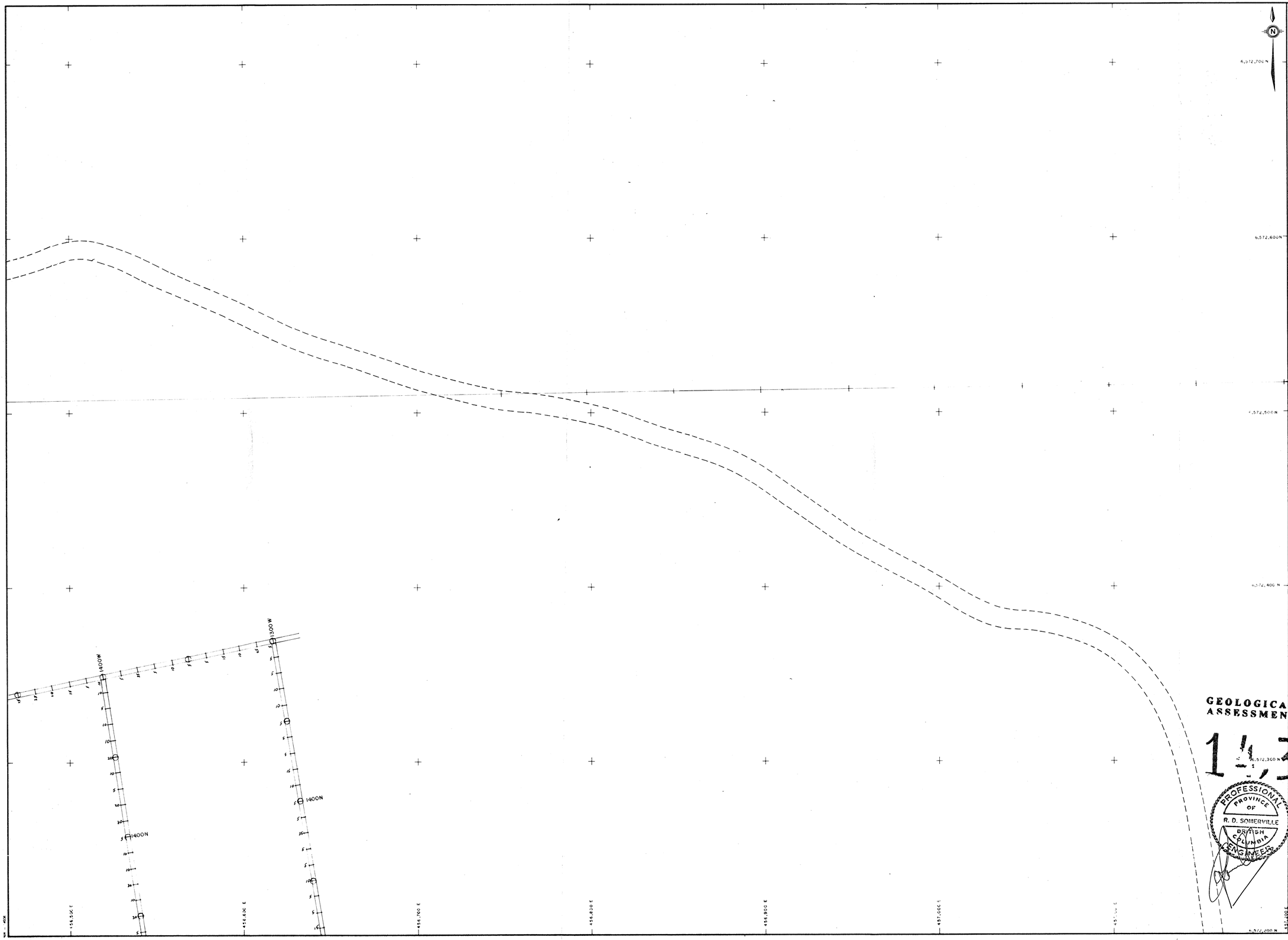
Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS 104 P5L,W

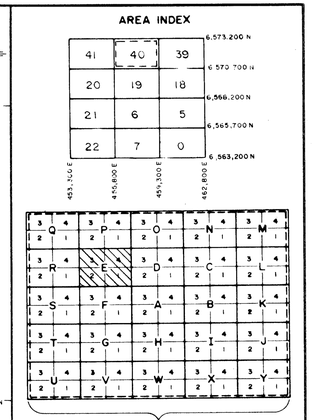
To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No Drawing No

Date FEB. 15, 1986 Map No 40 E-1



AREA INDEX



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 10 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No 1003

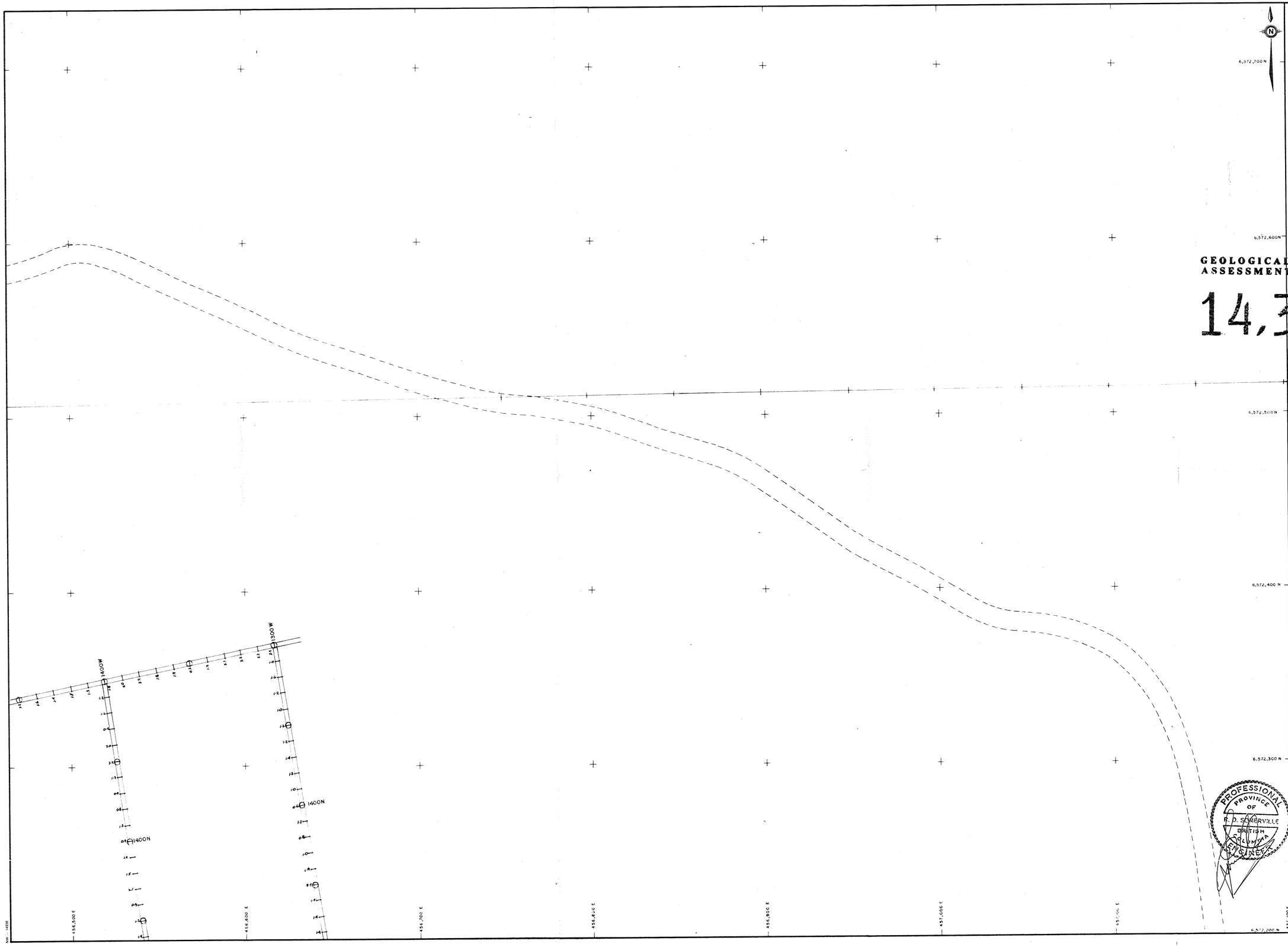
Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS 104 P 5E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No _____ Drawing No _____

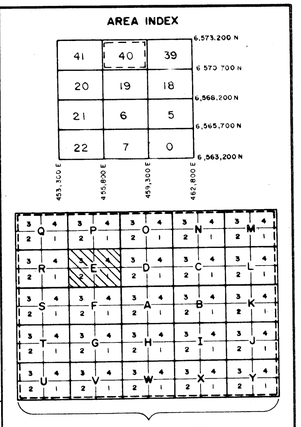
Date FEB. 15, 1986 Map No 40 · E · 2



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

AREA INDEX



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

10 5 0 10 30 50 metres

SCALE: 1:1000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SILVER

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

Project Name: ELAN GRID Project No.: 1003

Latitude: 59° 17' Longitude: 129° 45'

Mining Division: LIARD N.T.S.: 104 P5E,W

To accompany a report by: R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No.: Drawing No.:

Date: FEB. 15, 1986 Map No. 40·E·3

AREA INDEX

41	40	39	6,573,300N
20	19	18	6,570,700
21	6	5	6,568,200
22	7	0	6,565,700
			6,563,200N

453,300E 455,800E 458,300E 460,800E

ENLARGEMENT OF AREA

SYMBOLS

- Rock outcrop, area of outcrop, float
- Geological boundary (defined, inferred)
- Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)
- Fault (inclined, vertical, relative movement)
- Surface joint (horiz., inclined, vert., dip unknown)
- U/G joint (horiz., inclined, vert., dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)
- Vein (inclined, vertical, dip unknown)
- Zone of alteration
- Rock sample, X 0.324, 0.15 Assay: Au, Ag ounce/ton
- Trench
- Adit or tunnel
- Rock dump or tailings
- Shaft, raise, winze
- Diamond drill hole (entering section, leaving section) (on section / plan)
- Contours 2500
- Stream or creek (perennial, intermittent)
- Marsh
- Lake
- Road

SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY
SAMPLE LOCATION NUMBERS

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R.D. SOMERVILLE

Project Name ELAN GRID Project No 1003

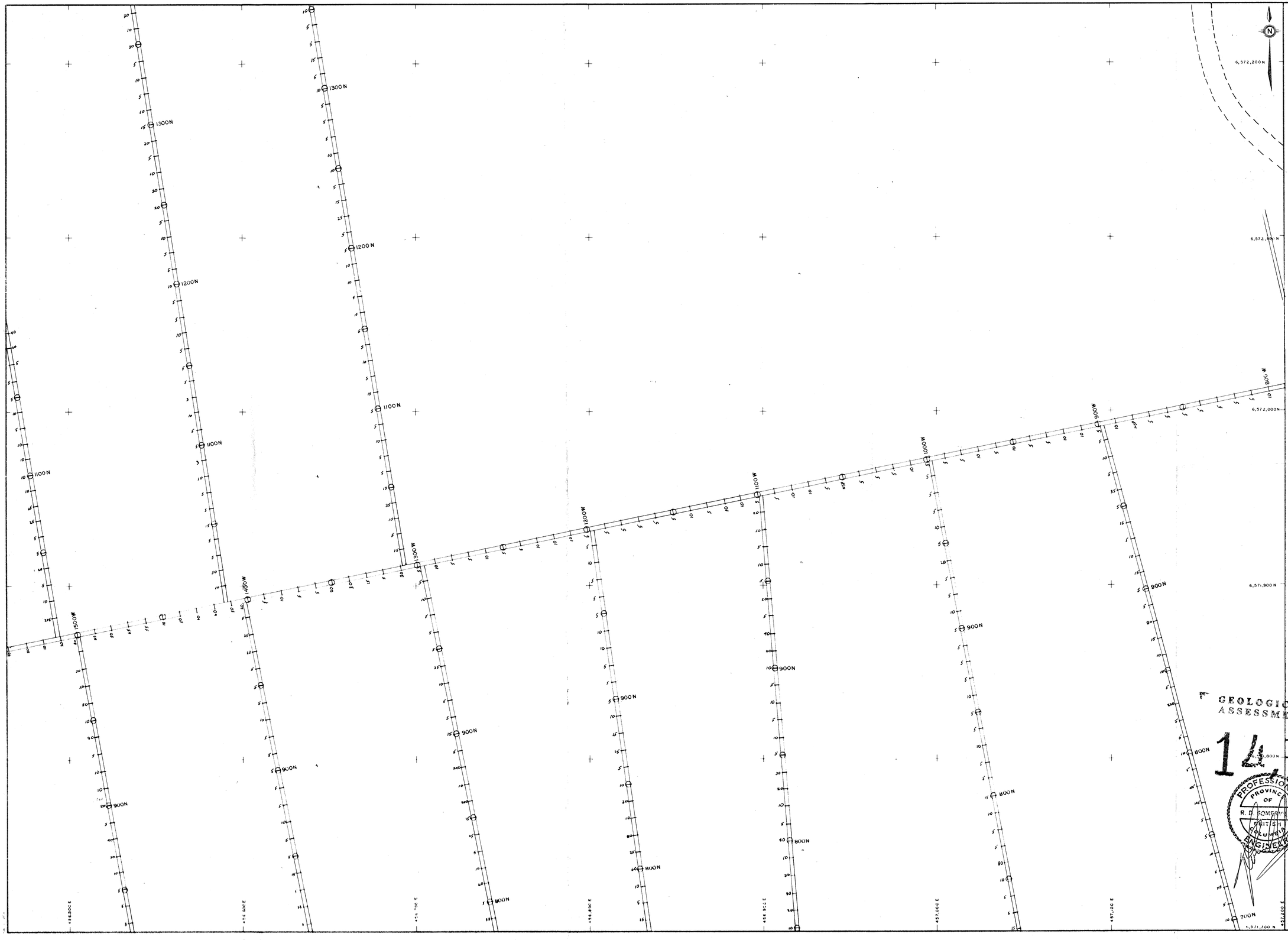
Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS 104 P5E,W

To accompany a report by R. SOMERVILLE, P.Eng. E. DUSSEL, B.Sc.

Alpha No _____ Drawing No _____

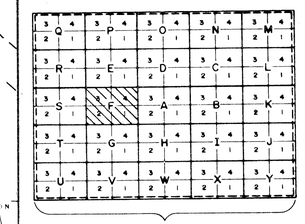
Date FEB.15, 1986 Map No 40 F-1



AREA INDEX

41	40	39	6,573,400N
20	19	18	6,572,700
21	6	5	6,568,200
22	7	0	6,565,700
			6,563,200N

458,300E 458,800E 459,300E 460,800



ENLARGEMENT OF AREA ____

SYMBOLS

- Rock outcrop, area of outcrop, float
- Geological boundary (defined, inferred)
- Bedding (horizontal, inclined, vertical, overturned, dip unknown)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Lineation, axis of minor folds (horizontal, inclined, vertical)
- ag - fold (arrow indicates plunge)
- Fault (defined, interpreted)
- Fault (inclined, vertical, relative movement)
- Surface joint (horiz., inclined, vert., dip unknown)
- U/G joint (horiz., inclined, vert., dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)
- Vein (inclined, vertical, dip unknown)
- Zone of alteration
- Rock sample, X 0.324, 0.15 Assay: Au, Ag ounce / ton
- Trench
- Adit or tunnel
- Rock dump or tailings
- Shaft, raise, winze
- Diamond drill hole (entering section, leaving section) (on section / plan)
- Contours 2500
- Stream or creek (perennial, intermittent)
- Marsh
- Lake
- Road

0 50 50 metres

SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY
GOLD

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. D. SOMERVILLE

Project Name ELAN GRID Project No 1003

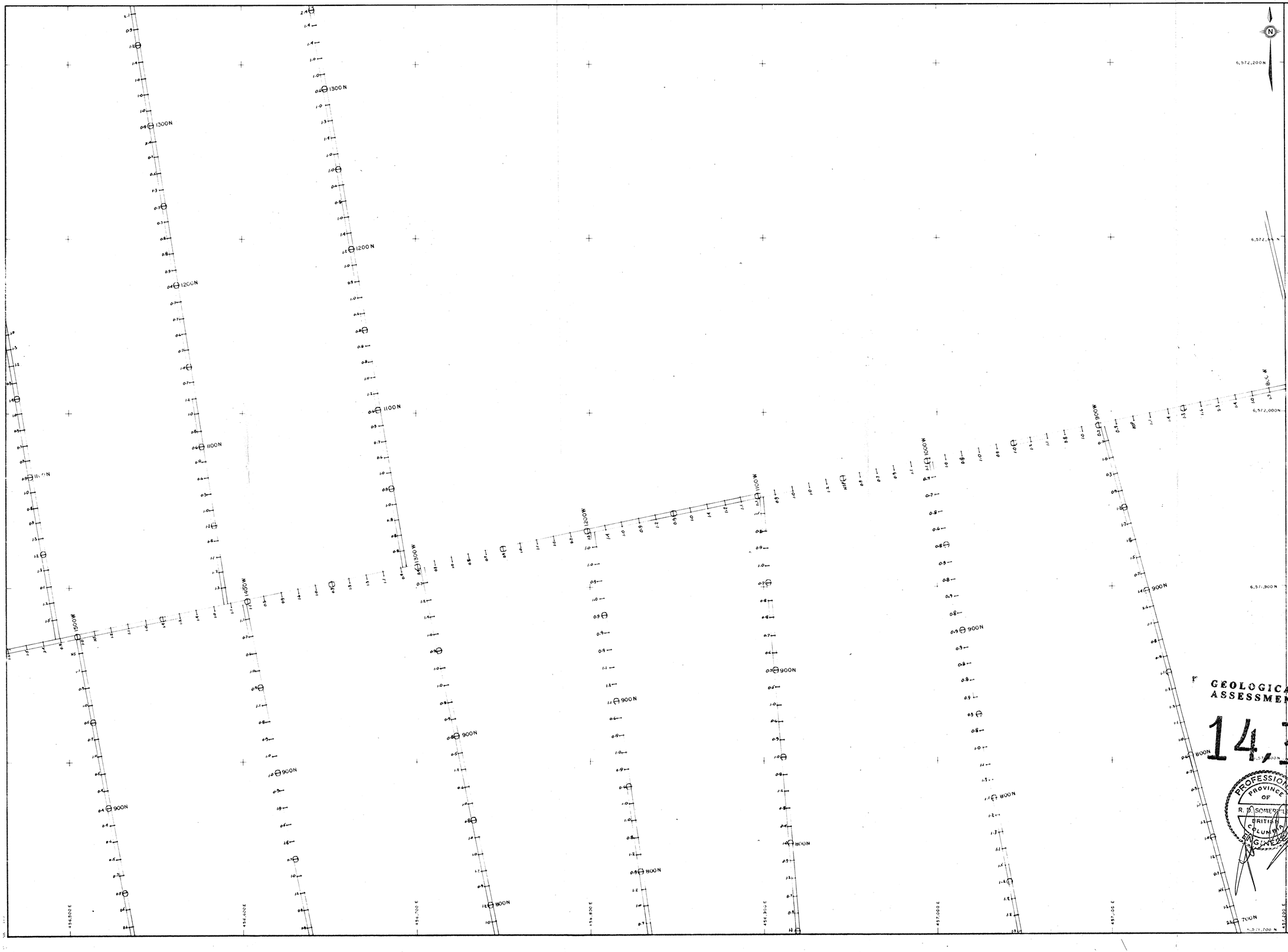
Latitude 59° 17' Longitude 129° 46'

Mining Division LIARD NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng. E. DUSSEL, B.Sc.

Alpha No ____ Drawing No ____

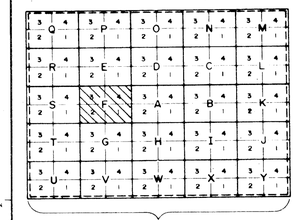
Date FEB. 15, 1986 Map No 40·F·2



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,400N
6,570,700
6,568,200
6,565,700
6,563,200N
453,300E
455,800E
459,300E
462,800



ENLARGEMENT OF AREA ____

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

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

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

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

Fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0324, 015
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

10 5 0 10 30 50 metres
SCALE 1:1000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SILVER

Project Name ELAN GRID Project No 1003

Latitude 53° 12' Longitude 129° 45'

Mining Division LIARD NTS 104 P5E,W

To accompany a report by R. SOMERVILLE, P.Eng
E. DUSSEL, B.Sc.

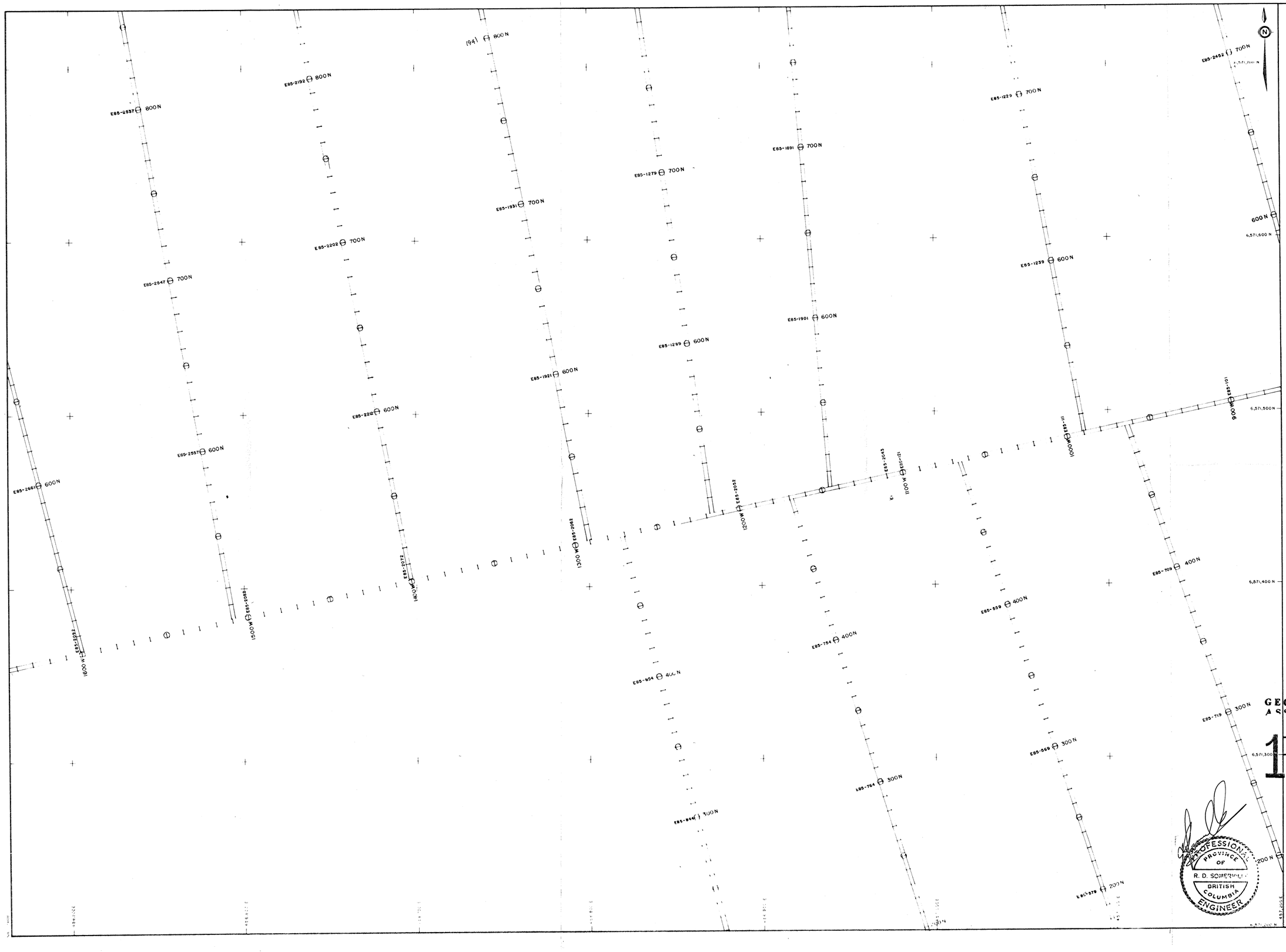
Alpha No ____ Drawing No ____

Date FEB. 15, 1986 Map No 40-F-3

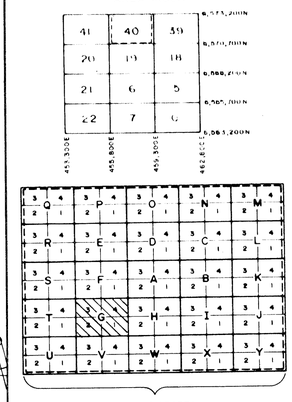
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375



AREA INDEX



ENLARGEMENT OF AREA ____

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

SCALE: 1:1000

ERICKSON GOLD MINING CORP.

11,375

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name: ELAN GRID Project No.: 1003

Latitude: 59° 17' Longitude: 129° 45'

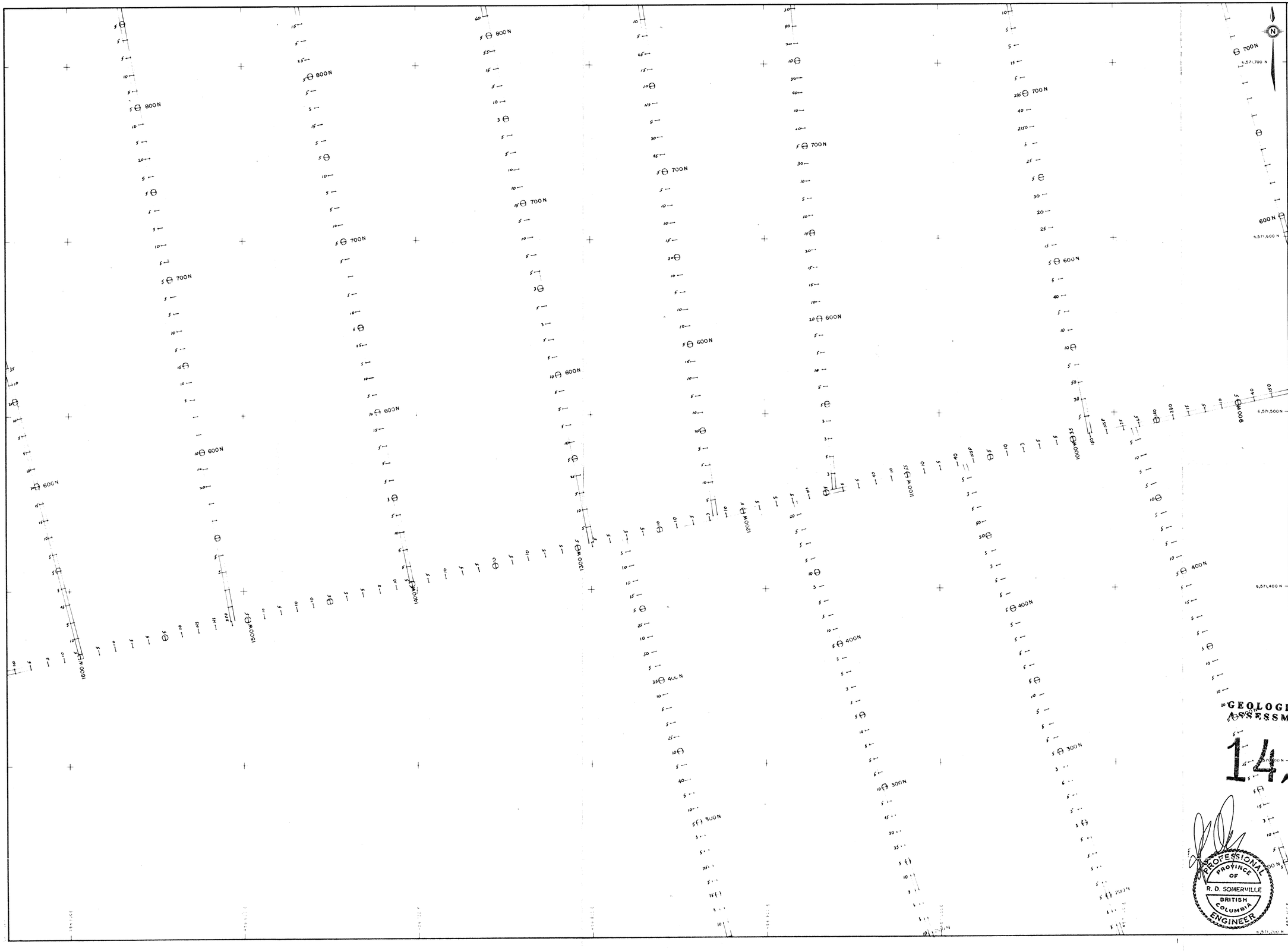
Mining Division: LIARD NTS: 104, P5E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No. ____ Drawing No. ____

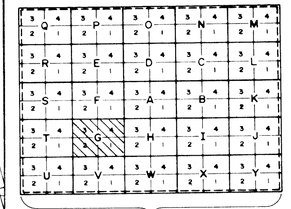
Date FEB. 15, 1986 Map No. 40·G·1

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX

41	40	39	6,573,200N
20	19	18	6,570,700N
21	6	5	6,568,200N
22	7	C	6,565,700N
453,300E	455,800E	459,300E	462,800E 6,563,200N



ENLARGEMENT OF AREA ___

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 30 50 metres

SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,375

ERICKSON GOLD MINING CORP.

ELAN CREEK GROUP
SOIL GEOCHEMISTRY
GOLD

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

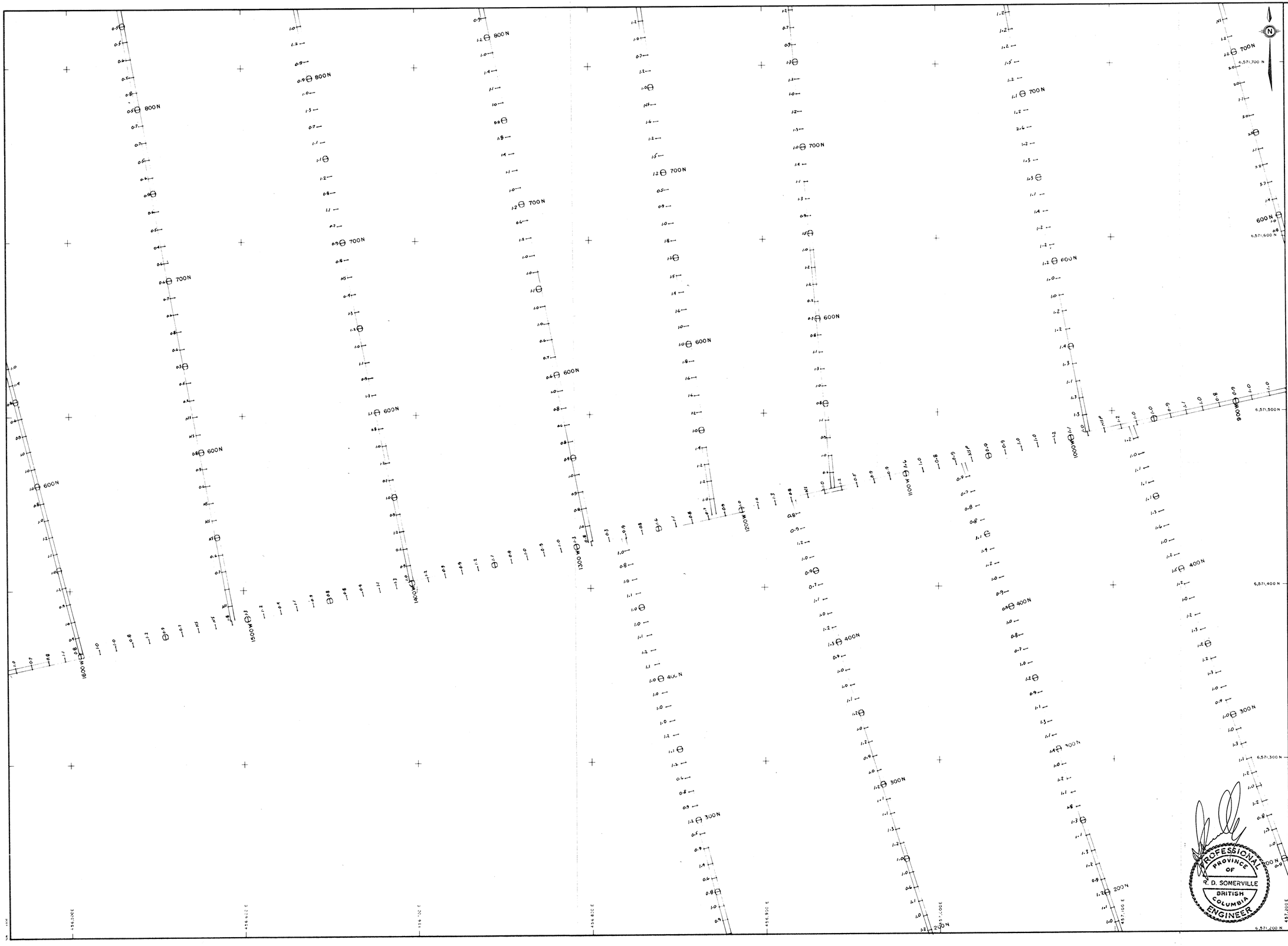
Mining Division LIARD NTS 104 P5E,W

To accompany a report by N. SOMERVILLE, P.Eng
E. DUSSEL, B.Sc.

Alpha No ___ Drawing No ___

Date FEB. 15, 1986 Map No 40 G-2

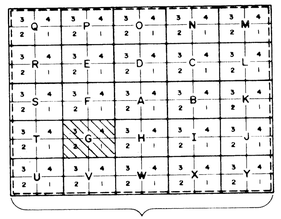
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX

41	40	39	6,573,200N
20	19	18	6,570,700N
21	6	5	6,568,200N
22	7	C	6,565,700N

453,300E 455,800E 458,300E 460,800E 463,200E



ENLARGEMENT OF AREA ____

SYMBOLS

- Rock outcrop, area of outcrop, float
- Geological boundary (defined, inferred)
- Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)
- Fault (inclined, vertical, relative movement)
- Surface joint (horiz., inclined, vert., dip unknown)
- U/G joint (horiz., inclined, vert., dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)
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- Zone of alteration
- Rock sample, X 0.324, 0.15 Assay Au, Ag ounce/ton
- Trench
- Adit or tunnel
- Rock dump or tailings
- Shaft, raise, winze
- Diamond drill hole (entering section, leaving section) (on section / plan)
- Contours 2500
- Stream or creek (perennial, intermittent)
- Marsh
- Lake
- Road

GEOLOGICAL BRANCH ASSESSMENT REPORT

SCALE 1:1000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SILVER

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng. E. DUSSEL, B.Sc.

Alpha No. _____ Drawing No. _____

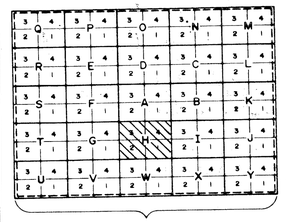
Date FEB. 15, 1986 Map No. 40·G·3

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. D. SOMERVILLE

AREA INDEX

41	40	39	6,573,200 N
20	19	18	6,570,700 N
21	6	5	6,568,200 N
22	7	0	6,565,700 N
			6,563,200 N

453,300 E | 455,800 E | 459,300 E | 462,800 E



ENLARGEMENT OF AREA ___

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Lake

10 5 0 10 30 50 metres

SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No 1003

Latitude 59° 12' Longitude 129° 42'

Mining Division LIARD NTS NTS 104 P/E,W

To accompany a report by R. SOMERVILLE, P.Eng
E. DUSSEL, B.Sc.

Alpha No Drawing No

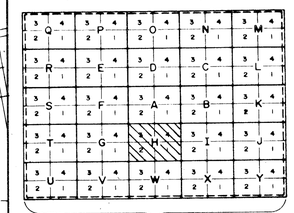
Date FEB. 15, 1986 Map No 40 H-1

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

AREA INDEX

41	40	39	6,573,200 N
20	19	18	6,570,700N
21	6	5	6,568,200N
22	7	0	6,565,700N
			6,563,200N

455,300E 457,800E 460,300E 462,800E



ENLARGEMENT OF AREA ____

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Lake

Road

10 0 10 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY
GOLD

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS NTS 104 P5E,W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

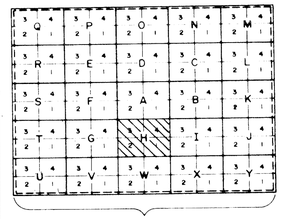
Alpha No ____ Drawing No ____

Date FEB. 15, 1986 Map No 40·H·2



AREA INDEX

41	40	39	6,573,200 N
20	19	18	6,570,700 N
21	6	5	6,568,200 N
22	7	0	6,565,700 N
453,300 E	455,800 E	459,300 E	462,800 W



ENLARGEMENT OF AREA ____

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0324, 0.15
Assay Au, Ag ounce / ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

10 5 0 10 30 50 metres
SCALE 1:1000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY
SILVER

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

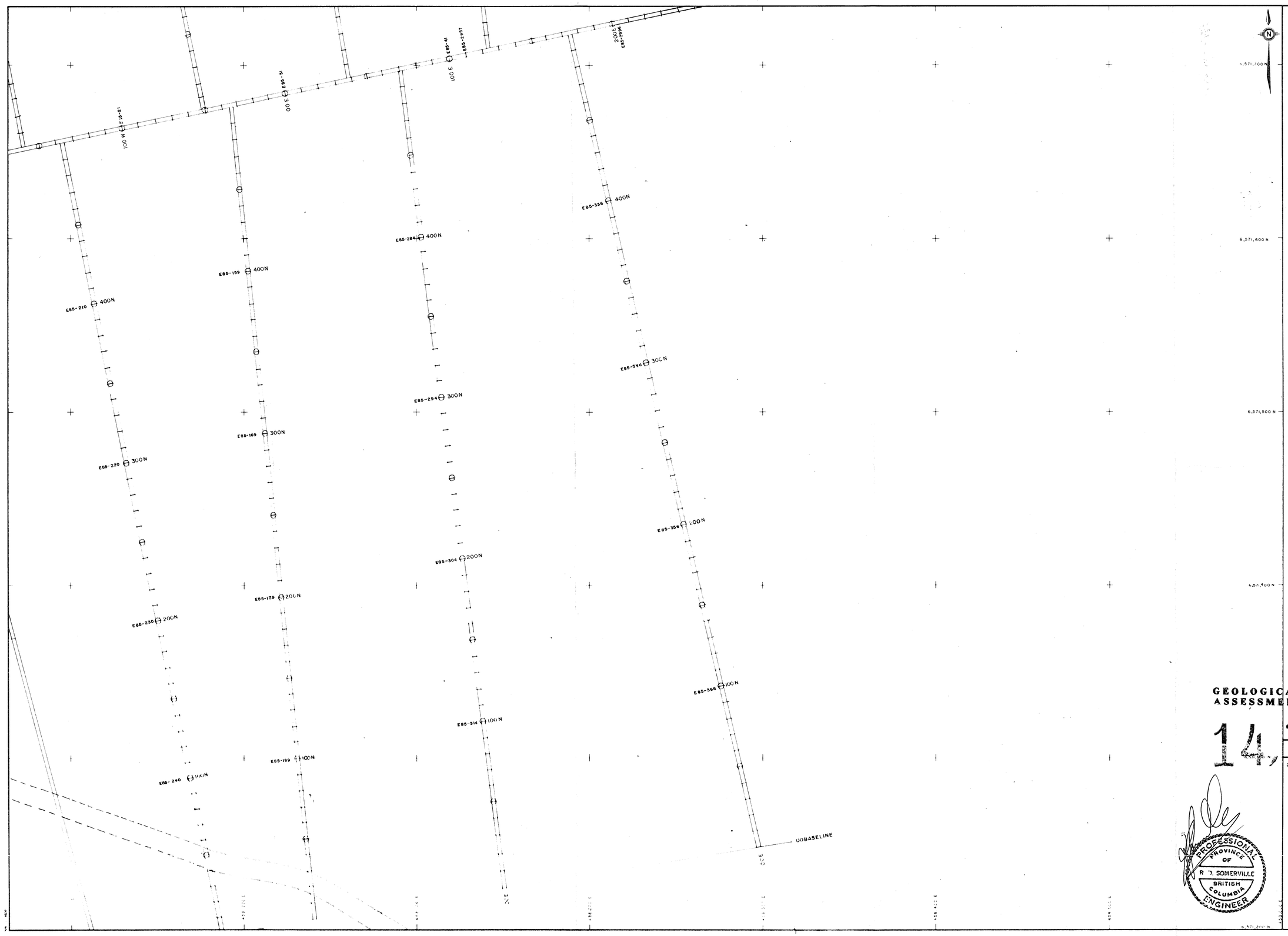
Mining Division LIARD NTS NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

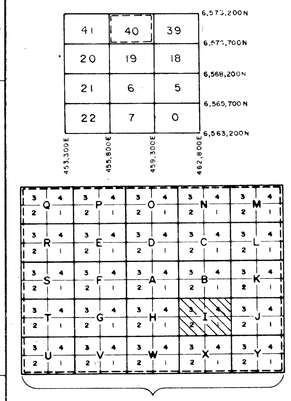
Alpha No ____ Drawing No ____

Date FEB. 15, 1985 Map No 40·H·3

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX



ENLARGEMENT OF AREA ____

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

10 5 0 10 30 50 metres
SCALE 1:1000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No. 1003

Latitude 59° 17' Longitude 129° 45'

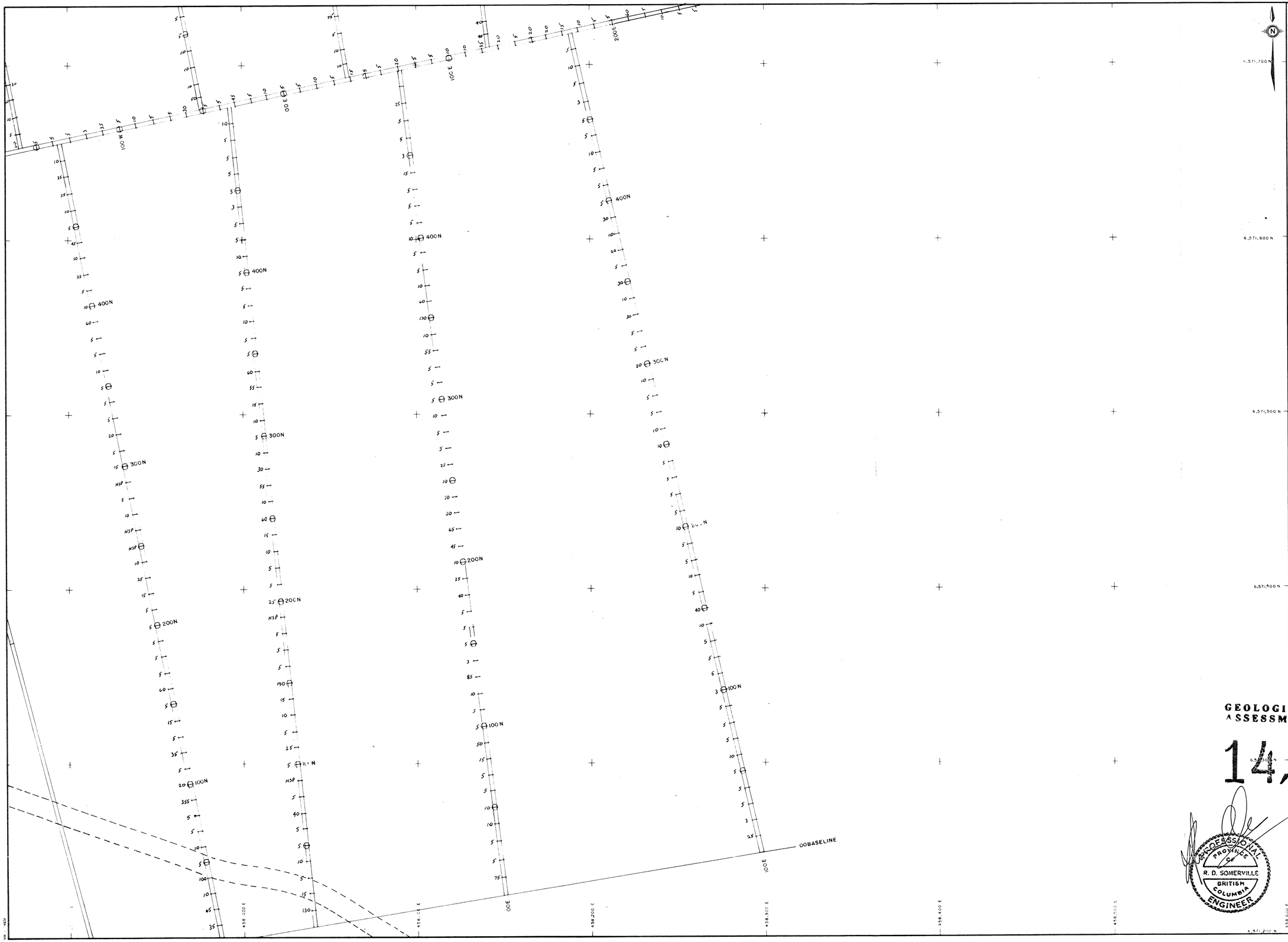
Mining Division LIARD NTS NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No. _____ Drawing No. _____

Date FEB. 15, 1986 Map No. 40·I·1

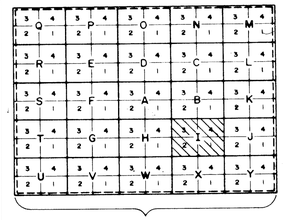
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,572,200N
6,571,700N
6,568,200N
6,565,700N
6,563,200N
453,300E
455,800E
459,300E
462,800E



ENLARGEMENT OF AREA ____

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

0 10 30 50 metres
SCALE 1:1000

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

ELANG CREEK GROUP
SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No 1003

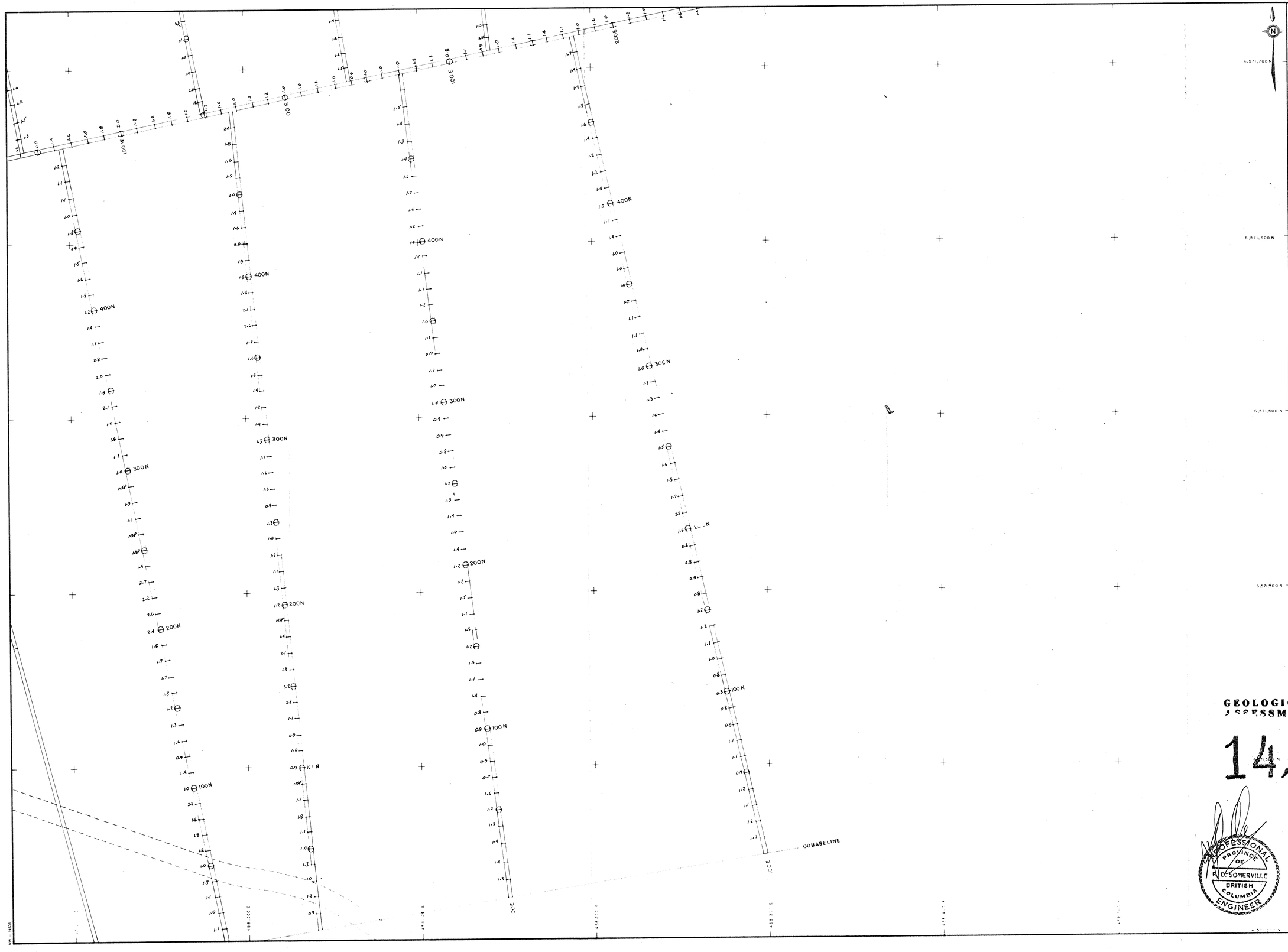
Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS NTS 104 P5E, W

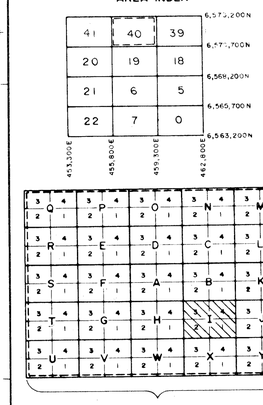
To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No ____ Drawing No ____

Date FEB. 15, 1986 Map No 40 I-2



AREA INDEX



ENLARGEMENT OF AREA ____

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz, inclined, vert, dip unknown)

U/G joint (horiz, inclined, vert, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

10 5 0 10 30 50 metres

SCALE 1:1000

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

BRICKSON GOLD MINING CORP.

ELAN CREEK GROUP

SOIL GEOCHEMISTRY

SILVER

Project Name ELAN GRID Project No 1003

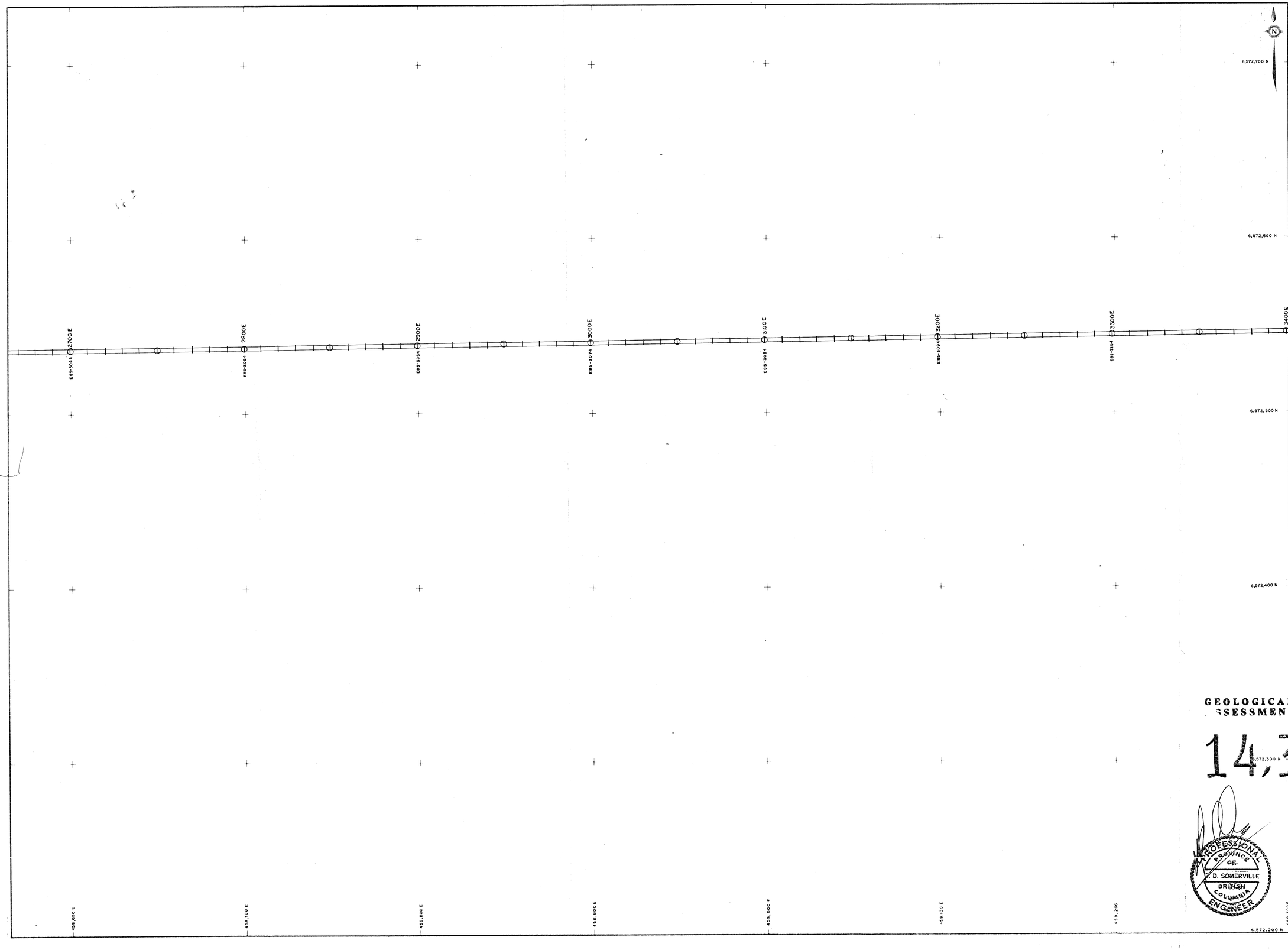
Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD NTS NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No Drawing No

Date FEB. 15, 1986 Map No 40·I·3

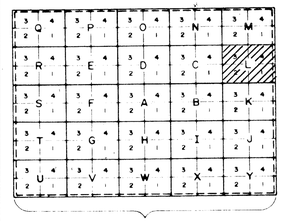


AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200 N
6,570,700 N
6,568,200 N
6,565,700 N
6,563,200 N

458,300 E
458,800 E
459,300 E
462,800 E



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

(intensity: weak, moderate, strong)

vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0324, 015
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

10 5 0 10 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No 1003

Latitude 59° 13' Longitude 129° 41'

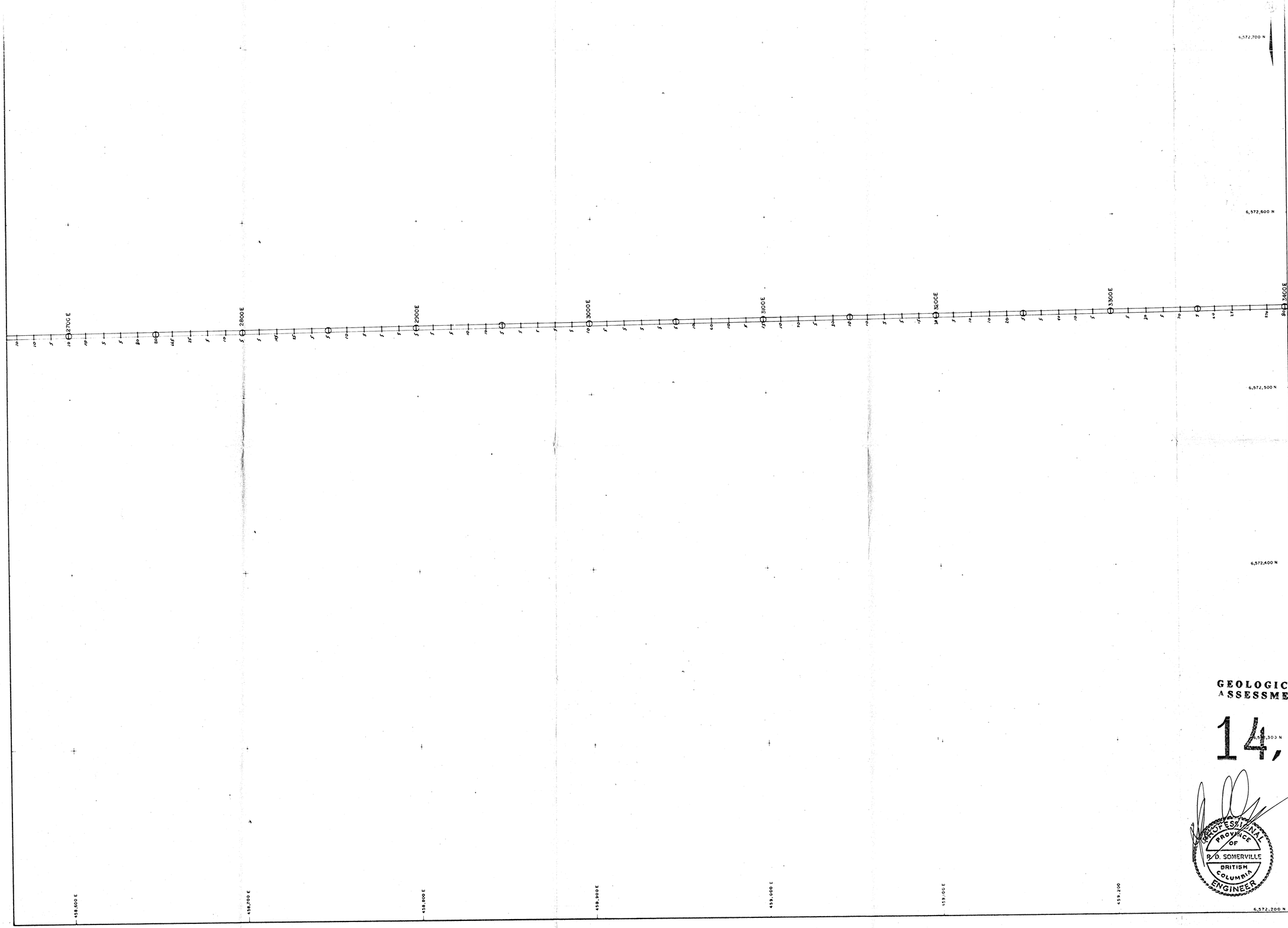
Mining Division LIARD NTS 104 P4E

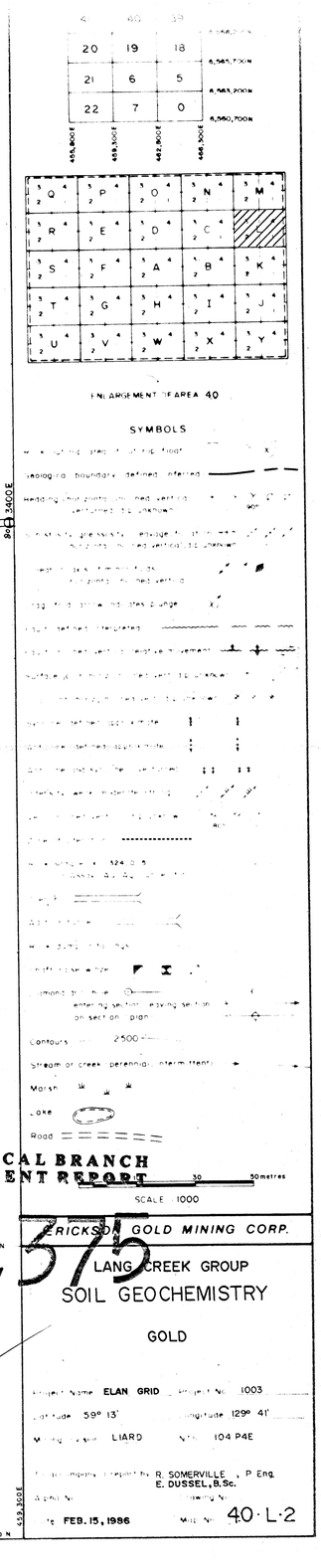
To accompany a report by R. SOMERVILLE, P Eng.
E. DUSSEL, B.Sc.

Alpha No. Drawing No.

Date FEB. 15, 1986 Map No. 40·L·1

PROFESSIONAL ENGINEER
PROVINCE OF
R. D. SOMERVILLE
BRITISH COLUMBIA





GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No. 1003

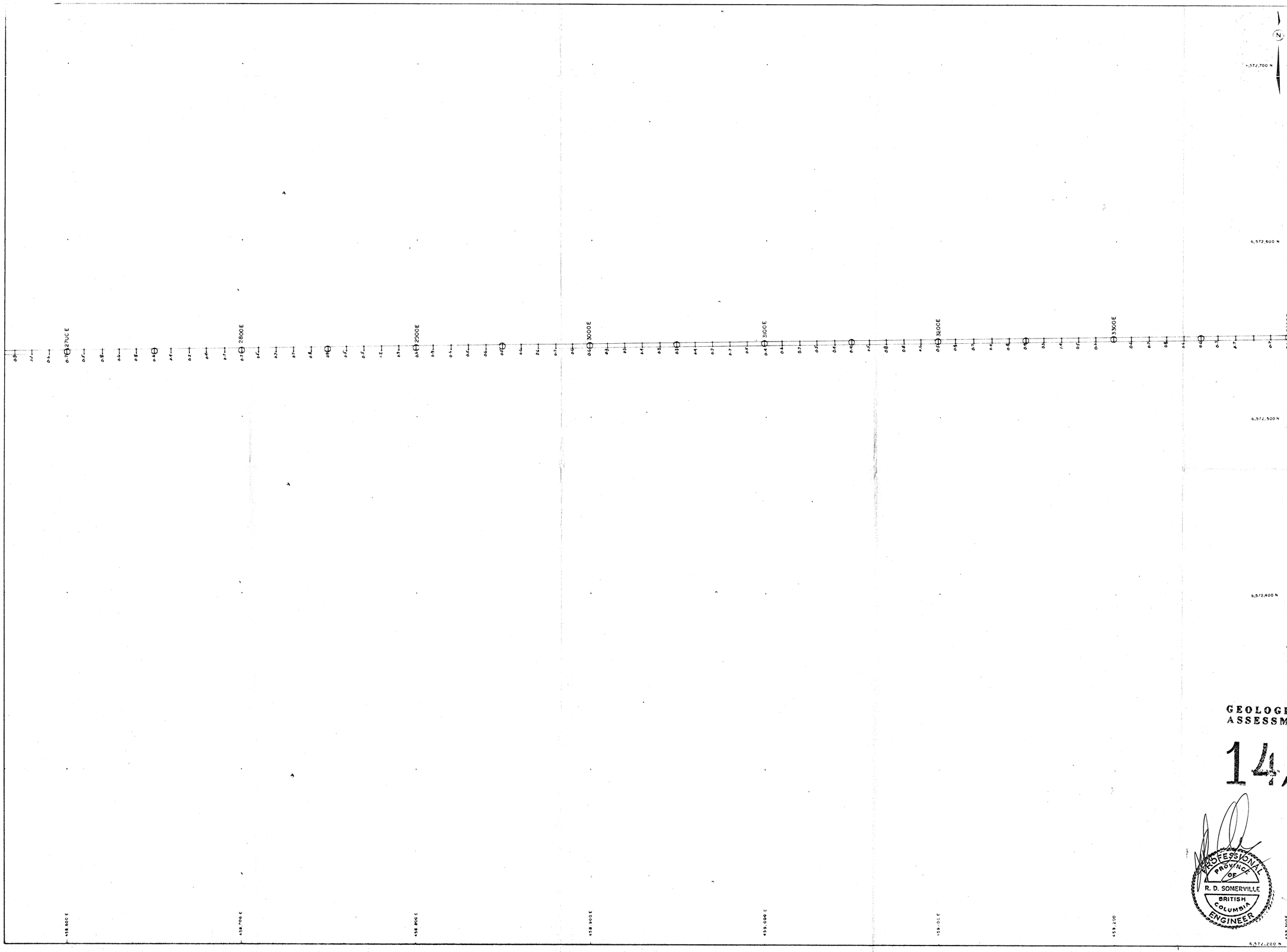
Latitude 59° 13' Longitude 129° 41'

Mining Division LIARD NTS 104 P4E

Title accompanying report by R. SOMERVILLE, P. Eng.
E. DUSSEL, B.Sc.

Alpha No. Drawing No.

Date FEB. 15, 1986 Map No. 40·L·2



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,571,200N
6,570,700N
6,568,200N
6,565,700N
6,563,200N
453,800E
456,300E
458,800E

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

ENLARGEMENT OF AREA 41

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline overturned

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, x 0.324, 0.45
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 5 0 10 50 50 METRES
SCALE 1:1,000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

HUCKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SILVER

Project Name ELAN GRID Project No 1003

Latitude 59°17' Longitude 129°45'

Mining Division LIARD NTS 104 P5E,W

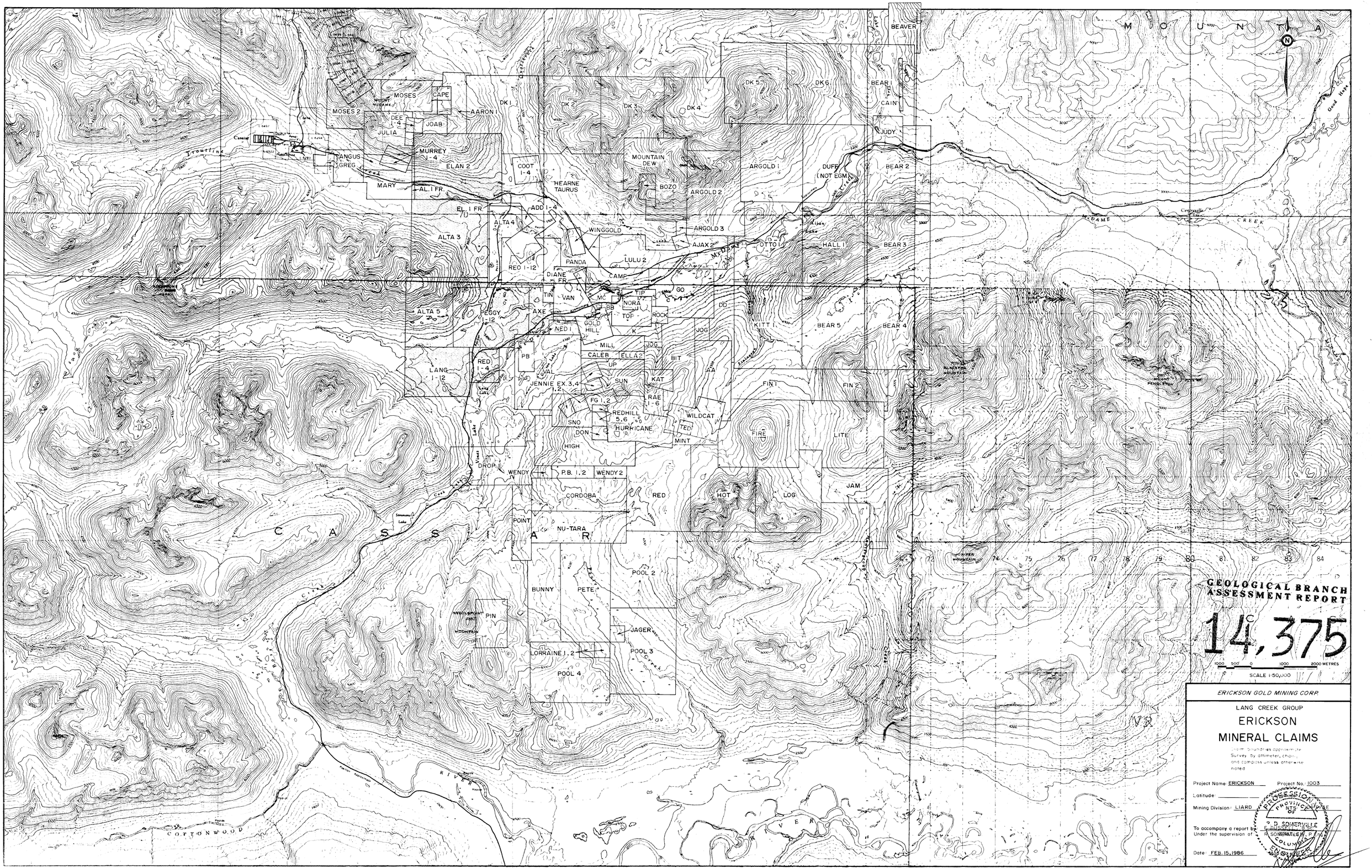
To accompany report by R. SOMERVILLE, P.Eng
E. DUSSEL, B.Sc.

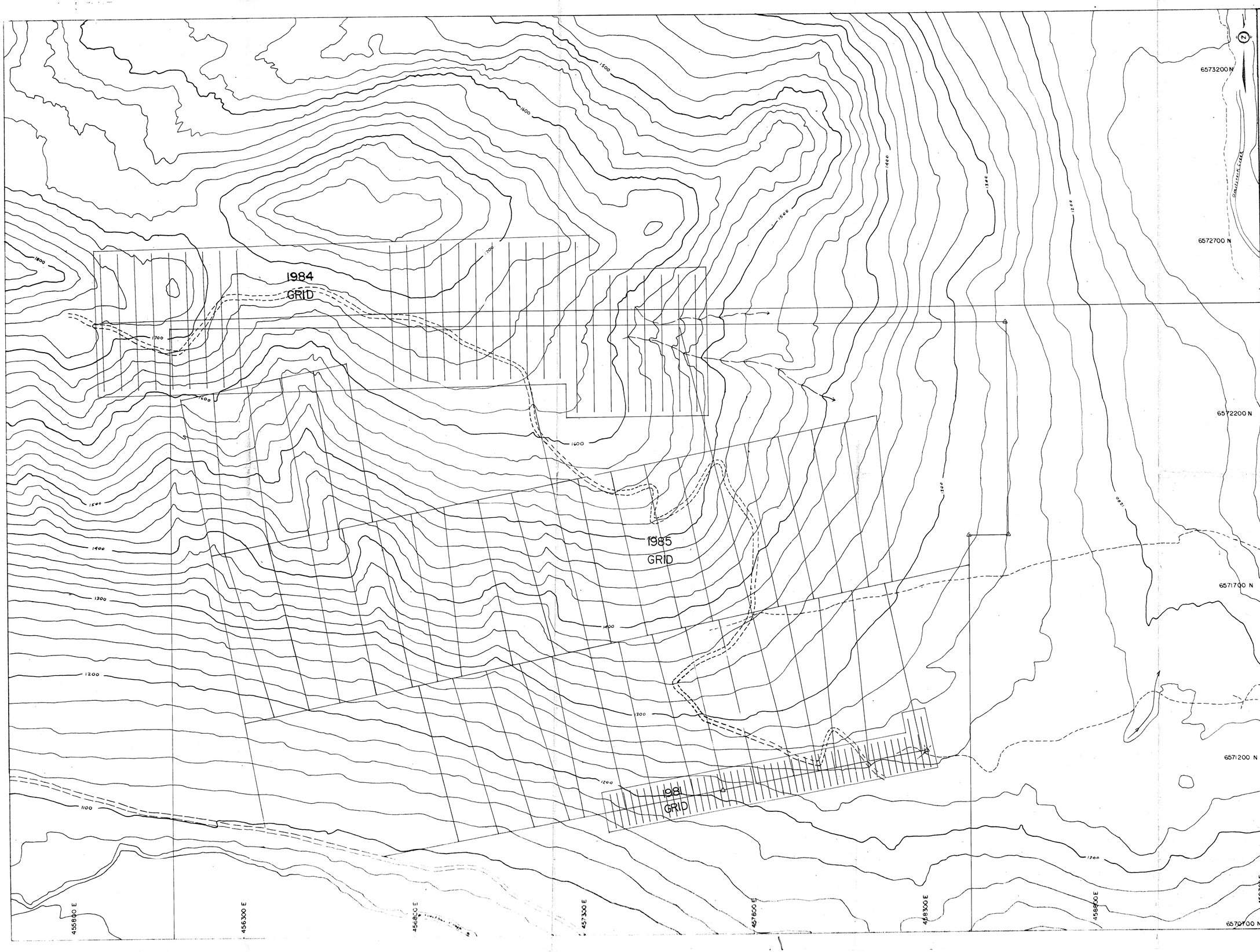
Alpha No Drawing No

Date FEB. 15, 1986 Map No 40-L-3

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

458,800E
458,700E
458,600E
458,500E
458,400E
458,300E
458,200E
458,100E
458,000E
457,900E
457,800E
457,700E
457,600E
457,500E
457,400E
457,300E
457,200E
457,100E
457,000E
456,900E
456,800E
456,700E
456,600E
456,500E
456,400E
456,300E
456,200E
456,100E
456,000E
455,900E
455,800E
455,700E
455,600E
455,500E
455,400E
455,300E
455,200E
455,100E
455,000E
454,900E


MOUNTAIN
BEAVER
BEAR 1
CAIN
JUDY
BEAR 2
BEAR 3
BEAR 4
BEAR 5
DK 1
DK 2
DK 3
DK 4
DK 5
DK 6
AARON 1
MOSES
CAPE
MOSES 2
DEE 1-4
JOAB
JULIA
MURREY 1-4
ELAN 2
SANGUS
GREG
MARY
AL. 1 FR
EL. 1 FR
ALTA 3
ALTA 4
ALTA 5
COOT 1-4
HEARNE
TAURUS
ADD 1-4
MOUNTAIN DEW
BOZO
ARGOLD 1
ARGOLD 2
ARGOLD 3
DUFF (NOT EGM)
WINGGOLD
AJAX 2
OTTO 1
HALL 1
REO 1-12
PANDA
LULU 2
DIANE FR.
CAMP
TIN
VAN
MC
TIP
GO
BB
NORA
TOP
ROCK
AXE
PEGGY 1-12
NED 1
GOLD HILL
K
DD
KITT 1
JOG
MILL
CALEB
ELLA 2
BIT
UP
PB
RED 1-4
LANG 1-12
JENNIE EX 3,4
1,2
SUN
KAT
RAE 1-6
FG 1,2
REDHILL 5,6
HURRICANE
WILDCAT
TED
SNO
DON
MINT
HIGH
FINT
FIN 2
FIRE
LITE
DROP 1
WENDY
P.B. 1,2
WENDY 2
CORDOBA
RED
HOT
LOG
JAM
POINT
NU-TARA
BUNNY
PETE
POOL 2
POOL 3
POOL 4
JAGER
LORRAINE 1,2
PIN
Trout Line
Cassiar
Simmons Lake
Good Hope
Centreville
McDAME
CREEK
CASSIAR
COTTONWOOD
RIVER
Liard
Dease
Turnagain
Kechika
Kwadacha
Fort Ware
Finlay
Omineca
Parsnip
Pine
Peace
Ospika
Williston
Manson
Nation
Stuart
Fraser
Nechako
Quesnel
Chilcotin
Bridge
Seton
Anderson
Lillooet
Harrison
Pemberton
Squamish
Howe Sound
Vancouver
Victoria
Nanaimo
Comox
Powell River
Bella Coola
Dean
Kitimat
Skeena
Nass
Portland Canal
Prince Rupert
Queen Charlotte Islands
Hecate Strait
Dixon Entrance
Alaska
Yukon
Northwest Territories
Alberta
Saskatchewan
Manitoba
Ontario
Quebec
New Brunswick
Nova Scotia
Prince Edward Island
Newfoundland
Labrador
Hudson Bay
James Bay
Ungava Bay
Baffin Island
Ellesmere Island
Victoria Island
Banks Island
Melville Island
Somerset Island
Boothia Peninsula
King William Island
Southampton Island
Coats Island
Mansel Island
Akimiski Island
Belcher Islands
Nottingham Island
Resolution Island
Cape Dyer
Cape Chidley
Killiniq
Nain
Hopedale
Makkovik
Rigolet
Goose Bay
Happy Valley
North West River
Sheshatshiu
Churchill Falls
Labrador City
Wabush
Schefferville
Fort Chimo
Kuujjuaq
Inukjuak
Povungnituk
Ivujivik
Wakeham Bay
Cape Dorset
Frobisher Bay
Pangnirtung
Broughton Island
Clyde River
Pond Inlet
Arctic Bay
Resolute
Grise Fiord
Eureka
Alert
Cape Columbia
Isachsen
Mould Bay
Sachs Harbour
Holman
Tuktoyaktuk
Inuvik
Aklavik
Fort McPherson
Old Crow
Dawson
Whitehorse
Watson Lake
Teslin
Carcross
Skagway
Haines
Juneau
Ketchikan
Prince of Wales Island
Sitka
Petersburg
Wrangell
Stikine
Telegraph Creek
Dease Lake
Atlin
Tagish
Carmacks
Faro
Ross River
Pelly Crossing
Stewart Crossing
Mayo
Keno City
Elsa
Clinton Creek
Beaver Creek
Burwash Landing
Kluane Lake
Haines Junction
Destruction Bay
Burwash Landing
Snag
Tetlin
Eagle
Fort Yukon
Circle
Rampart
Tanana
Nenana
Fairbanks
North Pole
Delta Junction
Tok
Glennallen
Valdez
Cordova
Kodiak
Anchorage
Kenai
Homer
Seward
Whittier
Palmer
Wasilla
Talkeetna
Denali
Mount McKinley
Mount Logan
Mount Vancouver
Mount Fairweather
Mount Saint Elias
Mount Hubbard
Mount Alverstone
Mount Lucania
Mount Steele
Mount Wood
Mount Kennedy
Mount Hunter
Mount Foraker
Mount Deception
Mount Silverthrone
Mount Waddington
Mount Robson
Mount Assiniboine
Mount Temple
Mount Victoria
Mount Lefroy
Mount Goodsir
Mount Forbes
Mount Columbia
Mount Alberta
Mount Edith Cavell
Mount Robson Provincial Park
Jasper
Jasper National Park
Banff
Banff National Park
Lake Louise
Yoho National Park
Kootenay National Park
Glacier National Park
Mount Revelstoke National Park
Revelstoke
Kamloops
Kelowna
Vernon
Penticton
Osoyoos
Oliver
Okanagan Falls
Summerland
Peachland
Westbank
Kelowna
Vernon
Armstrong
Enderby
Salmon Arm
Sicamous
Revelstoke
Golden
Invermere
Radium Hot Springs
Fernie
Sparwood
Elkford
Crowsnest Pass
Blairmore
Coleman
Frank
Pincher Creek
Waterton Lakes National Park
Cardston
Lethbridge
Medicine Hat
Brooks
Bassano
Strathmore
Drumheller
Hanna
Oyen
Consort
Coronation
Provost
Wainwright
Vermilion
Lloydminster
Battleford
North Battleford
Meadow Lake
Prince Albert
Saskatoon
Rosetown
Kindersley
Swift Current
Maple Creek
Cypress Hills Provincial Park
Eastend
Shaunavon
Gull Lake
Assiniboia
Moose Jaw
Regina
Qu'Appelle
Fort Qu'Appelle
Indian Head
Yorkton
Melville
Esterhazy
Kamsack
Canora
Hudson Bay
The Pas
Flin Flon
Thompson
Lynn Lake
Leaf Rapids
Snow Lake
Gillam
Churchill
Brandon
Portage la Prairie
Dauphin
Swan River
Minnedosa
Neepawa
Carberry
Souris
Virden
Melita
Boissevain
Killarney
Pilot Mound
Manitou
Morden
Winkler
Steinbach
Winnipeg
Selkirk
Gimli
Riding Mountain National Park
Clear Lake
Whiteshell Provincial Park
Falcon Lake
Kenora
Dryden
Sioux Lookout
Red Lake
Ear Falls
Pickle Lake
Ignace
Atikokan
Fort Frances
Rainy River
Emo
Barwick
Nestor Falls
Sioux Narrows
Kenora
Lake of the Woods
Rainy Lake
Namakan Lake
Quetico Provincial Park
Thunder Bay
Nipigon
Geraldton
Longlac
Marathon
Terrace Bay
Schreiber
Rossport
Pukaskwa National Park
Wawa
Sault Ste. Marie
Blind River
Elliot Lake
Espanola
Sudbury
Chapleau
Wawa
Hearst
Kapuskasing
Timmins
Cochrane
Iroquois Falls
Matheson
Kirkland Lake
Englehart
New Liskeard
Haileybury
North Bay
Temagami
Mattawa
Deep River
Petawawa
Pembroke
Renfrew
Arnprior
Carleton Place
Almonte
Perth
Smiths Falls
Brockville
Prescott
Gananoque
Kingston
Napanee
Belleville
Trenton
Picton
Bloomfield
Wellington
Prince Edward Point
Point Petre
Bowmanville
Oshawa
Whitby
Ajax
Pickering
Toronto
Mississauga
Brampton
Oakville
Burlington
Hamilton
Dundas
Waterdown
Stoney Creek
Grimsby
Beamsville
Jordan
St. Catharines
Niagara Falls
Welland
Port Colborne
Fort Erie
Buffalo
Lake Erie
Lake Ontario
Lake Huron
Lake Superior
Lake Nipigon
Lake Nipissing
Lake Simcoe
Lake Scugog
Rice Lake
Stony Lake
Lake Ontario
Bay of Quinte
Georgian Bay
Manitoulin Island
Lake Timiskaming
Lake Temagami
Lake Abitibi
Lake Nipigon
Lake Superior
Lake Huron
Lake Erie
Lake Ontario
Lake Simcoe
Lake Scugog
Rice Lake
Stony Lake



AREA INDEX

42	41	40	39	38
43	20	19	18	17
44	21	6	5	4
45	22	7	0	3
46	23	8	1	2

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)

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

0 50 100 200 300 400 500 METRES

SCALE 1:5,000

14,375

ERICKSON GOLD MINING CORP

LANG CREEK GROUP

GRID LOCATION

Project Name ELAN GRID Project No 1003

Latitude 59° 13' Longitude 129° 41'

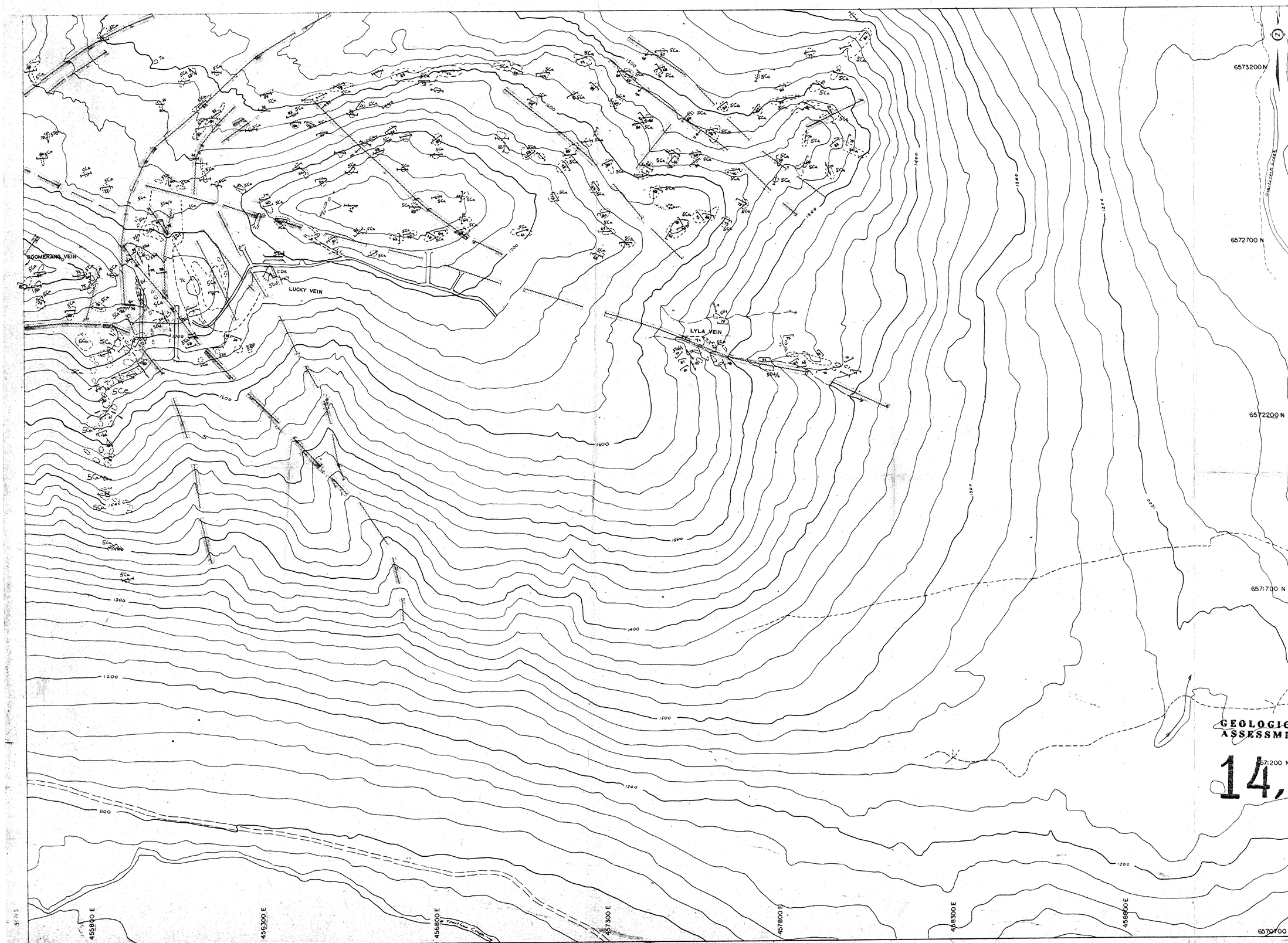
Mining Division LIARD

To accompany a report by

Alpha No

Date FEB.15, 1986

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. D. SOMERVILLE



AREA INDEX

42	41	40	39	38
43	20	19	18	17
44	21	6	5	4
45	22	7	0	3
46	23	8	1	2

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)

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

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

Trail

Treed area

0 50 100 200 300 METRES

SCALE 1:5,000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

GEOLOGY & TRENCHING

Project Name ELAN GRID Project No 1003

Latitude 59° 17' 29° 45'

Mining Division LIARD

To accompany a report by R. D. SCHMITZ, P.Eng. E. DUSSEL, B.Sc.

Alpha No

Date FEB. 15, 1986

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SCHMITZ

1700

1848.0

1811.0

1800

1734.0

1700

1700

BOOMERANG VEIN

47

Z98

9°

6,572,700 N

6,572,600N

6,572,500N

6,572,400N

6,572,300N

6,572,200N

455,000 E

455,100 E

455,200 E

455,300 E

455,400 E

455,500 E

455,600 E

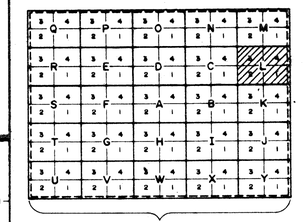
455,700 E

455,800 E

AREA INDEX

41	40	39	6,573,800N
20	19	18	6,570,700N
21	6	5	6,566,800N
22	7	0	6,563,700N

453,300E 455,800E 459,300E 462,800E



ENLARGEMENT OF AREA 41

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 C.I.

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

Trail

Treed area

0 30 90 METRES

SCALE 1:1,000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

ELAN CREEK GROUP
GEOLOGY

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 45'

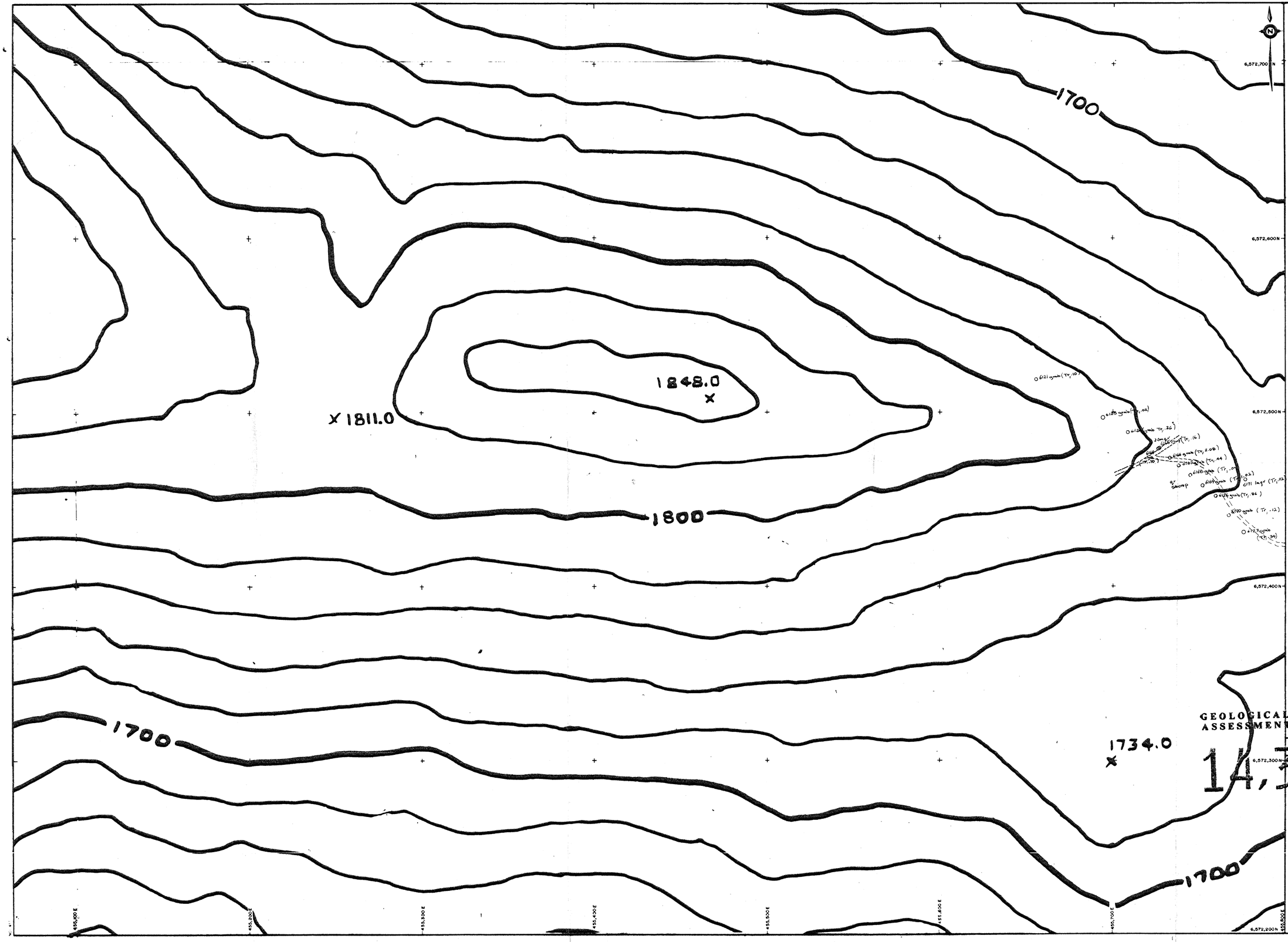
Mining Division LIARD Nat. Topo. Sheet 104 G/5E, W

To accompany a report by R. SOMERVILLE, B.Sc. (Eng.) F. DUSSEL, B.Sc.

Alpha No

Date FEB 15, 1986

PROFESSIONAL ENGINEERS PROVINCE OF BRITISH COLUMBIA



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200N
6,570,700N
6,568,200N
6,565,700N
6,563,200N
453,300E
455,800E
458,300E
462,800E

ENLARGEMENT OF AREA 41

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 C.I.
- Stream or creek (perennial, intermittent)
- Marsh
- Lake
- Road
- Trail
- Treed area

0 10 30 50 METRES
SCALE 1:1,000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

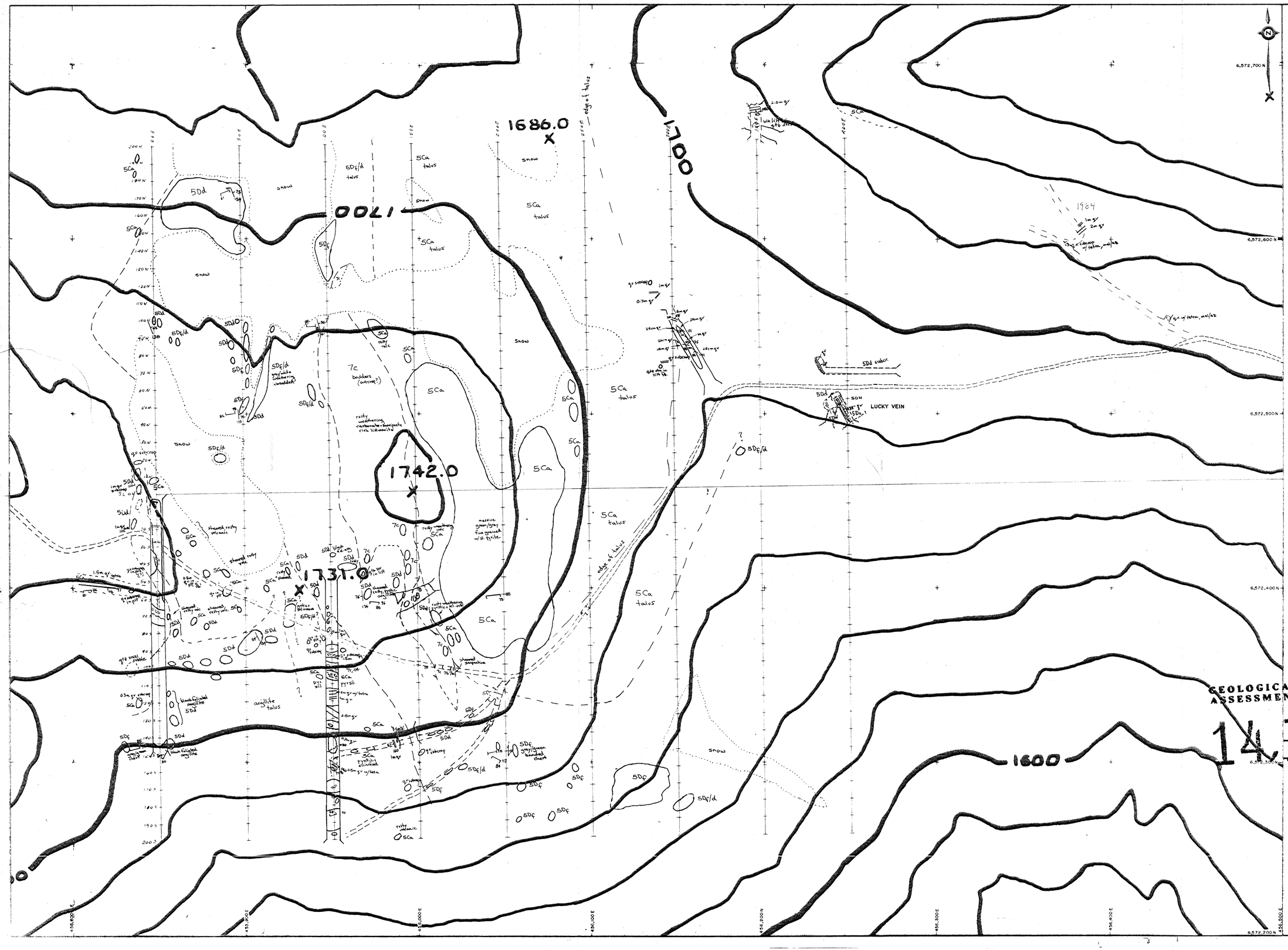
ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

ASSAY VALUES

Project Name: ELAN GRID Project No: 1003
Latitude: 59° 17' Longitude: 129° 45'
Mining Division: LIARD NTS: 104P/SE, W
To accompany a report by: R. SOMERVILLE, P.Eng. and D. SOMERVILLE
Alpha No.
Date: FEB. 15, 1986
Drawing No: 41-1-2

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA



AREA INDEX

41	40	39	6,573,200N
20	19	18	6,570,700N
21	6	5	6,568,200N
22	7	0	6,565,700N
453,300E	455,800E	458,300E	460,800E

ENLARGEMENT OF AREA 40

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 C.I.

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

Trail

Treed area

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

50 METRES

SCALE 1:1,000

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

GEOLOGY & TRENCHING

Project Name ELAN GRID Project No 1003

Latitude 59° 17' Longitude 129° 46'

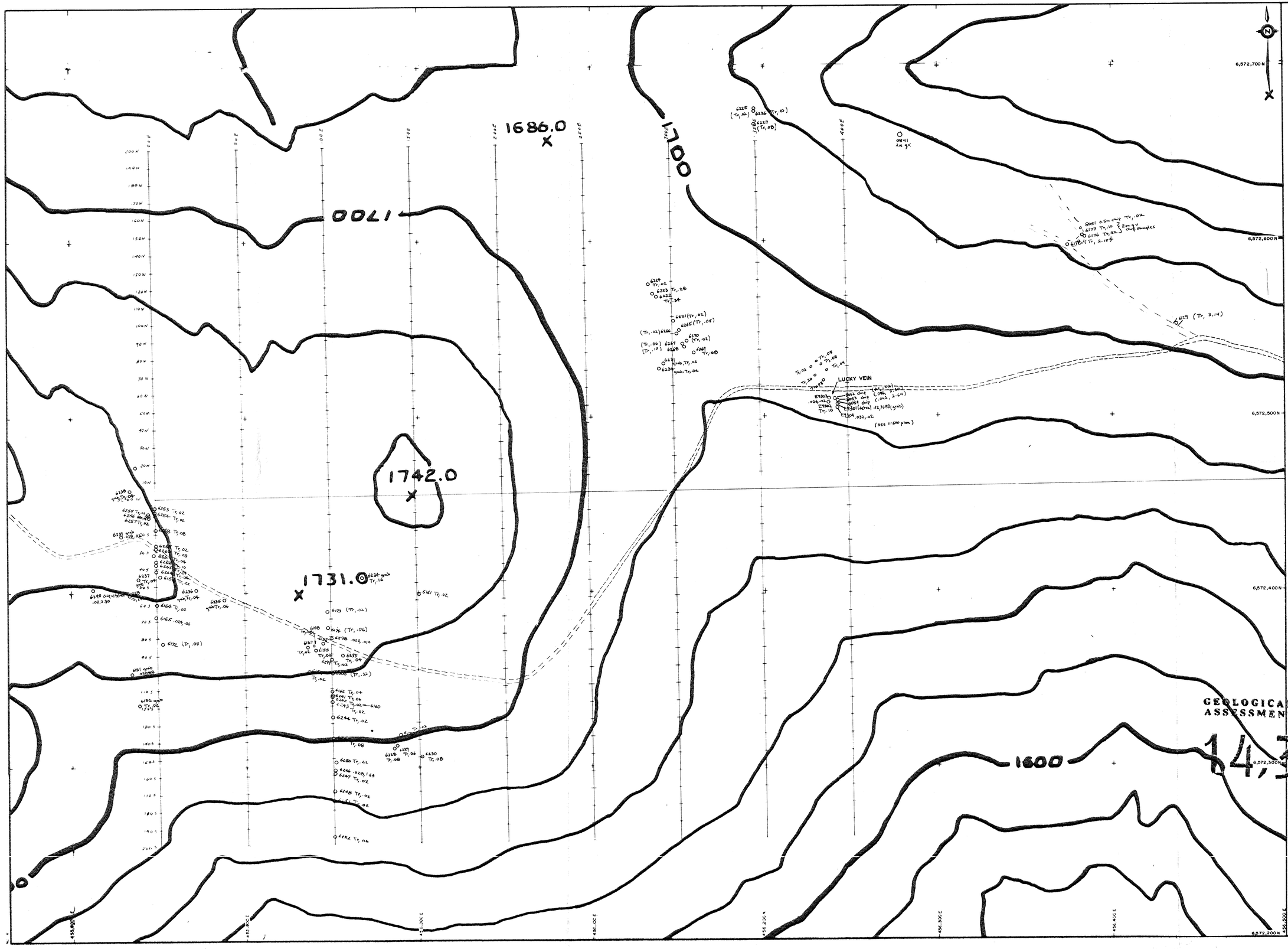
Mining Division LIARD Nat. Topo. Map 104 G/4 E, W

To accompany a report by R. EMERY, P.Eng. and E. DUSSEAULT, P.Geo.

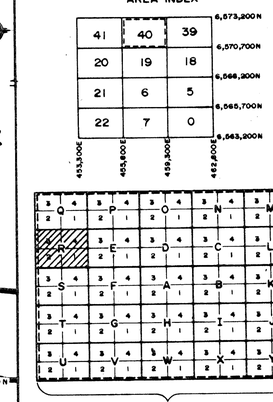
Alpha No. Drawing No. ELAN-1-M

Date FEB. 15, 1986

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA



AREA INDEX



ENLARGEMENT OF AREA 40

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 C.I.

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

Trail

Treed area

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

SCALE 1:1,000

BRICKSON GOLD MINING CORP.

LANG CREEK GROUP

ASSAY VALUES

Project Name: ELAN GRID Project No 1003

Latitude: 59° 17' Longitude: 129° 40'

Mining Division: LIARD NTS: 104 P&E, W

To accompany a report by R. SOMERVILLE, P.Eng. E. DUSSEL, B.Sc.

Alpha No Drawing No

Date FEB. 15, 1986 Map No 40-R-5

1643.0

1600

1500

6,572,700N

6,572,600N

6,572,500N

6,572,400N

6,572,300N

rusty weathering carb/silic ls/dolomite w/few 10cm gtz stks

rusty weathering brown fol carb/sericite/chl ls/dolomite

0.3m wide

calcareous sericite/chl ls/dolomite

LYLA VEIN

13m wide

black foliated argillite w/occas siltstone beds

105

160

85

160

50

50

10

AREA INDEX

41	40	39	6,573,200N
20	19	18	6,570,700N
21	6	5	6,568,200N
22	7	0	6,565,700N

453,300E 455,800E 458,300E 460,800E 5,563,200N

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

ENLARGEMENT OF AREA 40

SYMBOLS

Hole number, area of hole, dip of hole — X (XXX) (X)

Geological boundary, defined, approximate, inferred

Bedding, tops known or not known, inclined, vertical, overturned or unknown

Foliation, lineation, defined or inferred, vertical or unknown

Schistosity, gneissosity, cleavage, foliation, horizontal, inclined, vertical or unknown

Lineations of all kinds, horizontal, inclined, vertical

Fold axes, anticline, syncline, antiform

Fault, defined, approximate, inferred

Shear zone, defined, approximate, inferred

Vein, defined, approximate, inferred

Quartz veins, defined, approximate, inferred

Adit, crosscut, portal

Winze, raise, stope

Surface trench, pit

Underground workings, accessible, caved

Drill hole, collar, vertical, inclined, projected

Claim boundary

Mineral occurrence

Creek, river, lake

Road, trail

Bridge

Power line

Contour (feet)

Strike and dip of foliation, bedding, inferred from float

Veins

Lake

Road

Trail

1643.0

1600

1500

LYLA VEIN

0.6123 (Tr,Mz)
0.8046 (Tr, ?)
0.8041 (Tr, ?)
0.8042 (Tr, ?)
0.6122 (Qss,Mz)
0.8043 (Tr, ?)
0.8044 (Tr, ?)
0.8045 (Tr, ?)
0.8047 (Tr, ?)

6,572,700N
6,572,600N
6,572,500N
6,572,400N
6,572,300N

457,000E

AREA INDEX

41	40	39	6,573,200N
20	19	18	6,570,700N
21	6	5	6,568,200N
22	7	0	6,565,700N

453,300E 455,800E 458,300E 460,800E

ENLARGEMENT OF AREA 40

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

Strike and dip of joints

Fracture zone, interpreted: (approximate, inferred)

Joint: (horizontal, inclined, vertical, dip unknown)

Synform: (defined, approximate)

Antiform: (defined, approximate)

Anticline, syncline: (overturned)

Fracture: (weak, moderate, strong)

Quartz veins: (inclined, vertical, dip unknown)

Zone of alteration

Trench

Adit or tunnel

Rock dump or tailings

Shaft or mine workings

Diamond drill hole: entering section, leaving section

Contours

Stream or creek: (perennial, intermittent)

Marsh

Lake

Road

Trail

Treed area

SCALE 1:1,000

0 5 0 10 20 30 50 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

ASSAY VALUES

Project Name ELAN GRID Project No. 1003

Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD Scale 1:1,000

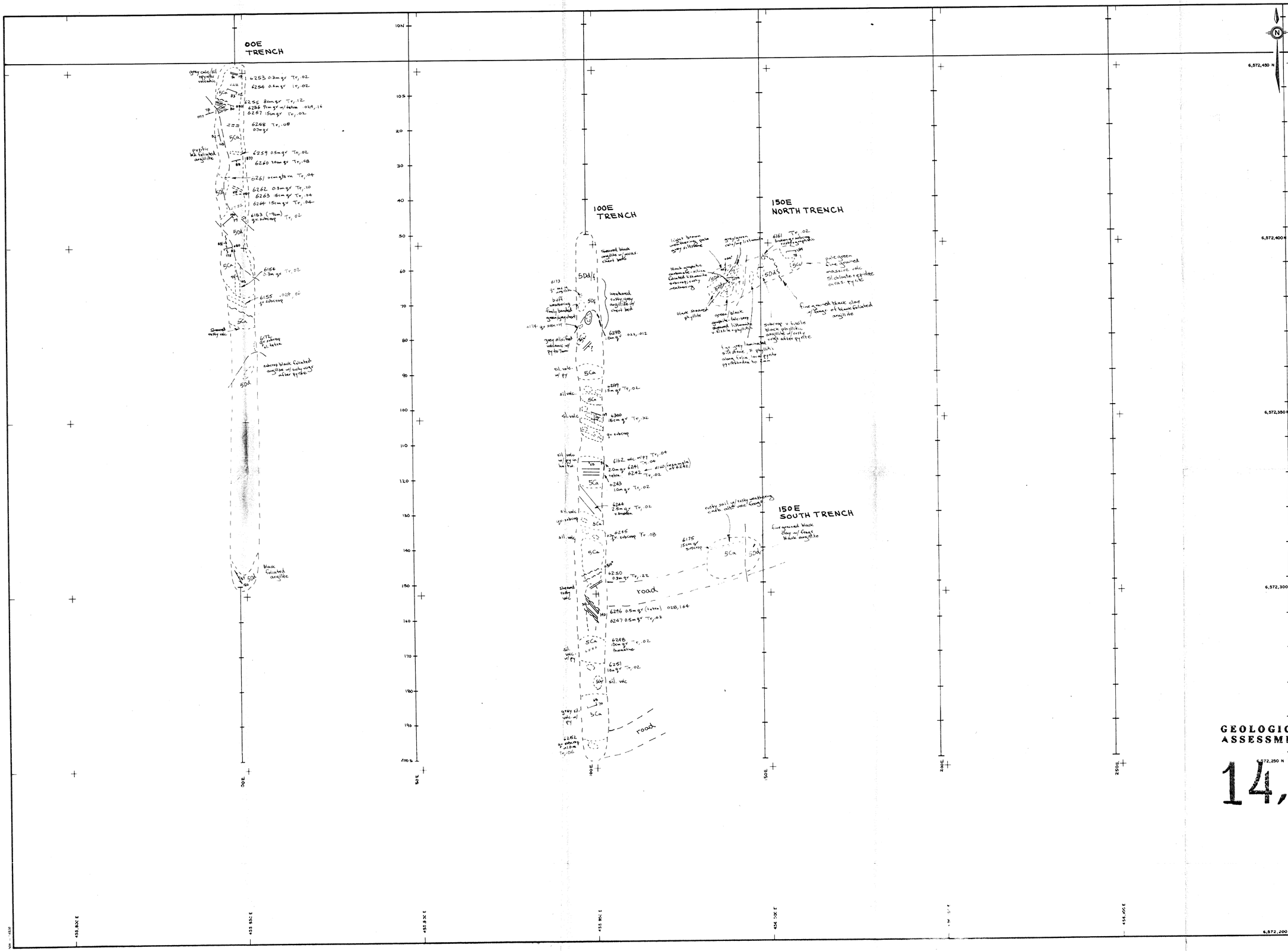
Compiled by E.W. SOMERVILLE, A.P.E.G.B.C.

E.I. DUSSEL, B.Sc.

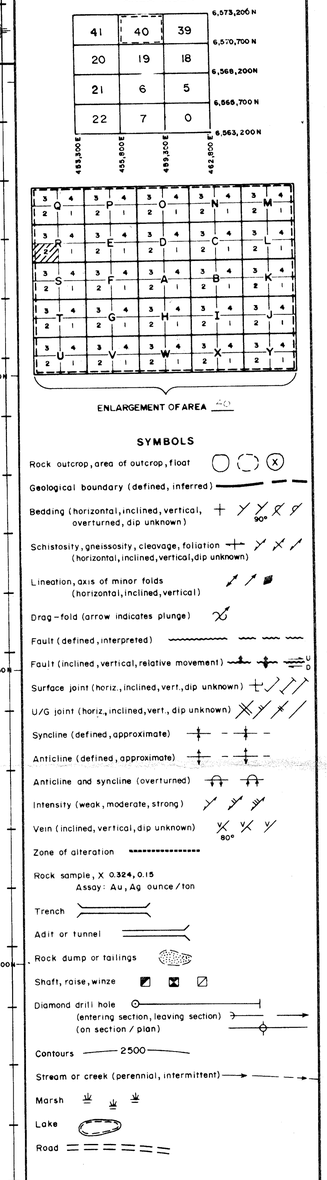
Author(s) GRAHAM

Date FEB. 15, 1986

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. W. SOMERVILLE
40



AREA INDEX



SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

5 0 5 15 25 METRES

SCALE: 1:500

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

TRENCHING

Project Name: ELAN GRID Project No.: 1003

Latitude: 59° 17' Longitude: 129° 45'

Mining Division: LIARD

To accompany a report by: R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No.

Date FEB. 15, 1986

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. SOMERVILLE

40 R 6

ESS-3114 3400E

6,572,700 N

6,572,600 N

6,572,500 N

6,572,400N

6,572,300N

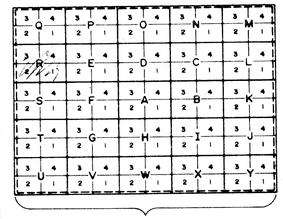
6,572,200 N

455,800 E | 455,900 E | 456,000 E | 456,100 E | 456,200 E | 456,300 E | 456,400 E | 456,500 E

AREA INDEX

41	40	39
20	19	18
2.	8	5
22	1	0

6,577,700 N
6,568,200 N
6,565,750 N
6,563,200 N
6,560,700 N
455,800E
458,350E
460,900E



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float
Geological boundary (defined, inferred)
Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)
Fault (inclined, vertical, relative movement)
Surface joint (horiz, inclined, vert, dip unknown)
U/G joint (horiz, inclined, vert, dip unknown)
Syncline (defined, approximate)
Anticline (defined, approximate)
Anticline and syncline (overturned)
Intensity (weak, moderate, strong)
Vein (inclined, vertical, dip unknown)
Zone of alteration
Rock sample, X 0.324, 0.15 Assay Au, Ag ounce/ton
Trench
Adit or tunnel
Rock dump or tailings
Shaft, raise, winze
Diamond drill hole (entering section, leaving section) (on section / plan)
Contours 2500
Stream or creek (perennial, intermittent)
Marsh
Lake
Road

0 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

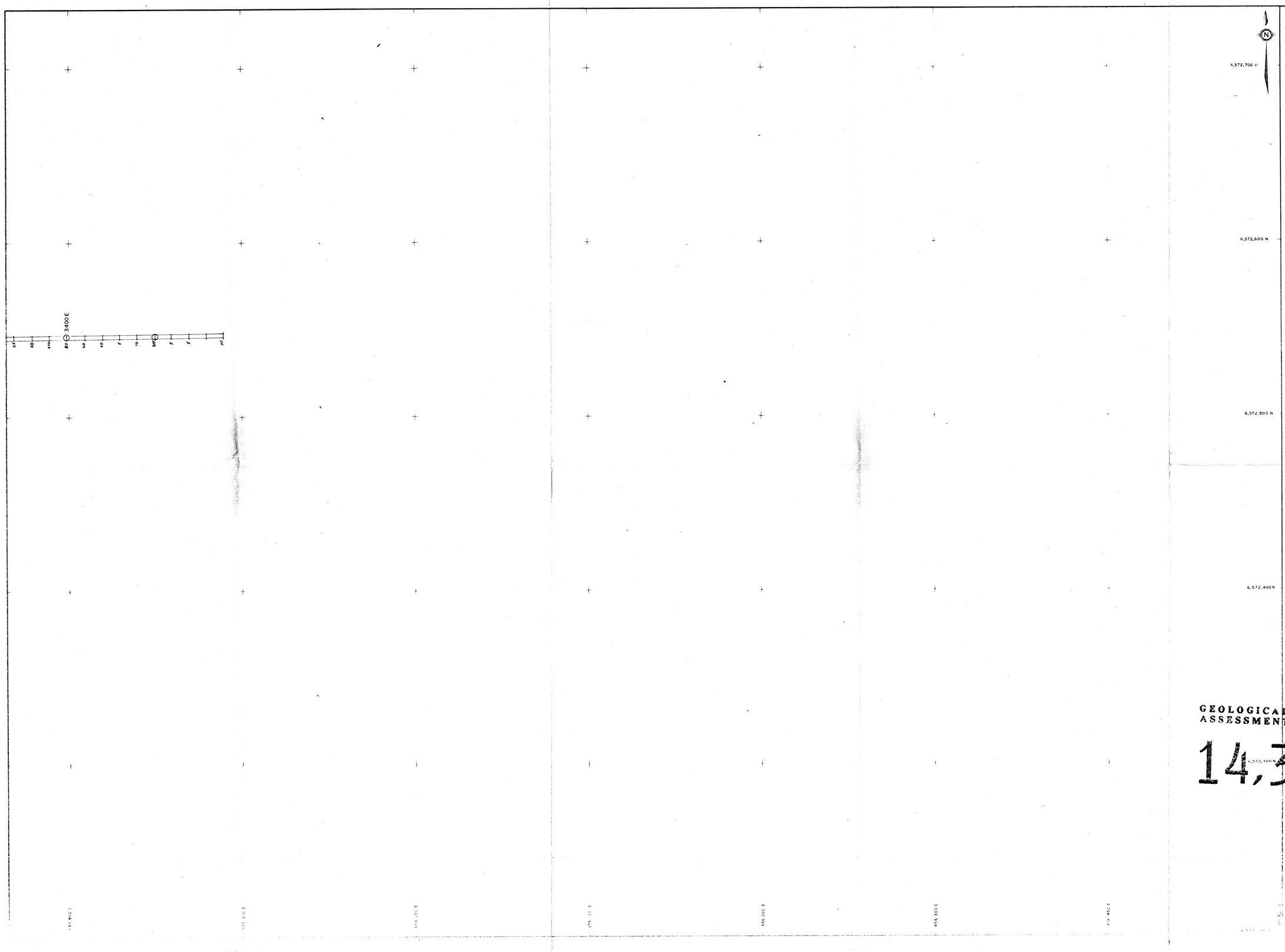
14,375

ESSO MINERALS GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY
SAMPLE LOCATION NUMBERS

Project Name ELAN GRID Project No 1003
Latitude 59° 13' Longitude 129° 41'
Mining Division LIARD NTS 104 P/E
To accompany a report by R. SOMERVILLE, P. Eng. E. DUSSEL, B.Sc.
Alpha No Drawing No
Date FEB. 15, 1986 Map No. 39-R-1

PROVINCE OF BRITISH COLUMBIA
R. SOMERVILLE
E. DUSSEL



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,570,700 N
6,568,200 N
6,565,700 N
6,563,200 N
6,560,700 N
455,800 E
459,300 E
462,800 E
466,300 E

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

ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag fold, arrow indicates plunge

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

Drill joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise winze

Diamond drill hole (entering section, leaving section, on section or plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

SCALE 1:1000

ERICKSON GOLD MINING CORP

LANG CREEK GROUP

SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No. 1003

Latitude 59° 13' 129° 41'

Mining Division LIARD

Date

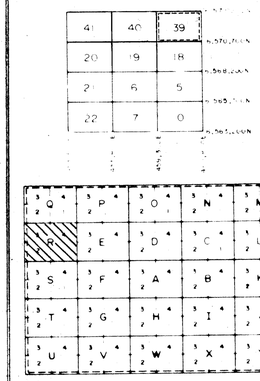
FEB. 15, 1986

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. DUSSEL, B.Sc.E.





AREA INDEX



ENLARGEMENT OF AREA 4

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary, defined, inferred

Bedding, horizontal, inclined, vertical, overturned, 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, interpreted

Fault, inclined, vertical, relative movement

Surface joint, horizontal, inclined, vertical, dip unknown

Joint, horizontal, inclined, vertical, dip unknown

Syncline, defined, approximate

Anticline, defined, approximate

Anticline and syncline, overturned

Intensity, weak, moderate, strong

Vein, inclined, vertical, dip unknown

Zone of alteration

Rock sample, X 0.324, 0.5, Assay, Au, Ag, Cu, Pb, Zn

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole, entering section, leaving section, on section, plan

Contours

Stream, creek, perennial, intermittent

Marsh

Lake

Road

0 50 100 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

JACKSON GOLD MINING CORP.

ELANG CREEK GROUP

SOIL GEOCHEMISTRY

SILVER

Project Name ELAN GRID

Latitude

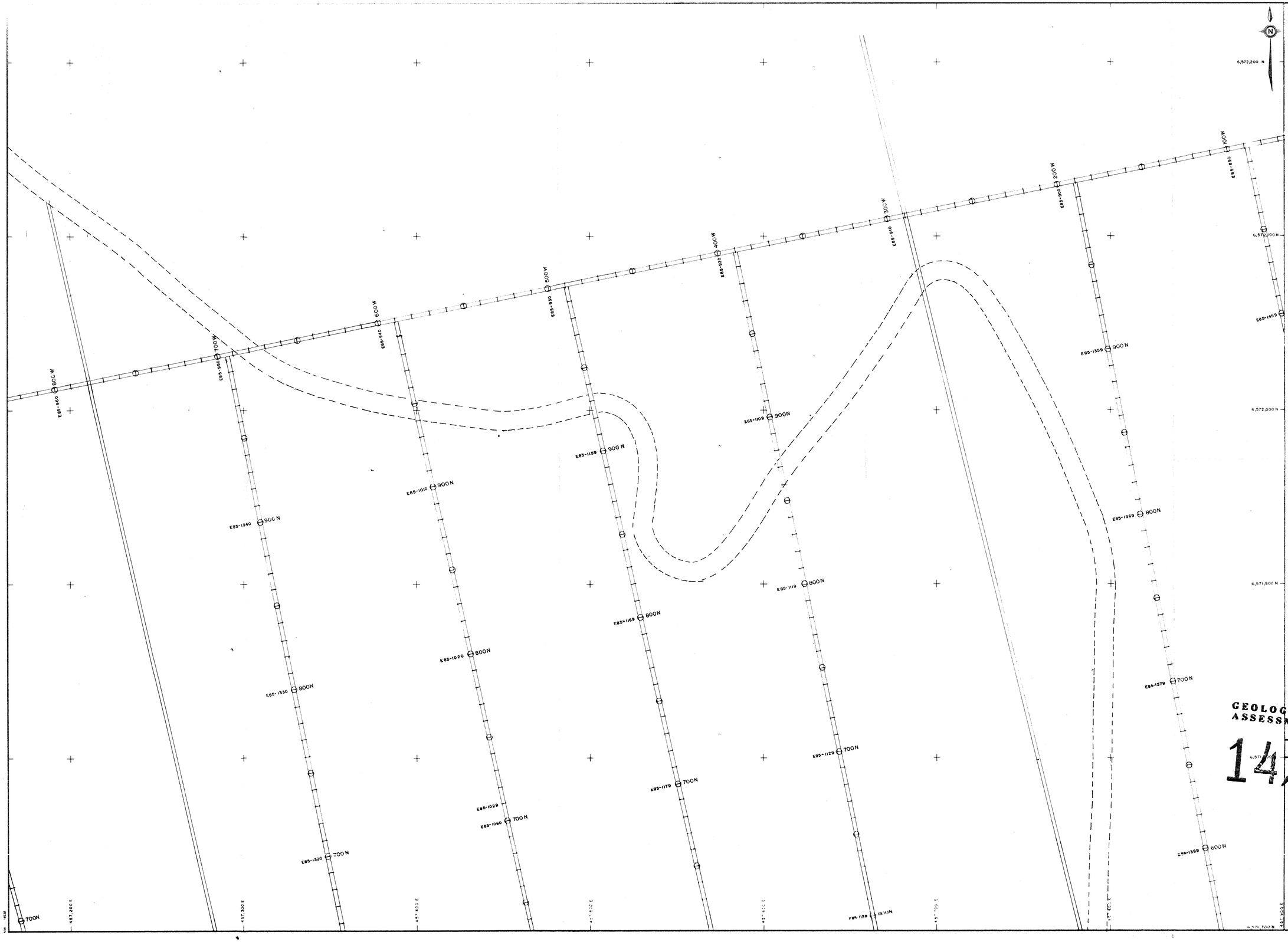
Mining Division NARD

Project Name

Date FEB. 15, 1986

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
S. D. JOHNSTON
E. DUSSEL, B.Sc.

39R-3



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200 N
6,570,700 N
6,568,200 N
6,565,700 N
6,563,200 N
453,300 E
456,800 E
459,300 E
462,800 E

ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float
Geological boundary (defined, inferred)
Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°
Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
Lineation, axis of minor folds (horizontal, inclined, vertical)
Drag-fold (arrow indicates plunge)
Fault (defined, interpreted)
Fault (inclined, vertical, relative movement) U D
Surface joint (horiz., inclined, vert., dip unknown)
U/G joint (horiz., inclined, vert., dip unknown)
Syncline (defined, approximate)
Anticline (defined, approximate)
Anticline and syncline (overturned)
Intensity (weak, moderate, strong)
Vein (inclined, vertical, dip unknown) 80°
Zone of alteration
Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton
Trench
Adit or tunnel
Rock dump or tailings
Shaft, raise, winze
Diamond drill hole
(entering section, leaving section)
(on section / plan)
Contours 2500
Stream or creek (perennial, intermittent)
Marsh
Lake
Road

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

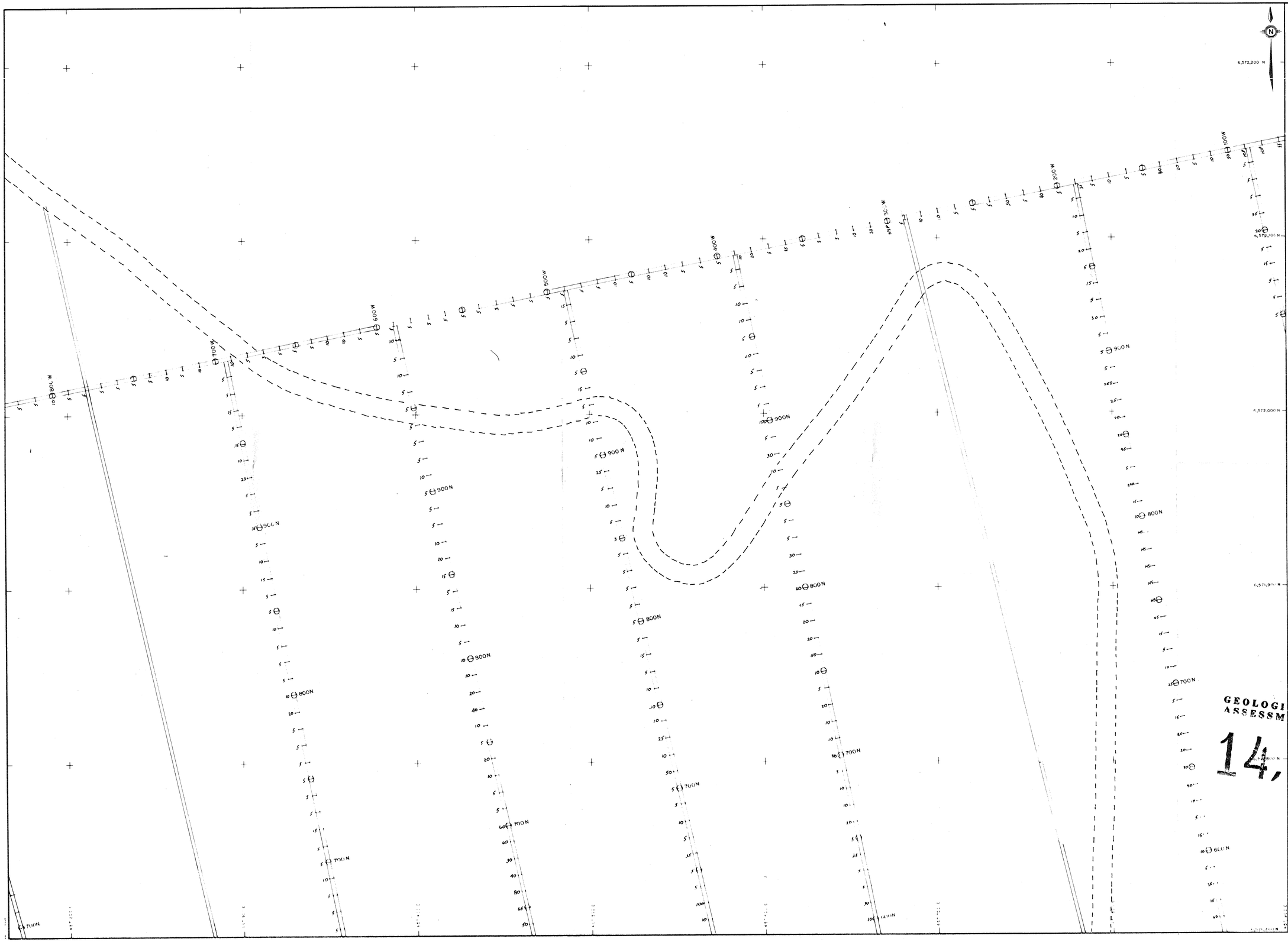
ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Project Name: ELAN GRID Project No.: 1003
Latitude: 59° 17' Longitude: 129° 45'
Mining Division: LIARD
To accompany a report by: R. SUMERVILLE, P.Eng
E. GUSSELYE, P.Eng
Alpha No.
Drawing No.
Date: FEB. 15, 1986 Map No.: 40 A1

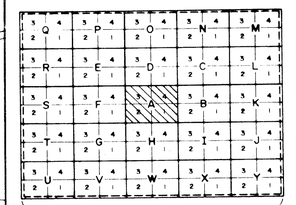
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200 N
6,570,700 N
6,568,200 N
6,565,700 N
6,563,200 N
453,300 E
456,800 E
459,300 E
462,800 E



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 30 50 metres
SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

GOLD

Project Name LLAN GRID Project No 1003

Latitude 49° 17' Longitude 120° 45'

Mining Division NAKUSP Nelson Land District

To accompany a report by R. SUMMERHILL and E. DUSSEL, B.Sc. Dated Aug. 15, 1986

Alpha No Drawing No. 1003-2

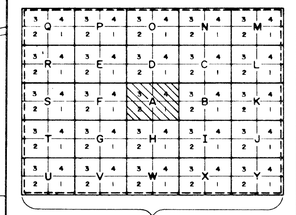
Date FEB. 15, 1986 Map No. 1003-A-2

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
N. D. SUMMERHILL
E. DUSSEL, B.Sc.

AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200 N
6,570,700 N
6,568,200 N
6,565,700 N
6,563,200 N
453,300 E
456,800 E
459,300 E
462,800 E



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float
Geological boundary (defined, inferred)
Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)
Fault (inclined, vertical, relative movement)
Surface joint (horiz., inclined, vert., dip unknown)
U/G joint (horiz., inclined, vert., dip unknown)
Syncline (defined, approximate)
Anticline (defined, approximate)
Anticline and syncline (overturned)
Intensity (weak, moderate, strong)
Vein (inclined, vertical, dip unknown)
Zone of alteration
Rock sample, X 0.324, 0.15 Assay: Au, Ag ounce/ton
Trench
Adit or tunnel
Rock dump or tailings
Shaft, raise, winze
Diamond drill hole (entering section, leaving section) (on section / plan)
Contours 2500
Stream or creek (perennial, intermittent)
Marsh
Lake
Road

SCALE 1:1000
0 50 50 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,375

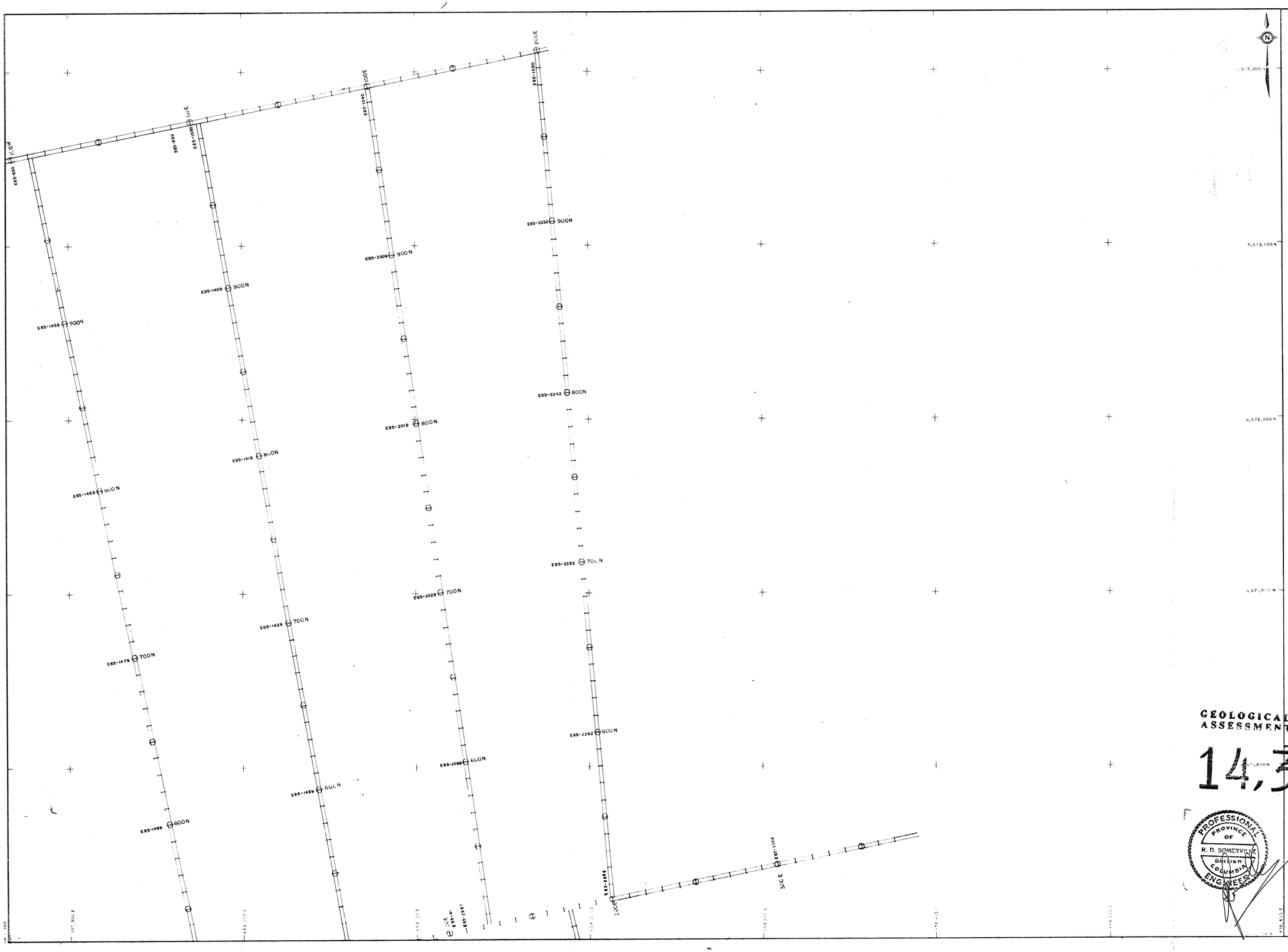
ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SILVER

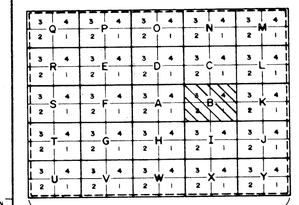
Project Name: ELAN GRID Project No: 107
Latitude: 59°17'
Mining Division: LIARD
To accompany a report No: R.SOMERVILLE, P.ENG. E. DUSSEL, B.Sc.
Alpha No.
Date: FEB. 15, 1986 Map No. 40 A-3

PROFESSIONAL ENGINEER PROVINCE OF B.C.



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz, inclined, vert, dip unknown)

U/G joint (horiz, inclined, vert, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown)

Zone of alteration

Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

SCALE 1:000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

Project Name ELAN GRID Project No 1003

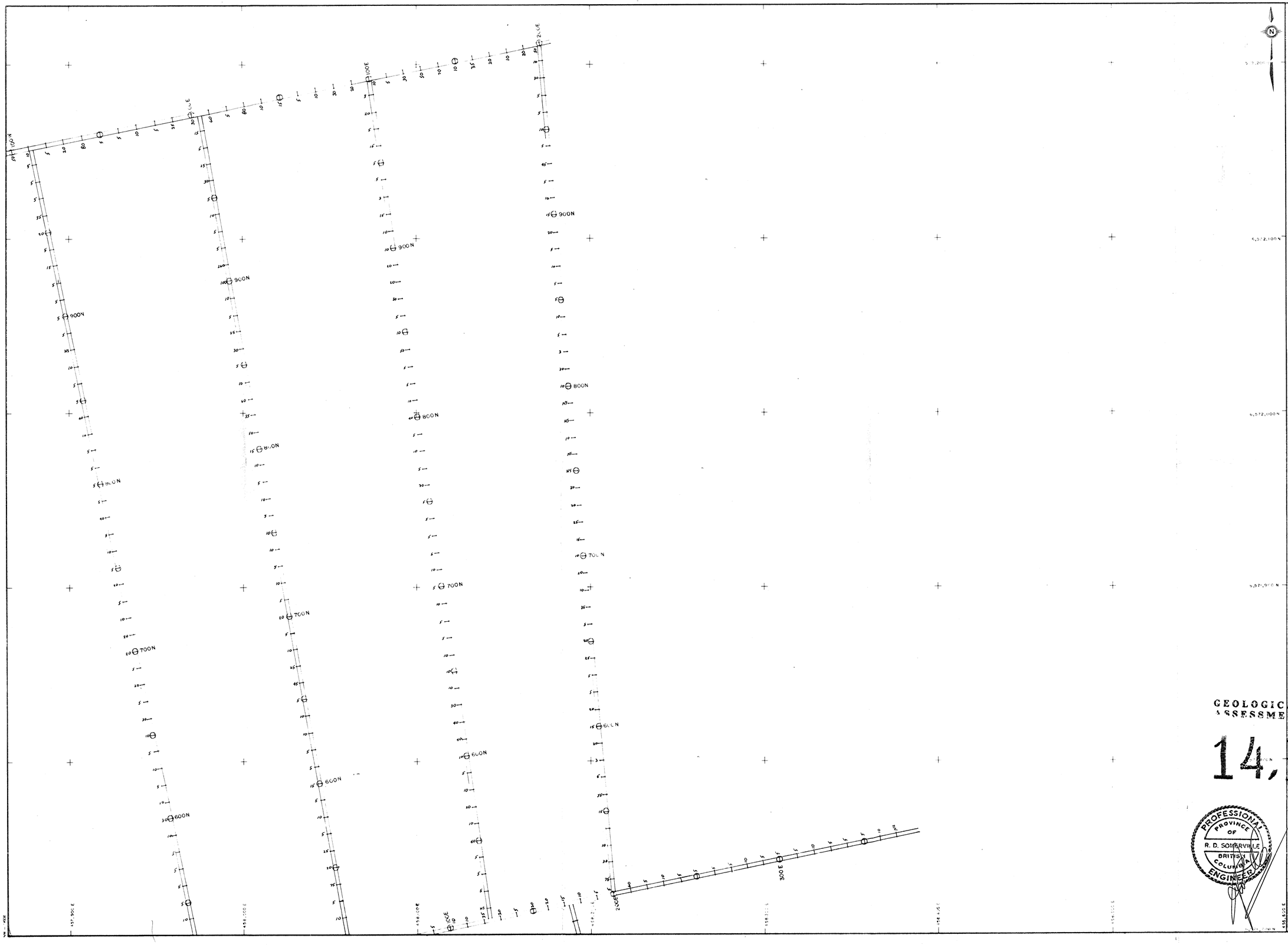
Latitude 59° 7 Longitude 129° 45

Mining Division LARD NTS NTS 104 P5E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No _____ Drawing No _____

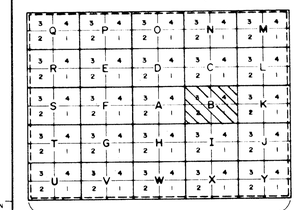
Date FEB. 15, 1986 Map No 40-B-1



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200 N
6,572,700 N
6,572,200 N
6,571,700 N
6,571,200 N
457,900E
458,100E
458,300E
458,500E
458,700E



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, 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, interpreted)

Fault (inclined, vertical, relative movement)

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

SCALE 1:000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No. 1003

Latitude 59° 17 Longitude 129° 45

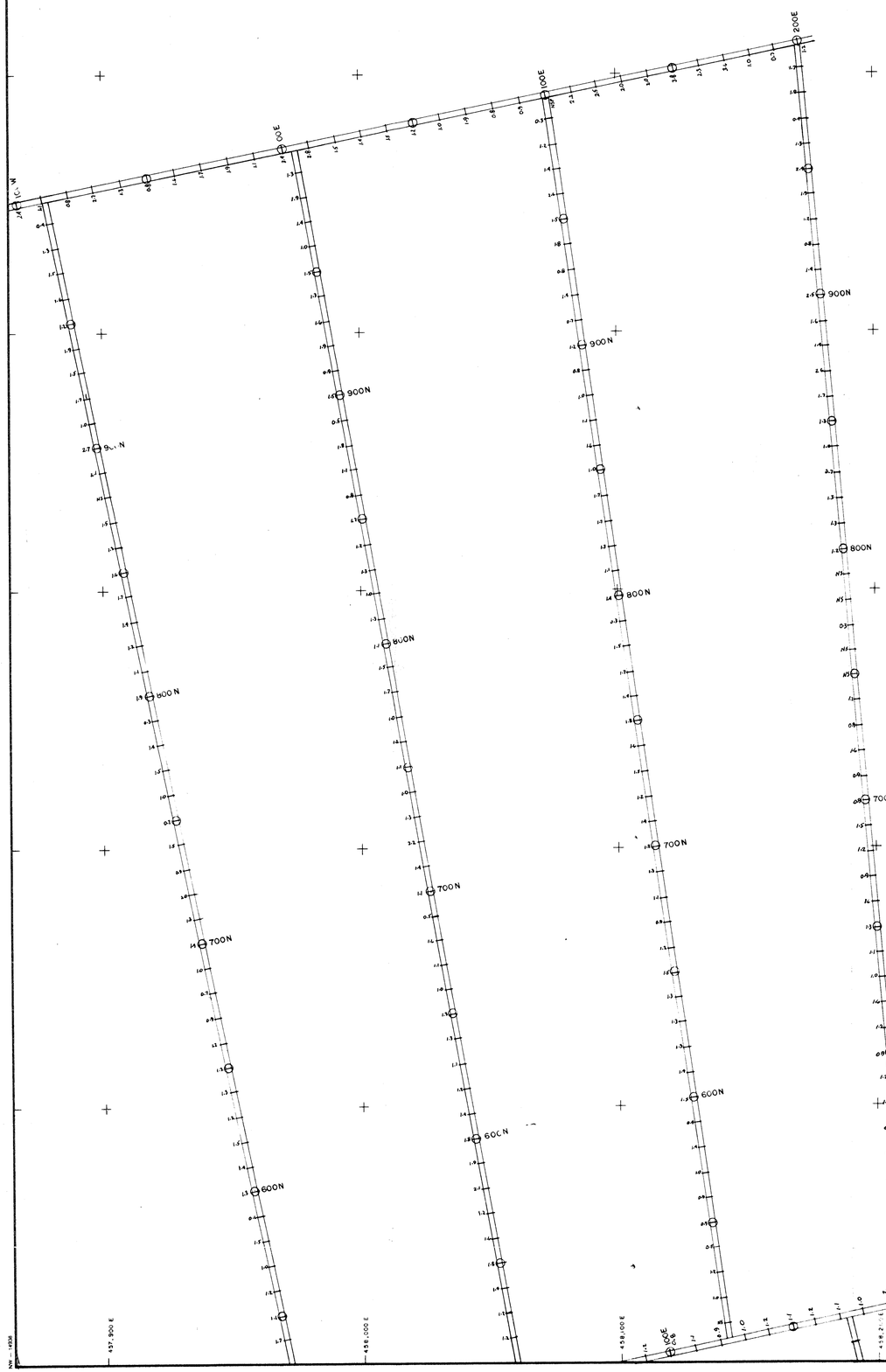
Mining Division LIARD NTS NTS 104 P/1 E, W

To accompany a report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Alpha No. Drawing No.

Date FEB. 15, 1986 Map No. 40-B-2

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE


0+00E
1+00E
2+00E
3+00E
4+00E
5+00E
6+00E
7+00E
8+00E
9+00E
10+00E
11+00E
12+00E
13+00E
14+00E
15+00E
16+00E
17+00E
18+00E
19+00E
20+00E
21+00E
22+00E
23+00E
24+00E
25+00E
26+00E
27+00E
28+00E
29+00E
30+00E
31+00E
32+00E
33+00E
34+00E
35+00E
36+00E
37+00E
38+00E
39+00E
40+00E

N

6,572,700 N

6,572,600 N

6,572,500 N

6,572,400 N

E85-2007 2000E
E85-2407 2100E
E85-2917 2200E
E85-2927 2300E
E85-2936
E85-3013 2400E
E85-3032 2500E
E85-3034 2600E

458,300 E
458,400 E
458,500 E
458,600 E
458,700 E
458,800 E
458,900 E

AREA INDEX

41	40	39	6,573,200 N
20	19	18	6,570,700 N
21	6	5	6,568,200 N
22	7	0	6,565,700 N
			6,563,200 N

453,300 E | 455,800 E | 459,300 E | 462,800

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

ENLARGEMENT OF AREA 40

SYMBOLS

Geological boundary, defined, inferred

Bedding, horizontal, inclined, vertical, overturned, tops unknown

Schistosity, gneissosity, cleavage, flow foliation, horizontal, inclined, vertical, tops unknown

Joint, fracture, fracture cleavage, horizontal, inclined, vertical

Drag fold, arrow indicates plunge

Fault, defined, interpreted

Fault, inclined, vertical, (relative movement)

Surface joint, horizontal, inclined, vertical, dip unknown

Drill joint, horizontal, inclined, vertical, dip unknown

Syncline, defined, approximate

Anticline, defined, approximate

Anticline and syncline, overturned

Intensity, weak, moderate, strong

Vein, inclined, vertical, tops unknown

Zone of alteration

Rock sample, ex. 0324, 0.15 Ag, 0.005 Au, Ag ounce/ton

Creek

Access line

Rock cut, crag, rock face

Shaft, adit, glory hole

Diamond drill hole, entering section, leaving section, on section plane

Contours 2500'

Stream or creek, perennial, intermittent

Marsh

Lake

Road

SCALE 1000

30 0 50 metres

BRICKSOM GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

Property Name ELAN GRID Property No. 1003

Latitude 50° 17' Longitude 120° 45'

Map Sheet No. LIARD Claim 104 P5(L.W.

Author(s) R. SOMERVILLE, M.Eng
E. DUSSEL, B.Sc.

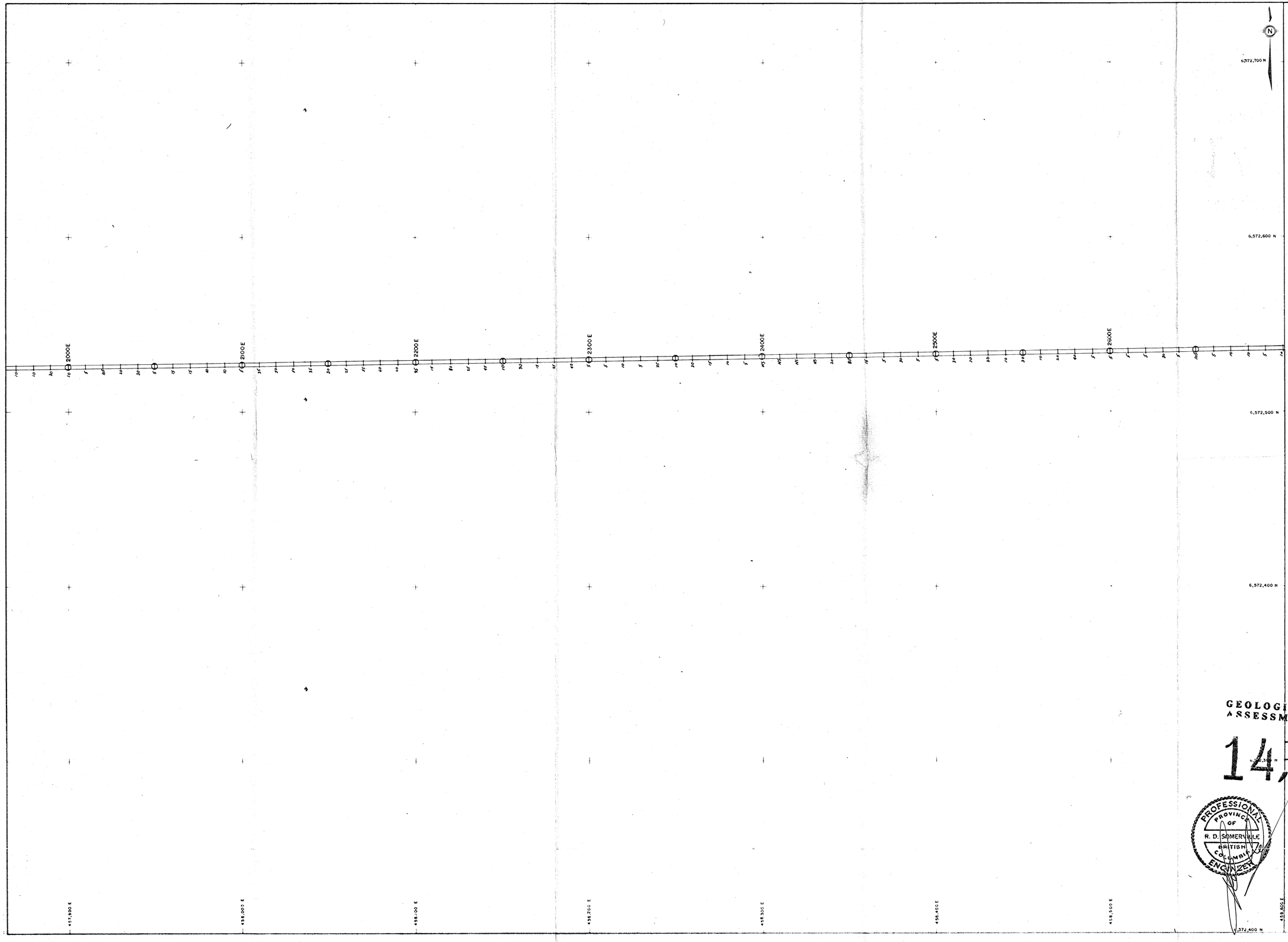
FEB.15, 1986

40 C-1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,573,200 N; 6,570,700 N; 6,568,200 N; 6,565,700 N; 6,563,200 N

453,300 E; 455,600 E; 459,300 E; 462,800

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

ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, area of outcrop, float

Geological boundary (defined, inferred)

Bedding (horizontal, inclined, vertical, overturned, dip unknown) 90°

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

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

Drag-fold (arrow indicates plunge)

Fault (defined, interpreted)

Fault (inclined, vertical, relative movement) U D

Surface joint (horiz., inclined, vert., dip unknown)

U/G joint (horiz., inclined, vert., dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Anticline and syncline (overturned)

Intensity (weak, moderate, strong)

Vein (inclined, vertical, dip unknown) 80°

Zone of alteration

Rock sample, X 0.324, 0.15
Assay Au, Ag ounce/ton

Trench

Adit or tunnel

Rock dump or tailings

Shaft, raise, winze

Diamond drill hole
(entering section, leaving section)
(on section / plan)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

GOLD

Project Name ELAN GRID Project No. 1003

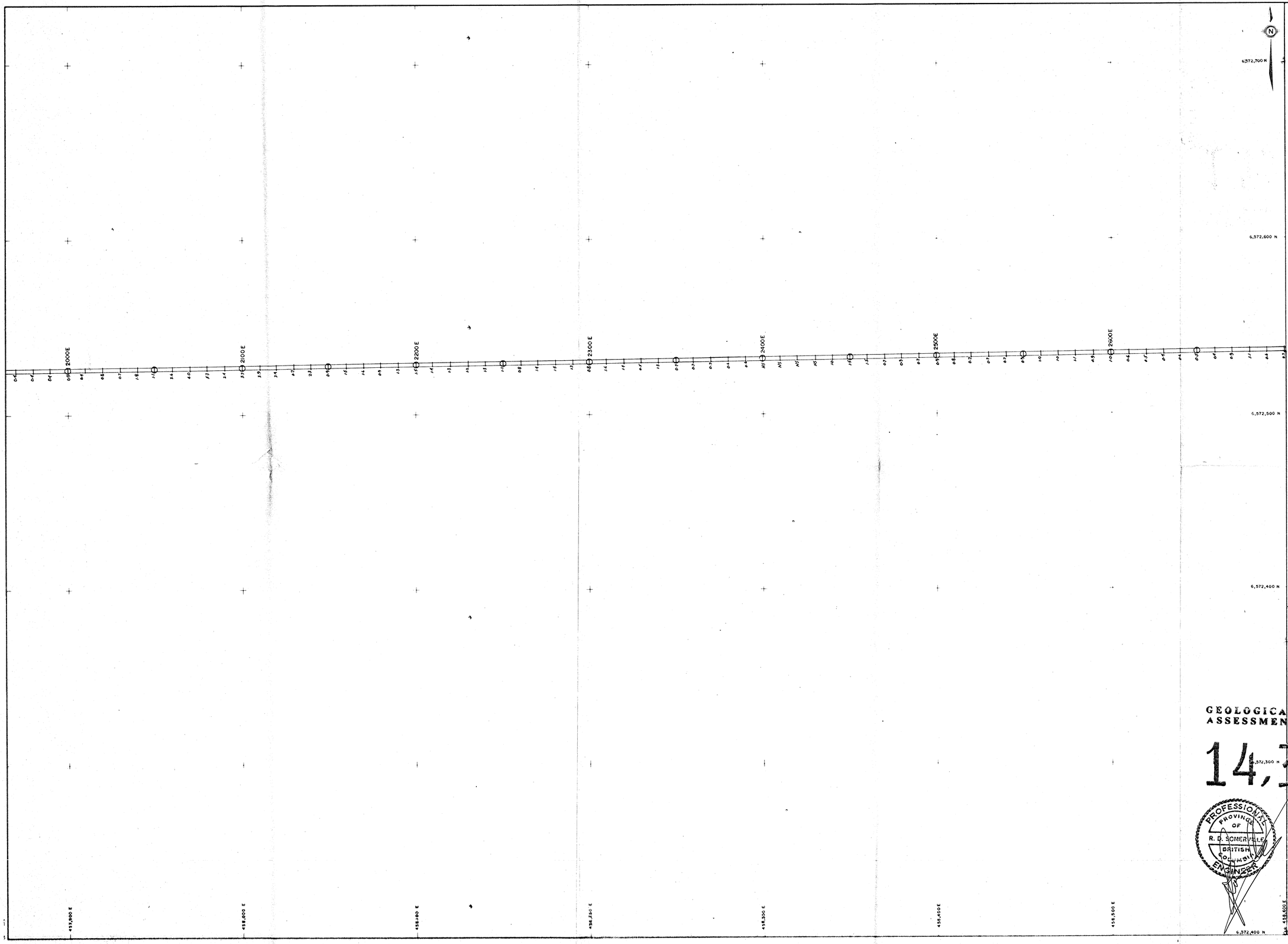
Latitude 59° 17' Longitude 129° 45'

Mining Division LIARD N.T.S. 104 P5E, W

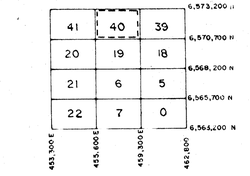
Total company or report by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Applied No. Drawing No.

Date FEB. 15, 1986 Map No. 40·C·2



AREA INDEX



ENLARGEMENT OF AREA 40

SYMBOLS

Rock outcrop, stripped if outcrop float

Geological boundary defined, inferred

Bedding horizontal, inclined, vertical, overturned, S.E. unknown

Schistosity, cleavage, foliation with horizontal, inclined vertical dip unknown

Lineation, axis of minor folds horizontal, inclined vertical

Drag fold (arrow indicates plunge)

Fault, defined, interpreted

Fault, defined, vertical, relative movement

Surface joint, horiz., inclined, vert. dip unknown

Syncline, defined, approximate

Anticline, defined, approximate

Anticline and syncline, vertical axis

Intensity, weak, moderate, strong

Vertical inclined vertical S.E. unknown

Zone of alteration

Rock sample, e.g. 324.0 S
Assays Au, Ag, oz. p. ton

Adit or tunnel

Rock dump of adit

Shaft or winze

Diamond drill hole

entry section leaving section (plan) (cross section / plan)

Contours 2500

Stream or creek perennial, intermittent

Marsh

Lake

Road

SCALE 1000 30 50 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP
SOIL GEOCHEMISTRY

SILVER

Project Name ELAN GRID Project No. 1003

Latitude 59° 17' Longitude 129° 45'

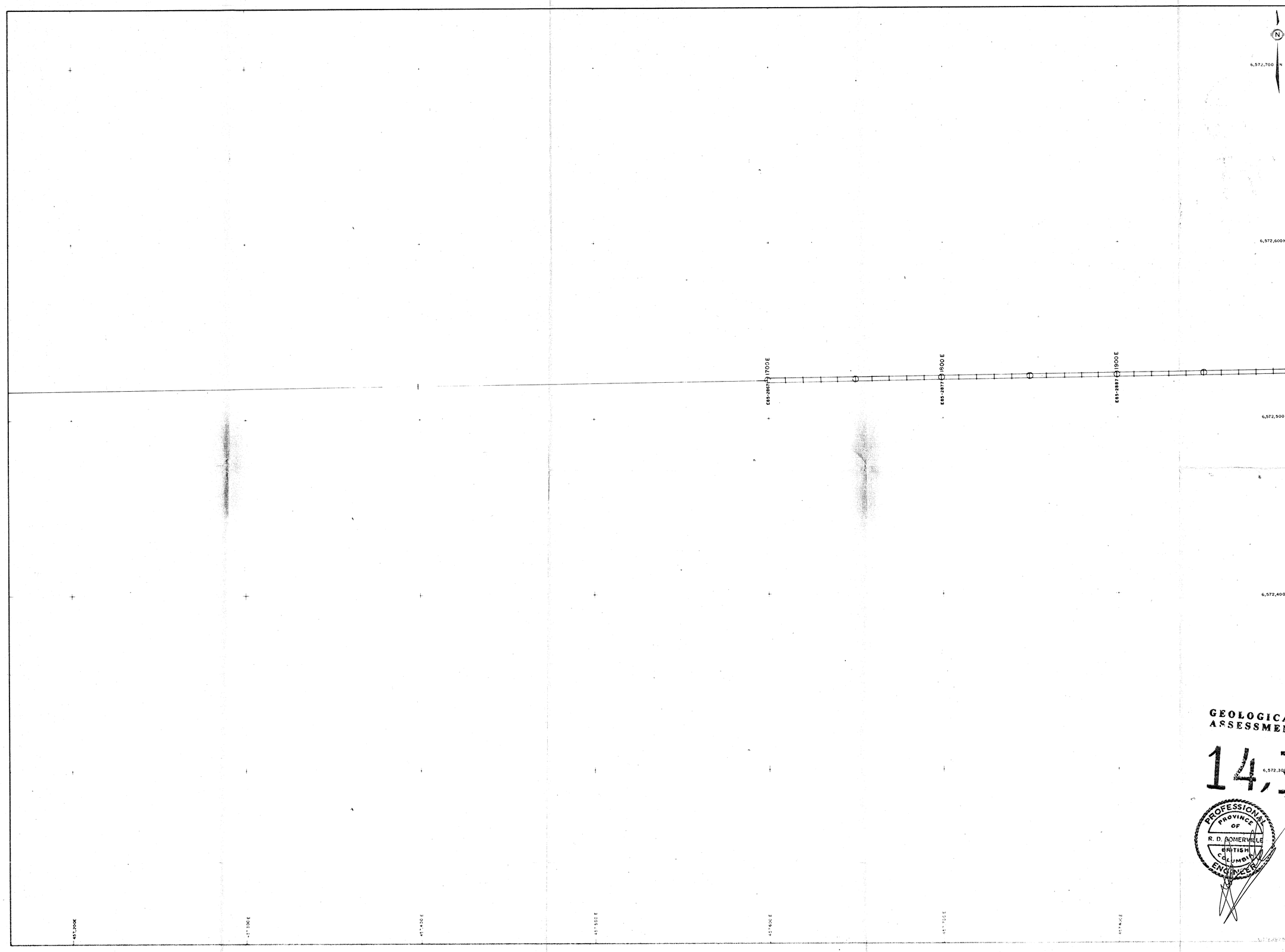
Mining Division LIARD N.T.S. 104 P5E, W

Data compiled / reported by R. SOMERVILLE, P.Eng
E. DUSSEL, B.Sc.

Author No. Drawing No.

Date FEB. 15, 1986 Fig. No. 40-C-3

PROFESSIONAL ENGINEERS
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE



AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,570,700N
6,568,200N
6,565,700N
6,563,200N
6,560,700N
455,800E
458,300E
462,800E
466,300E

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

ENLARGEMENT OF AREA 40

SYMBOLS

Geological boundary, defined, inferred

Trench

Adit or tunnel

Rock dump or tailings

Shaft or sea wing

Diamond drill hole

entering section, leaving section

on section, plan

Contours 2500

Stream or creek perennial, intermittent

Marsh

Lake

Road

SCALE 1000

10 20 30 50 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SAMPLE LOCATION NUMBERS

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE

Project Name ELAN GRID Project No. 1003

Latitude 59°17' Longitude 129° 45'

Mining Division LIARD N.T.S. 104 P5E.W.

Drawing Prepared by R. SOMERVILLE, P.Eng.
E. DUSSEL, B.Sc.

Date FEB. 15, 1986 Drawing No. 40-D-1

N

6,572,700 N

6,572,600 N

6,572,500 N

6,572,400 N

6,572,300 N

6,572,200 N

1700 E

1800 E

1900 E

457,200 E

457,300 E

457,400 E

457,500 E

457,600 E

457,700 E

457,800 E

457,900 E

AREA INDEX

41	40	39
20	19	18
21	6	5
22	7	0

6,570,700N
6,568,200N
6,565,700N
6,563,200N
6,560,700N

455,800E
458,300E
462,800E
465,300E

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

ENLARGEMENT OF AREA 40

SYMBOLS

Claim boundary, staked, surveyed

Claim boundary, staked, unsurveyed

Claim boundary, abandoned

Claim boundary, lapsed

Claim boundary, reverted to Crown

Claim boundary, applied for

Claim boundary, abandoned, applied for

Claim boundary, lapsed, applied for

Claim boundary, reverted to Crown, applied for

Claim boundary, staked, surveyed, applied for

Claim boundary, staked, unsurveyed, applied for

Claim boundary, abandoned, staked, surveyed, applied for

Claim boundary, abandoned, staked, unsurveyed, applied for

Claim boundary, lapsed, staked, surveyed, applied for

Claim boundary, lapsed, staked, unsurveyed, applied for

Claim boundary, reverted to Crown, staked, surveyed, applied for

Claim boundary, reverted to Crown, staked, unsurveyed, applied for

Claim boundary, abandoned, staked, surveyed

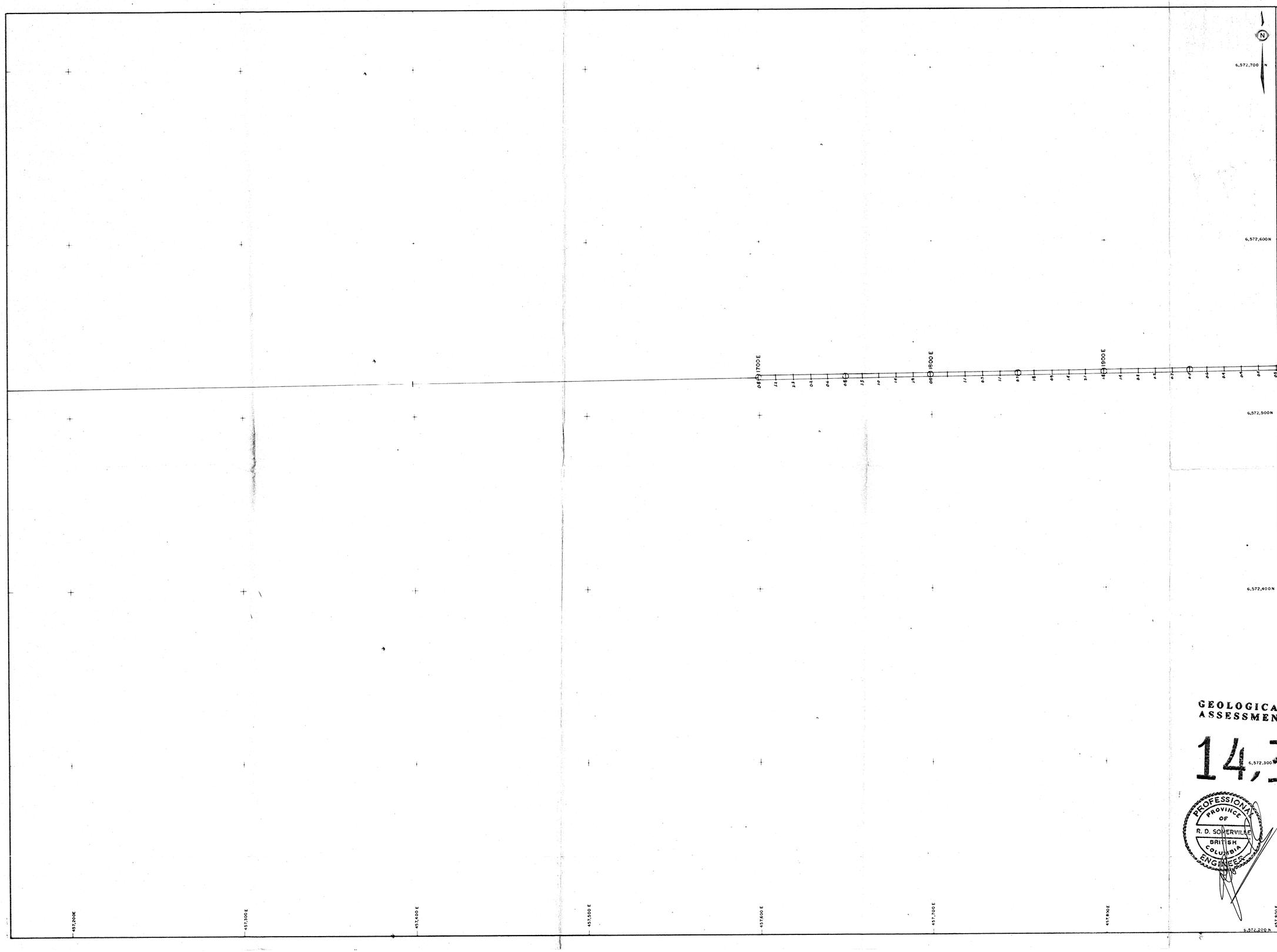
Claim boundary, abandoned, staked, unsurveyed

Claim boundary, lapsed, staked, surveyed

Claim boundary, lapsed, staked, unsurveyed

Claim boundary, reverted to Crown, staked, surveyed

Claim boundary, reverted to Crown, staked, unsurveyed



AREA INDEX

41	40	39	6,570,700 N
20	19	18	6,568,200 N
21	6	5	6,565,700 N
22	7	0	6,563,200 N
456,800 E	459,300 E	461,800 E	464,300 E

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

ENLARGEMENT OF AREA 40

SYMBOLS

Mark (outline, start of strike, float) X

Geological boundary (defined, inferred) ——— - - -

Bedding, foliation (vertical, inclined, horizontal)

Lineation (plunge known, plunge unknown)

Fold axis (vertical, inclined, horizontal)

Fault (defined, inferred, concealed)

Fault (defined, with relative movement)

Fracture (with vertical dip, with unknown dip)

Joint (with vertical dip, with unknown dip)

Syncline (defined, approximate)

Anticline (defined, approximate)

Antiform (defined, approximate)

Synform (defined, approximate)

Overturned (anticline, synform)

Direction of plunge

Trench

Adit or tunnel

Rock outcrop (extent)

Shaft, raise, winze

Diamond drill hole (entering section, leaving section, or section plane)

Contours 2500

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

0 30 90 metres

SCALE 1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,375

ERICKSON GOLD MINING CORP.

LANG CREEK GROUP

SOIL GEOCHEMISTRY

SILVER

Project Name ELAN GRID Project No. 1003

Latitude 59°17' Longitude 129° 45'

Mining Division LIARD NTS 104 P5E, W

This compilation prepared by R. SOMERVILLE, P.Eng
E. DUSSEL, B.Sc.

Alpha No. Drawing No.

Date FEB. 15, 1986 Map No. 40-D-3

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PROVINCE OF BRITISH COLUMBIA
R. D. SOMERVILLE